

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125987.D
 Acq On : 28 Oct 2021 14:12
 Operator : JU/CG
 Sample : M4372-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125987.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	570	574	577	rBV	2477103	2091719	65.19%	2.917%
2	5.886	640	646	650	rBV3	36515	58447	1.82%	0.082%
3	6.169	691	694	696	rBV	78911	57244	1.78%	0.080%
4	6.304	711	717	719	rBV2	56794	71658	2.23%	0.100%
5	6.398	729	733	739	rBV3	200645	278682	8.69%	0.389%
6	6.475	741	746	749	rBV	2388308	2098204	65.39%	2.926%
7	6.534	754	756	759	rVB3	89706	86182	2.69%	0.120%
8	6.616	764	770	772	rBV3	106671	136938	4.27%	0.191%
9	6.639	772	774	777	rVB2	61039	56591	1.76%	0.079%
10	6.698	780	784	786	rBV3	83673	94758	2.95%	0.132%
11	6.722	786	788	791	rVB2	124727	97340	3.03%	0.136%
12	6.769	791	796	797	rBV3	59519	73570	2.29%	0.103%
13	6.828	801	806	808	rBV4	114496	151031	4.71%	0.211%
14	6.857	808	811	813	rBV	1595567	1252440	39.03%	1.747%
15	6.875	813	814	819	rVB	240455	184554	5.75%	0.257%
16	6.922	819	822	825	rBV3	131760	165529	5.16%	0.231%
17	6.957	825	828	830	rBV2	108187	119974	3.74%	0.167%
18	6.981	830	832	834	rBV2	94609	79737	2.49%	0.111%
19	7.010	834	837	841	rVB3	147364	130168	4.06%	0.182%
20	7.045	841	843	845	rVB2	116848	89574	2.79%	0.125%
21	7.092	848	851	853	rVB3	95447	81949	2.55%	0.114%
22	7.133	853	858	862	rVB2	391241	458528	14.29%	0.640%
23	7.175	862	865	867	rBV3	100356	94724	2.95%	0.132%
24	7.204	867	870	873	rBV3	108645	150580	4.69%	0.210%
25	7.257	873	879	881	rBV3	494958	525350	16.37%	0.733%
26	7.286	881	884	891	rVB3	211242	272117	8.48%	0.380%
27	7.339	891	893	897	rVB3	123441	115723	3.61%	0.161%
28	7.386	897	901	903	rBV3	432876	611615	19.06%	0.853%
29	7.416	903	906	908	rVB	1466212	1229066	38.31%	1.714%
30	7.439	908	910	911	rBV2	105705	73604	2.29%	0.103%
31	7.457	911	913	917	rVB2	262931	311578	9.71%	0.435%
32	7.510	917	922	925	rVB4	524668	745550	23.24%	1.040%
33	7.563	925	931	932	rBV6	277381	510328	15.91%	0.712%
34	7.616	938	940	942	rBV2	117933	94363	2.94%	0.132%
35	7.645	942	945	947	rVV	381970	370470	11.55%	0.517%
36	7.669	947	949	952	rVB	943001	734613	22.90%	1.025%

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37	7.739	957	961	964	rBV3	331170	514921	16.05%	0.718%
38	7.786	966	969	973	rVB2	1266958	1149227	35.82%	1.603%
39	7.833	973	977	978	rBV3	214895	243000	7.57%	0.339%
40	7.863	979	982	984	rBV2	263557	243385	7.59%	0.339%
41	7.910	986	990	992	rVB4	278248	333731	10.40%	0.465%
42	7.969	997	1000	1005	rVB5	292485	397966	12.40%	0.555%
43	8.016	1005	1008	1009	rBV2	383770	353588	11.02%	0.493%
44	8.045	1011	1013	1018	rVB4	655439	750193	23.38%	1.046%
45	8.092	1018	1021	1024	rBV3	307378	454676	14.17%	0.634%
46	8.139	1024	1029	1036	rBV	2003666	2820369	87.90%	3.934%
47	8.210	1036	1041	1043	rVB2	934662	954244	29.74%	1.331%
48	8.233	1043	1045	1047	rBV3	435385	407704	12.71%	0.569%
49	8.292	1053	1055	1057	rBV3	163538	195833	6.10%	0.273%
50	8.322	1057	1060	1062	rVV2	541104	591468	18.43%	0.825%
51	8.351	1062	1065	1067	rVV2	912439	749452	23.36%	1.045%
52	8.380	1067	1070	1072	rVV3	223232	237848	7.41%	0.332%
53	8.439	1075	1080	1083	rVV4	731602	1138187	35.47%	1.587%
54	8.492	1087	1089	1091	rBV3	494807	431549	13.45%	0.602%
55	8.569	1099	1102	1104	rBV	1489045	1454277	45.32%	2.028%
56	8.586	1104	1105	1107	rVV	921893	752496	23.45%	1.050%
57	8.610	1107	1109	1113	rVB4	873287	709781	22.12%	0.990%
58	8.651	1113	1116	1118	rBV2	711009	616995	19.23%	0.861%
59	8.692	1118	1123	1127	rVV4	900212	1156776	36.05%	1.613%
60	8.833	1145	1147	1154	rVB3	780929	974560	30.37%	1.359%
61	8.892	1154	1157	1160	rBV4	724500	743856	23.18%	1.038%
62	8.927	1160	1163	1165	rBV3	408096	504070	15.71%	0.703%
63	8.951	1165	1167	1169	rBV3	277738	194165	6.05%	0.271%
64	9.027	1177	1180	1183	rBV4	576418	827284	25.78%	1.154%
65	9.057	1183	1185	1188	rVB4	408453	430777	13.43%	0.601%
66	9.139	1197	1199	1201	rVB2	760117	548648	17.10%	0.765%
67	9.169	1201	1204	1208	rBV	1924623	1613019	50.27%	2.250%
68	9.216	1209	1212	1215	rVV	2351010	1825322	56.89%	2.546%
69	9.304	1223	1227	1231	rBV3	1566773	2177423	67.86%	3.037%
70	9.580	1272	1274	1276	rVB2	569312	453764	14.14%	0.633%
71	9.610	1276	1279	1281	rBV	2719676	2984571	93.02%	4.163%
72	9.769	1303	1306	1309	rBV3	1147100	1443381	44.98%	2.013%
73	9.816	1311	1314	1317	rVB	2183989	1891393	58.95%	2.638%
74	9.898	1322	1328	1331	rVV4	2012208	2915048	90.85%	4.066%
75	9.939	1333	1335	1343	rVB6	510207	976317	30.43%	1.362%
76	10.098	1359	1362	1364	rVB	869174	748490	23.33%	1.044%

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77	10.157	1370	1372	1375	rVB2	611738	554991	17.30%	0.774%
78	10.216	1379	1382	1384	rBV2	840339	850367	26.50%	1.186%
79	10.269	1389	1391	1394	rVV2	539241	527198	16.43%	0.735%
80	10.310	1395	1398	1402	rVB3	982632	1023603	31.90%	1.428%
81	10.510	1430	1432	1434	rVB2	724029	541259	16.87%	0.755%
82	10.557	1437	1440	1443	rVB	1923325	1807993	56.35%	2.522%
83	10.680	1458	1461	1465	rVB4	906187	903567	28.16%	1.260%
84	10.821	1480	1485	1493	rVB	3094396	3208584	100.00%	4.475%
85	10.886	1493	1496	1498	rBV2	499967	476782	14.86%	0.665%
86	11.021	1516	1519	1525	rBV3	898345	1164581	36.30%	1.624%
87	11.127	1535	1537	1539	rBV2	384514	421422	13.13%	0.588%
88	11.286	1561	1564	1569	rVB	2072402	2091871	65.20%	2.918%
89	11.380	1577	1580	1582	rBV	1399228	1192794	37.18%	1.664%
90	11.633	1621	1623	1626	rVB	552555	486699	15.17%	0.679%
91	12.433	1756	1759	1761	rBV	427224	397896	12.40%	0.555%
92	12.592	1783	1786	1788	rVB2	345538	340965	10.63%	0.476%
93	12.815	1822	1824	1826	rBV	324910	263211	8.20%	0.367%
94	12.880	1832	1835	1838	rVB	279918	270038	8.42%	0.377%
95	12.963	1846	1849	1852	rBV	1684580	1427443	44.49%	1.991%
96	14.015	2023	2028	2030	rBV	1262860	1311792	40.88%	1.830%
97	15.480	2273	2277	2281	rVB	663483	769531	23.98%	1.073%

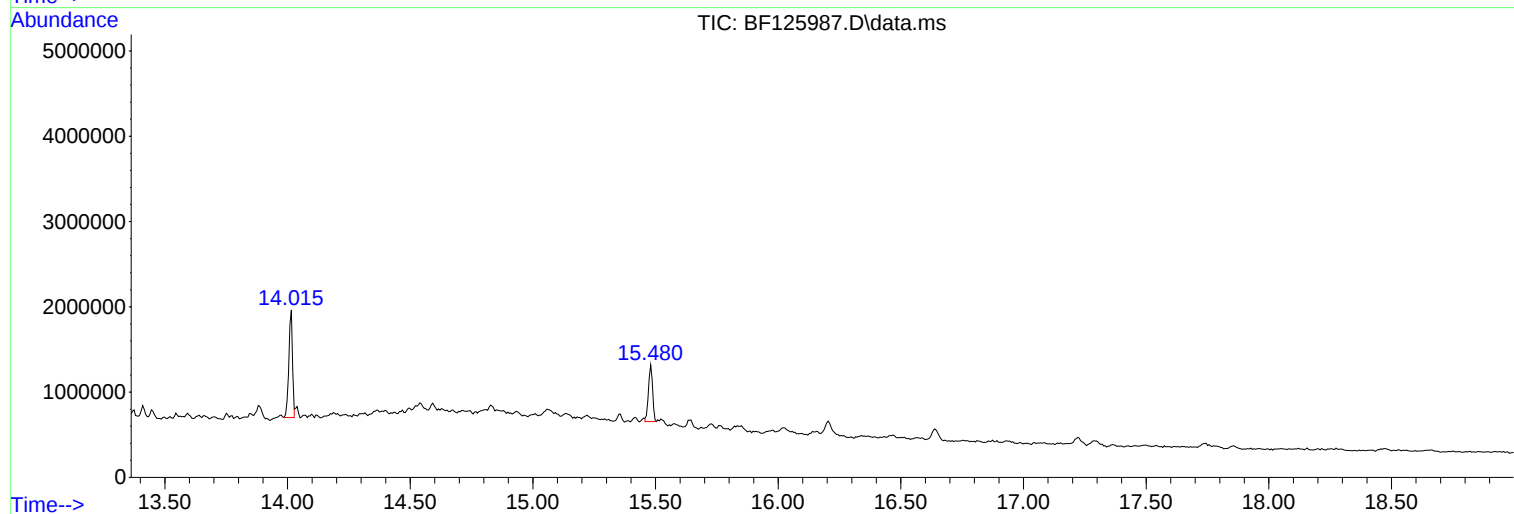
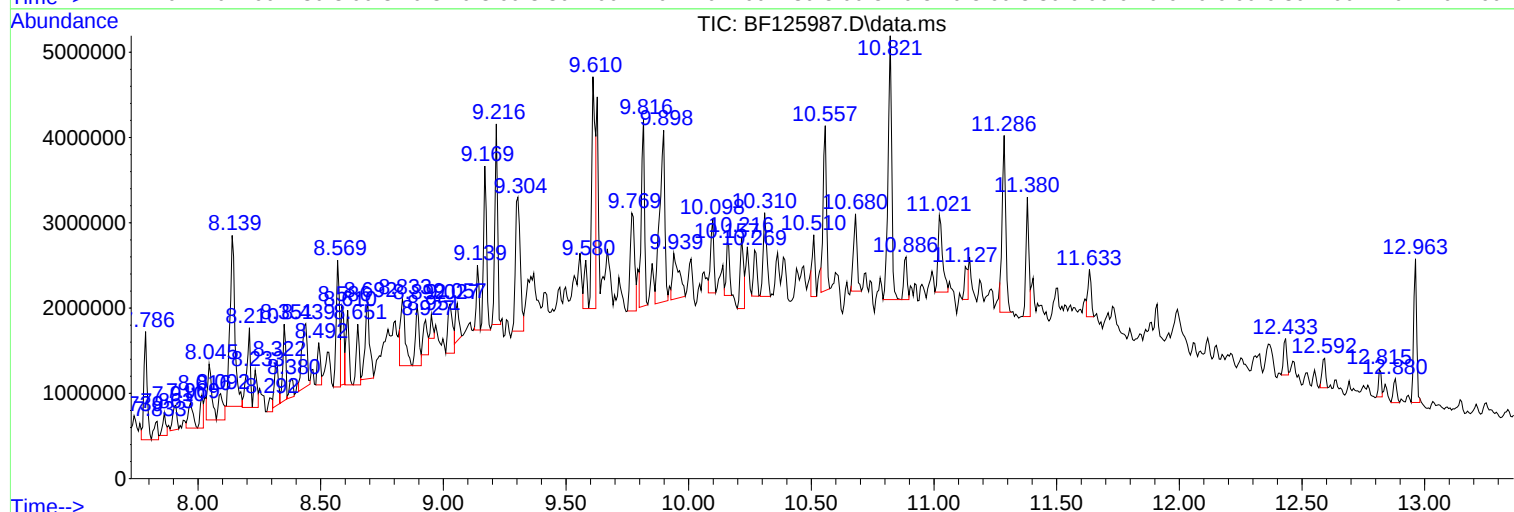
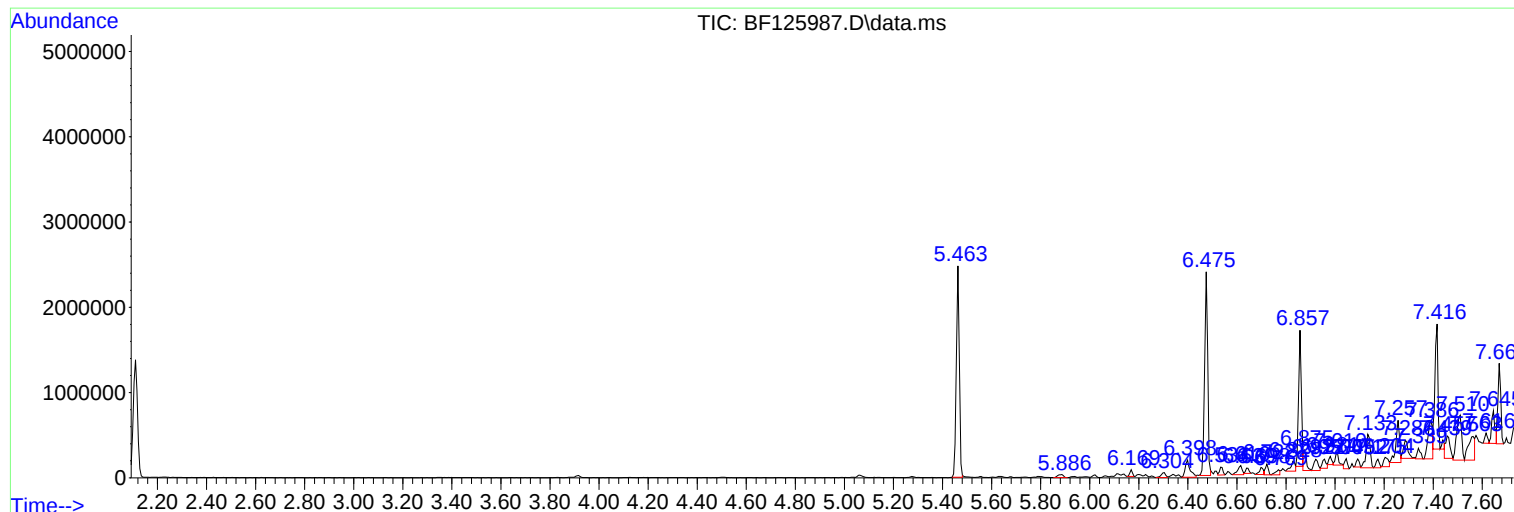
Sum of corrected areas: 71696839

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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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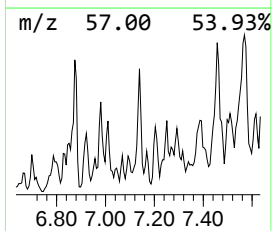
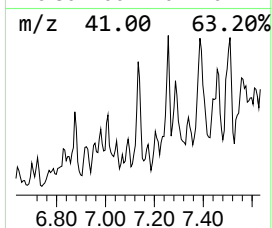
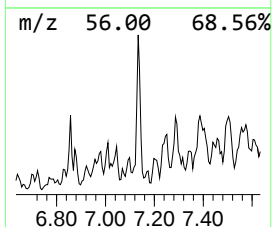
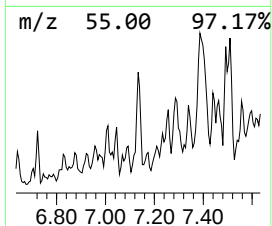
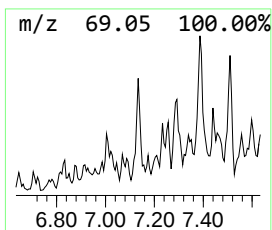
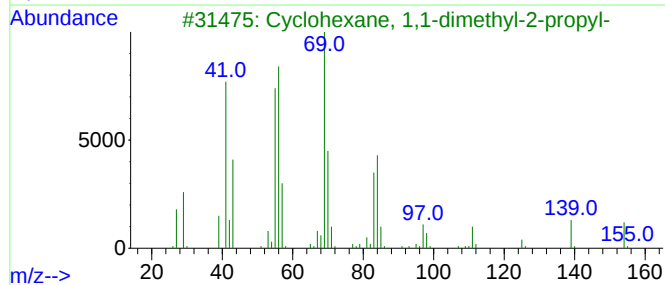
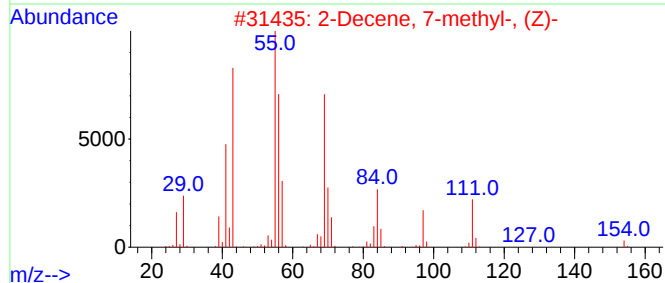
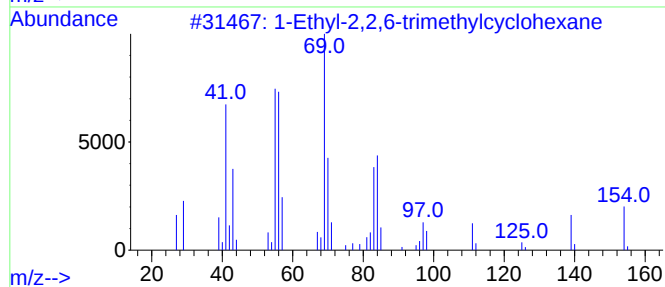
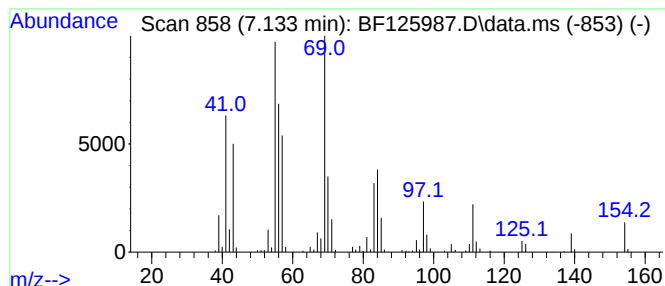
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.133	7.32 ng	458528	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	90
2			2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	86
3			Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	81
4			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	72
5			4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	64



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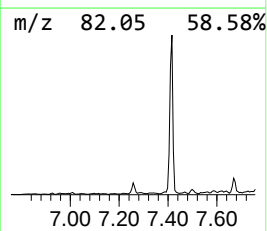
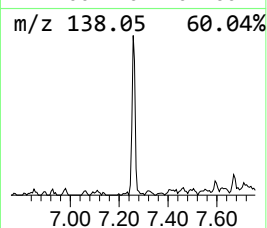
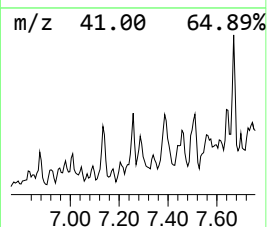
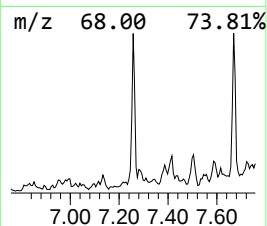
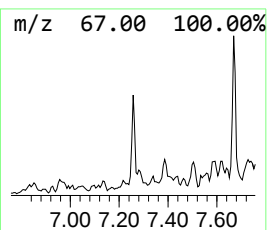
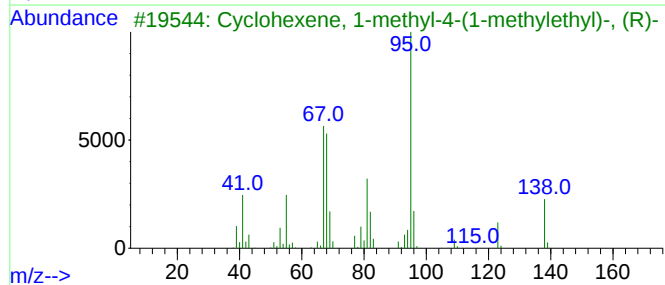
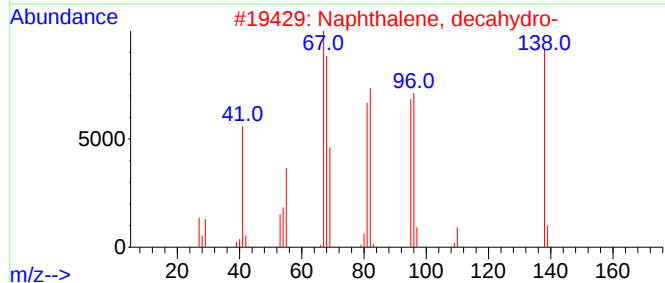
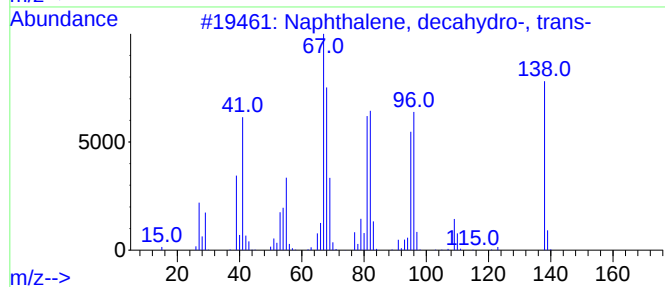
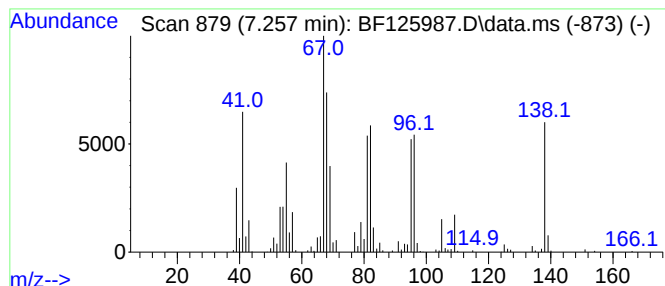
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	8.39 ng	525350	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3			Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	68
4			Spiro[4.5]decane	138	C10H18	000176-63-6	64
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	60



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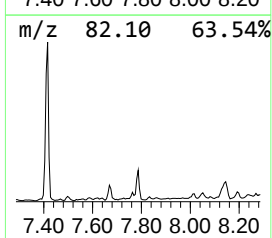
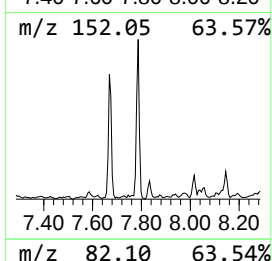
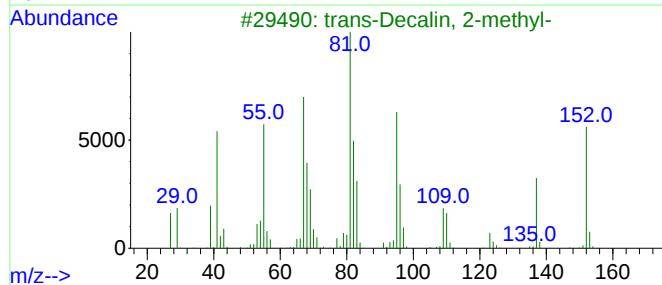
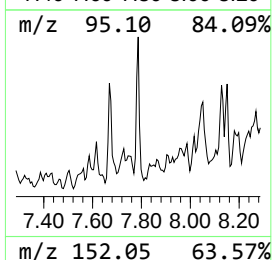
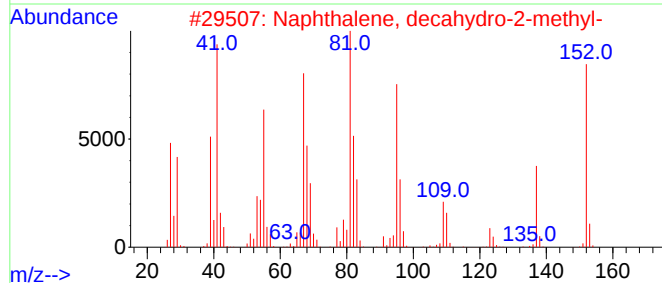
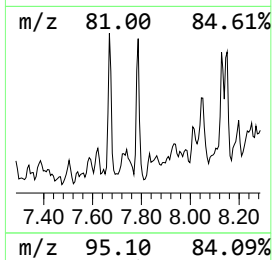
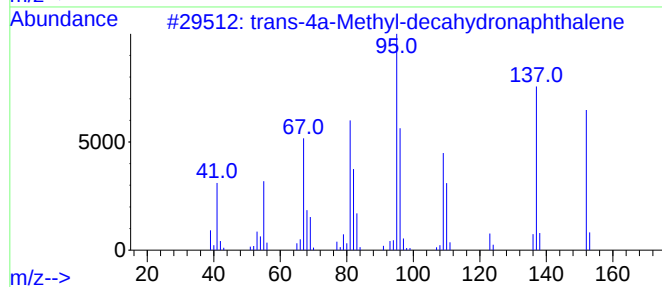
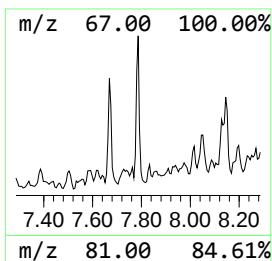
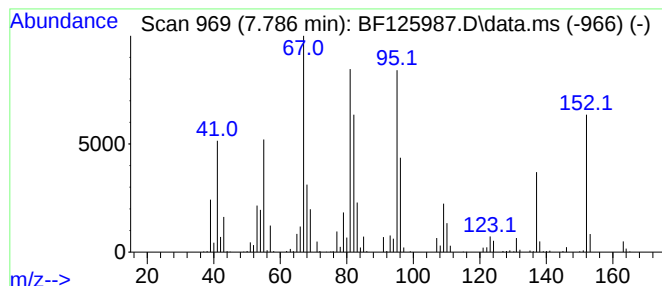
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 trans-4a-Methyl-decahydrona... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.786	8.15 ng	1149230	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	89
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
4			Spiro[5.5]undecane	152	C11H20	000180-43-8	60
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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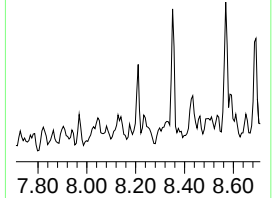
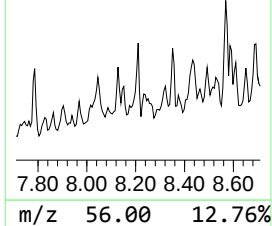
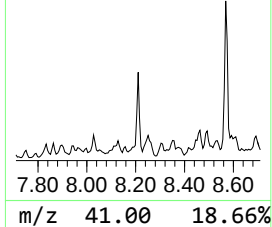
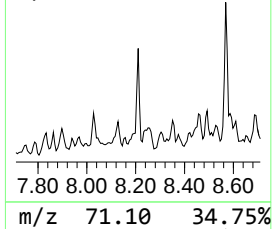
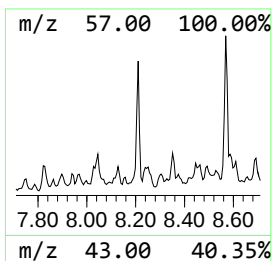
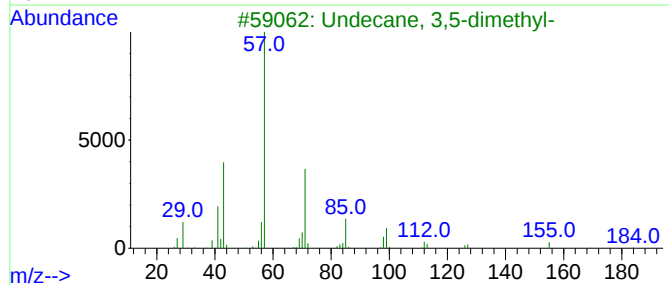
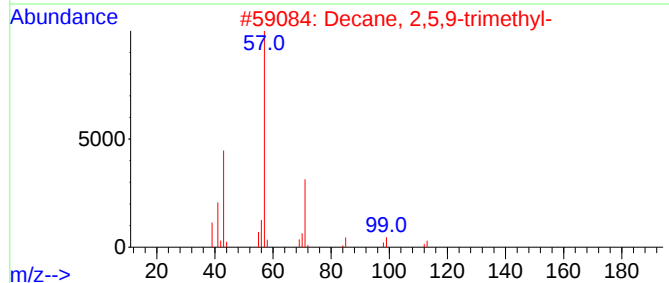
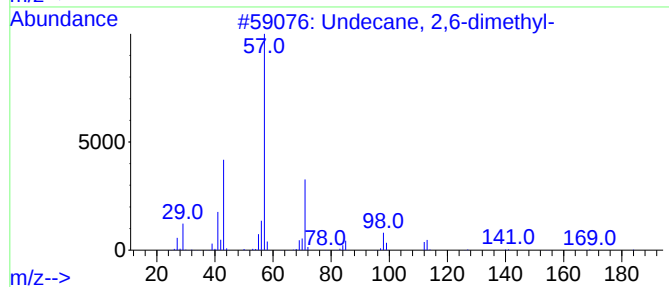
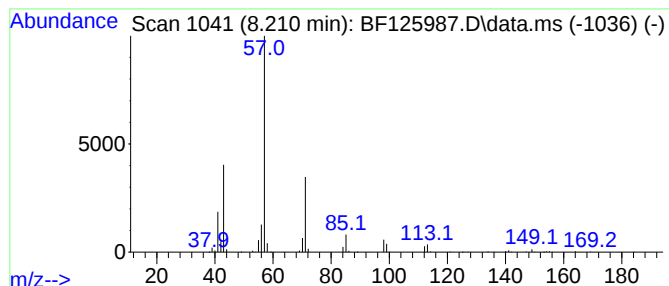
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	6.77 ng	954244	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
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Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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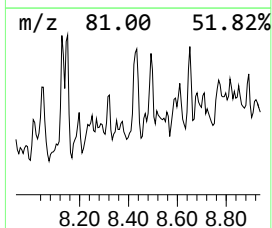
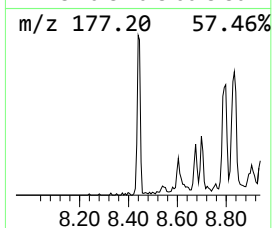
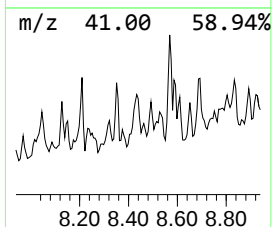
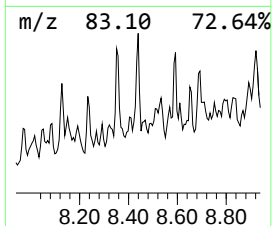
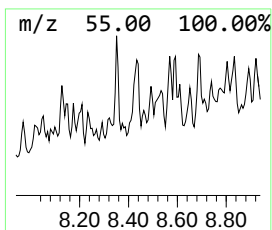
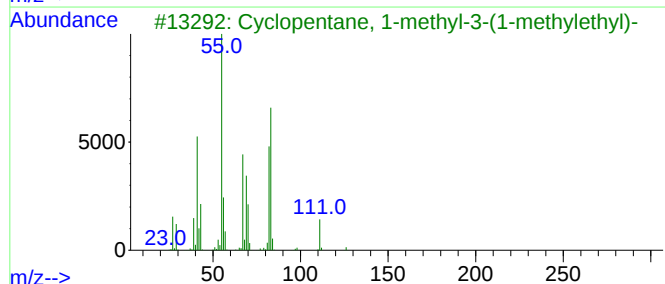
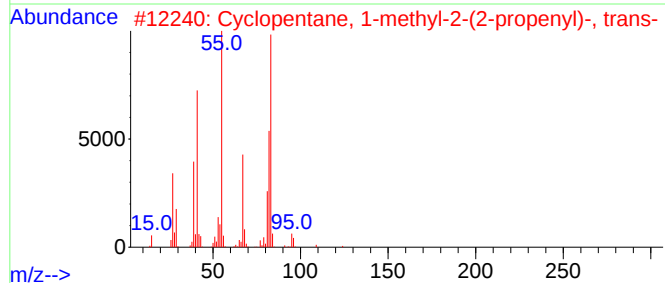
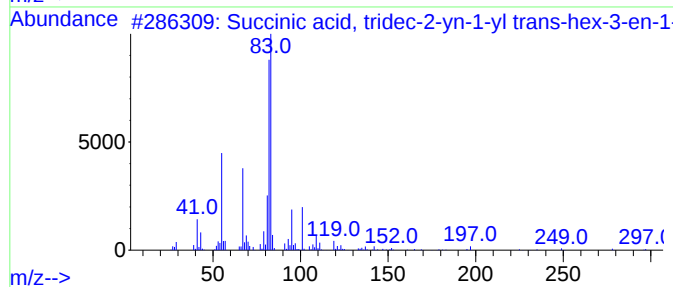
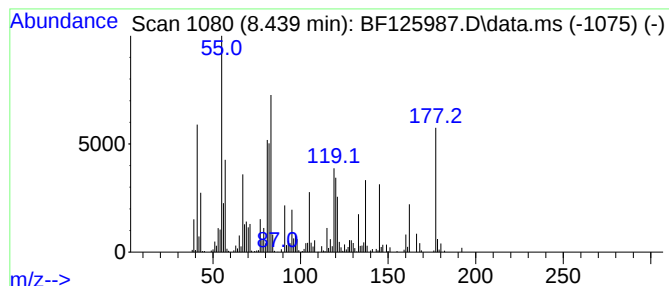
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown8.439 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	8.07 ng	1138190	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	22
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	20
3			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	18
4			Succinic acid, cis-hex-3-enyl pe...	410	C25H46O4	1000353-41-7	14
5			Verbenyl angelate, cis-	234	C15H22O2	1000383-56-3	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
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Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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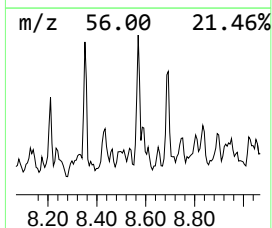
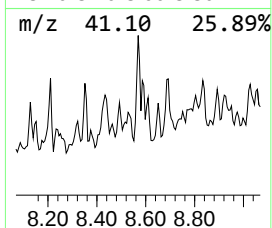
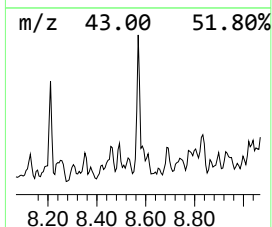
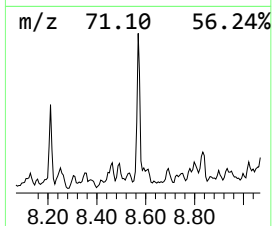
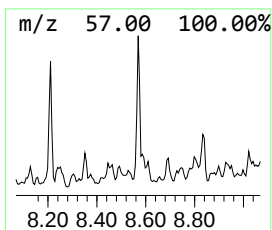
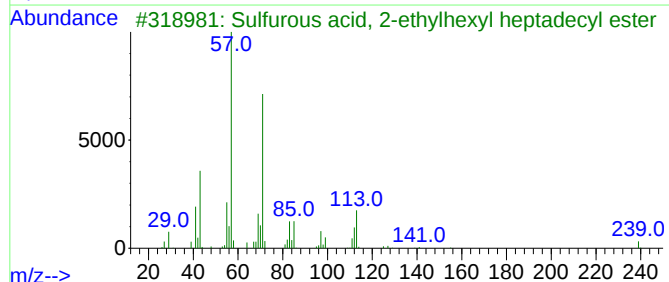
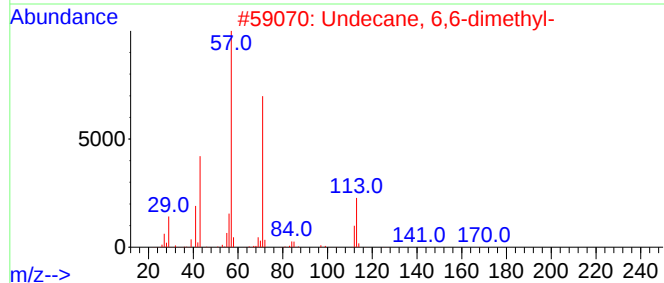
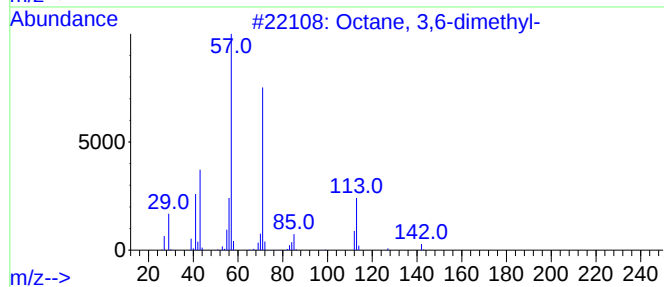
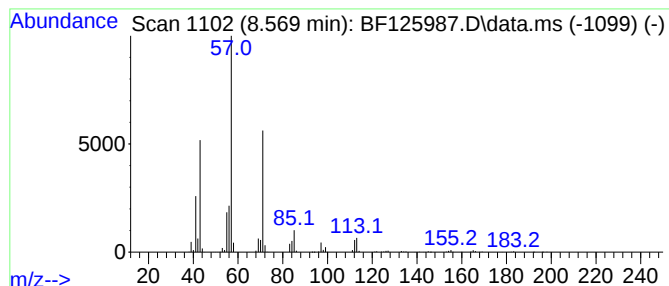
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	10.31 ng	1454280	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-2

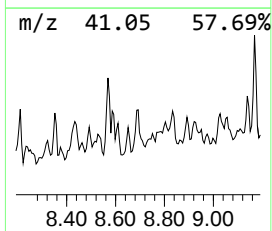
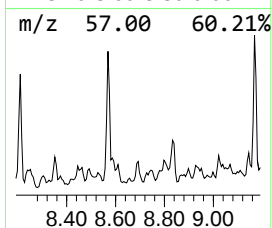
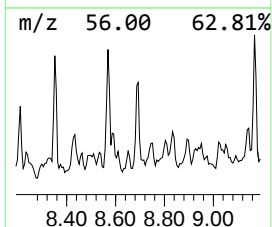
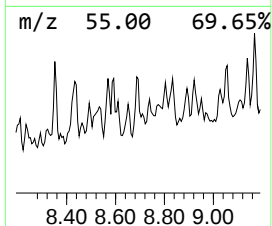
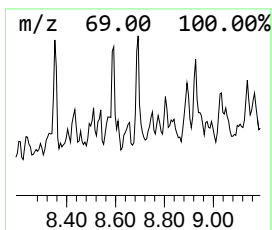
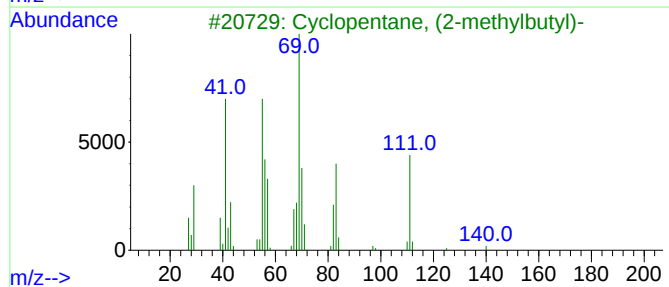
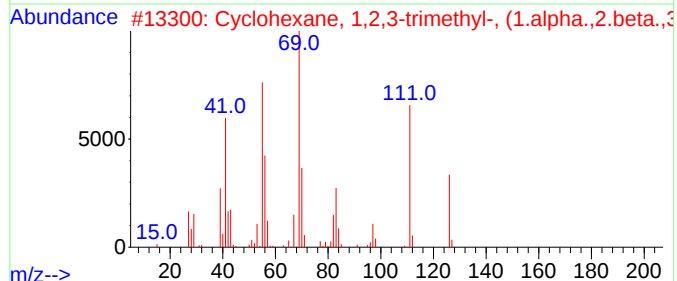
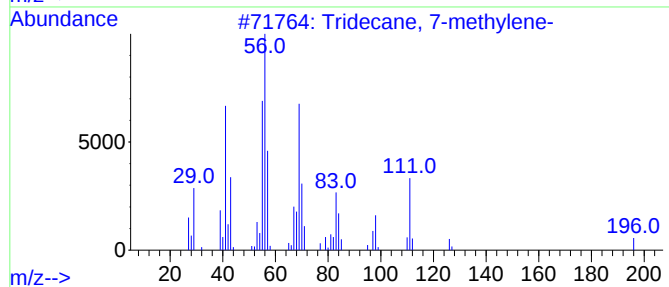
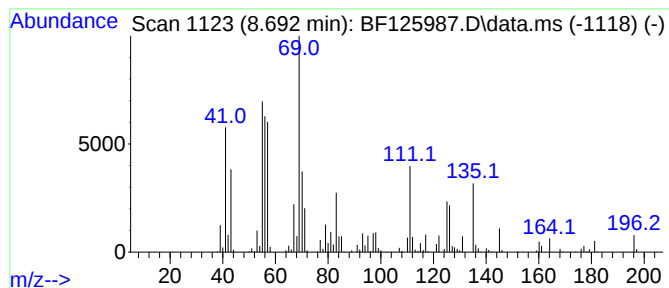
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane, 7-methylene- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	8.20 ng	1156780	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methylene-	196	C14H28	019780-80-4	70
2			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	68
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
4			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	49
5			Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
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Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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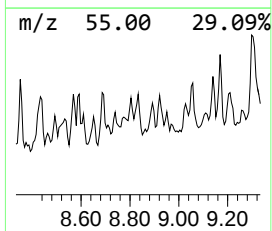
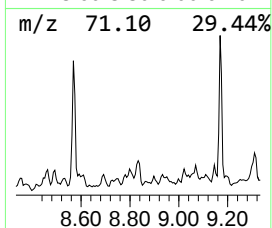
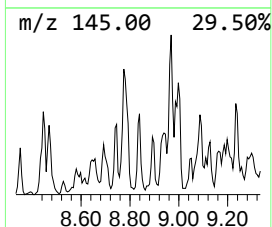
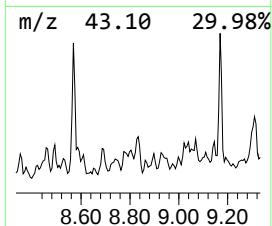
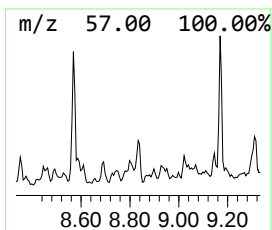
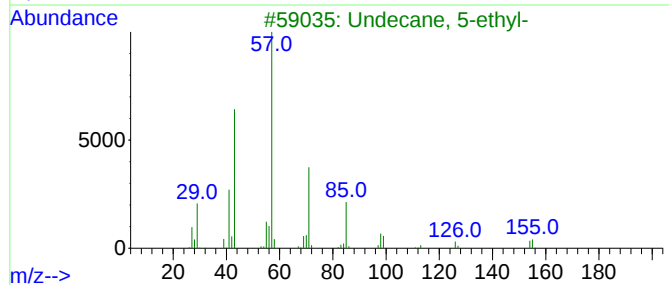
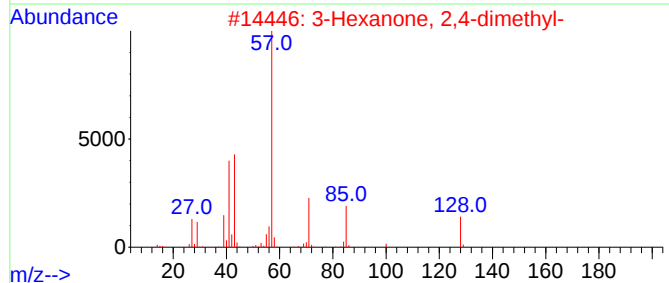
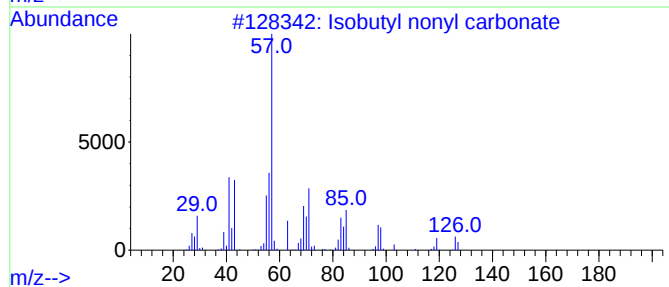
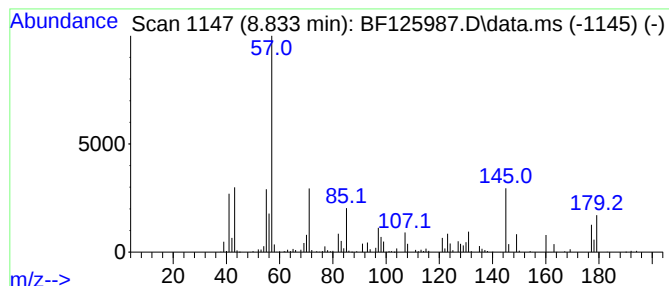
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown8.833 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.833	6.91 ng	974560	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	38
2			3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	35
3			Undecane, 5-ethyl-	184	C13H28	017453-94-0	35
4			Butyl tetratriacontyl ether	551	C38H78O	1000406-41-4	25
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-2

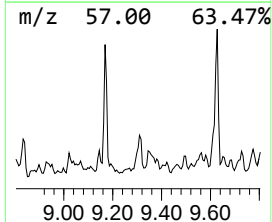
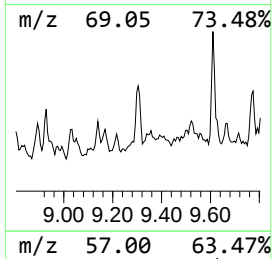
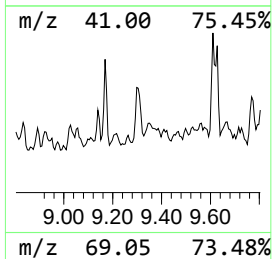
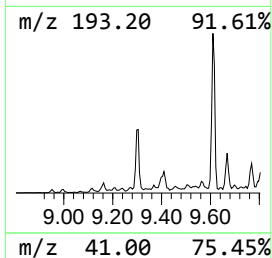
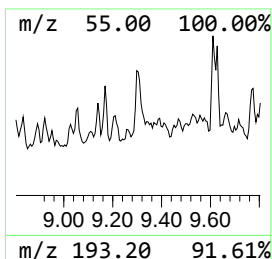
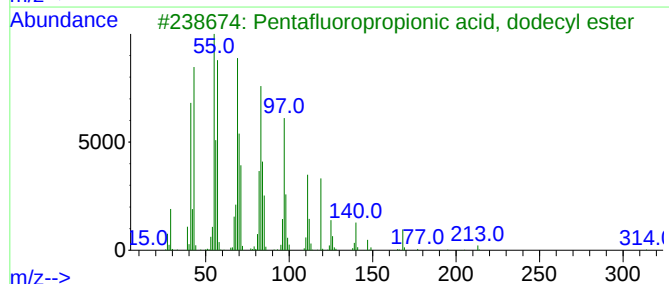
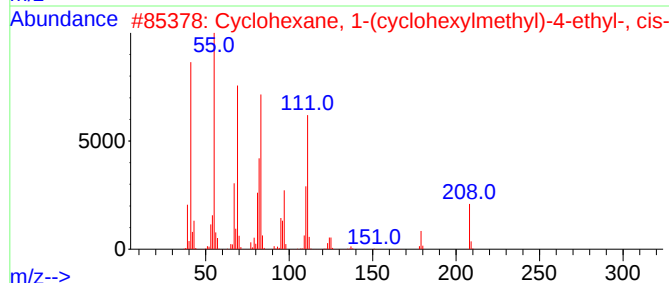
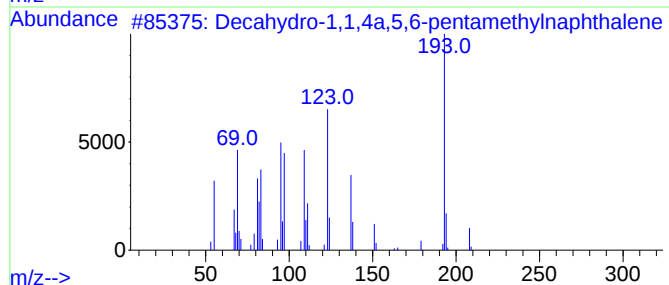
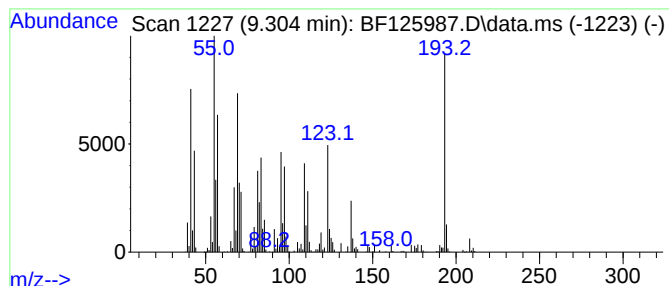
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.304 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	14.94 ng	2177420	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	30
2			Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-95-1	30
3			Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	27
4			Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	27
5			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
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Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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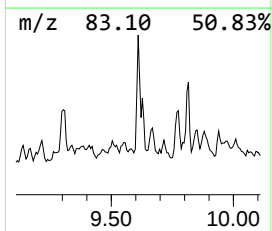
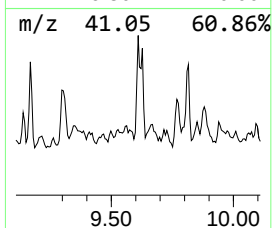
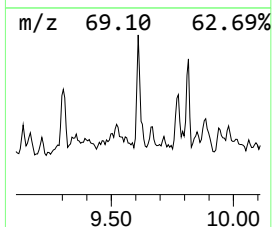
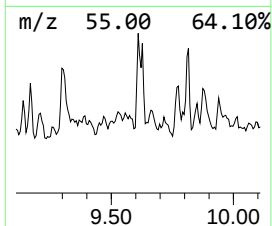
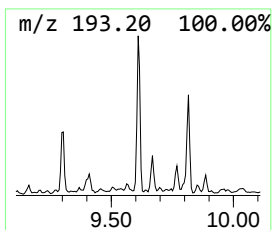
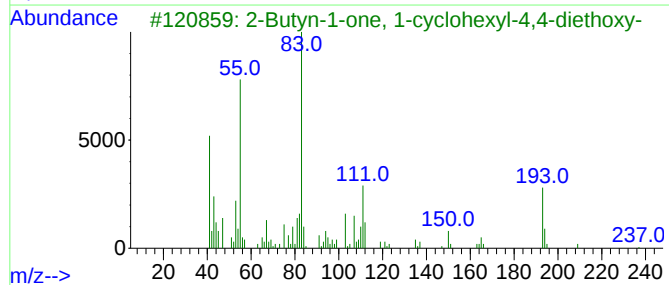
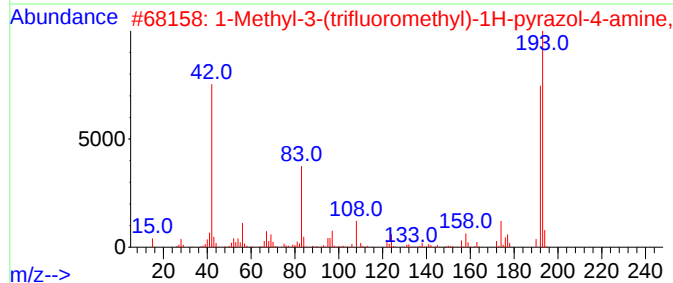
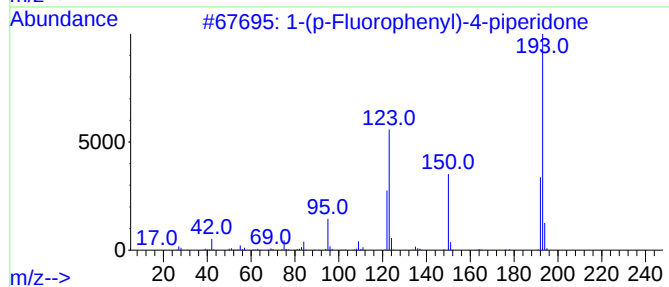
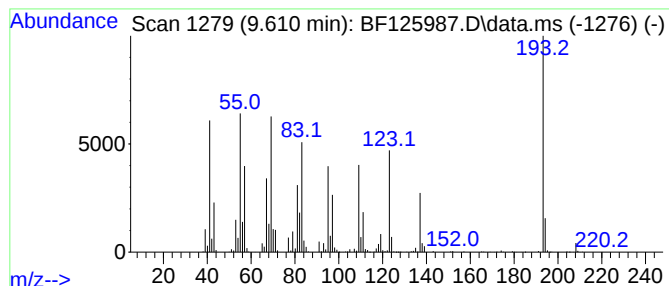
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown9.610 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	20.48 ng	2984570	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43		
2	1-Methyl-3-(trifluoromethyl)-1H-...	193	C7H10F3N3	1000511-73-1	35		
3	2-Butyn-1-one, 1-cyclohexyl-4,4-...	238	C14H22O3	055402-05-6	35		
4	Desoxy-minoxidyl	193	C9H15N5	024867-26-3	30		
5	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	25		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-2

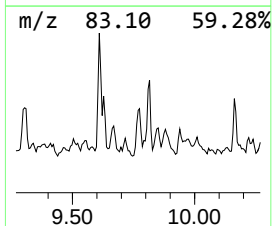
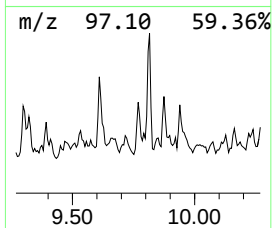
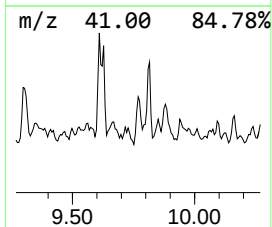
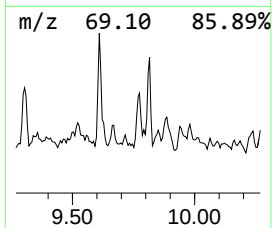
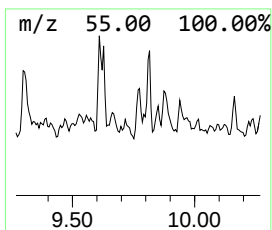
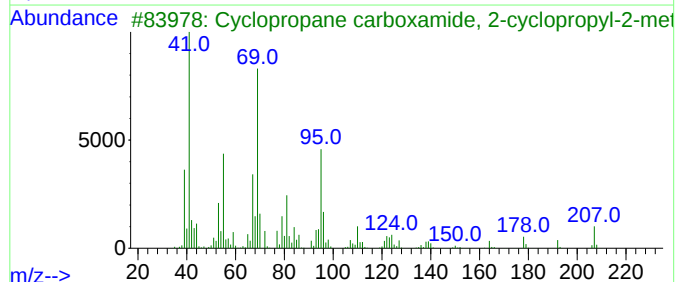
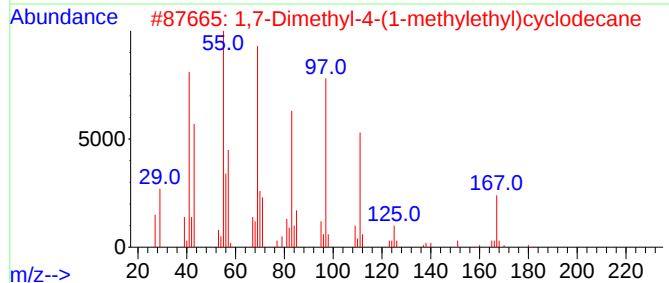
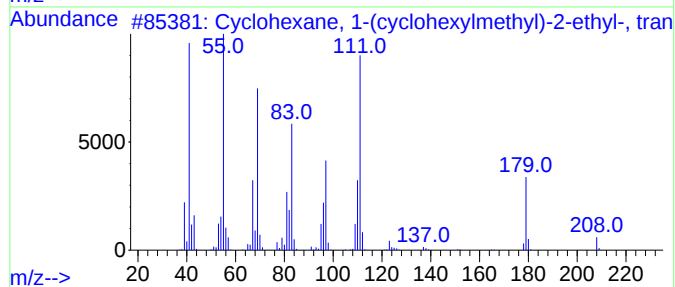
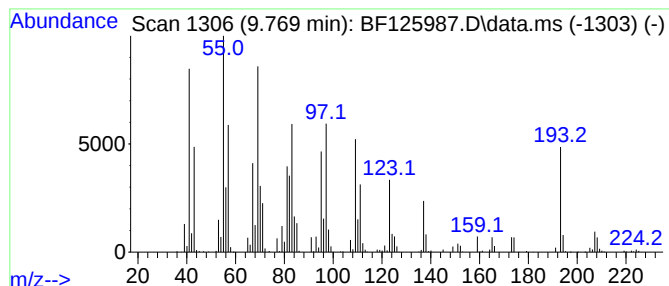
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.769 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	9.90 ng	1443380	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl)...	208	C15H28	054934-92-8	49
2			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
3			Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	38
4			1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	35
5			1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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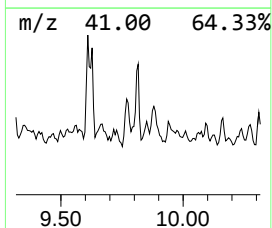
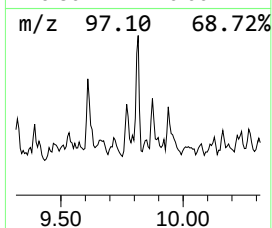
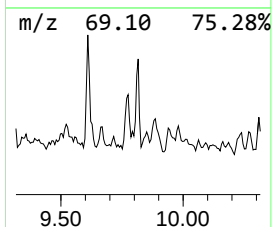
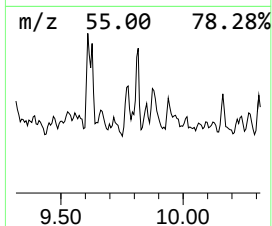
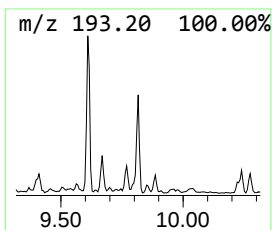
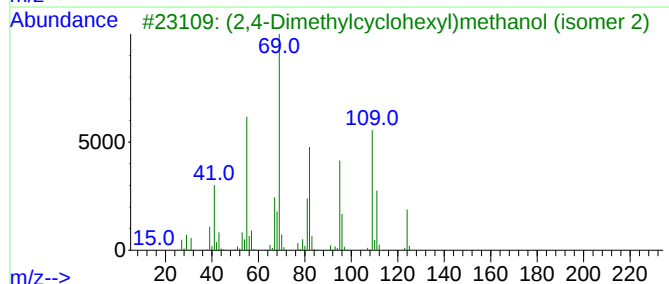
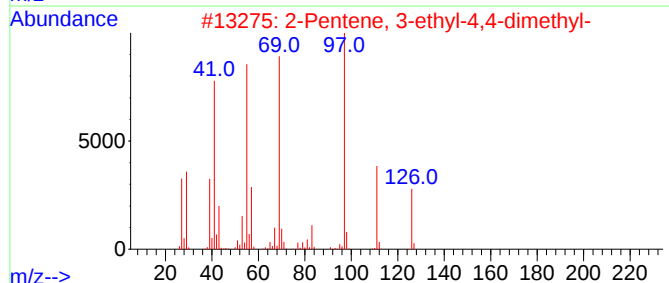
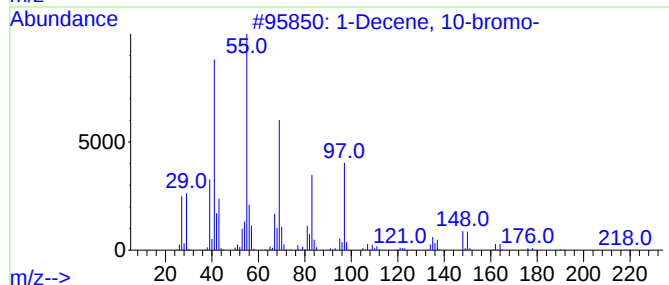
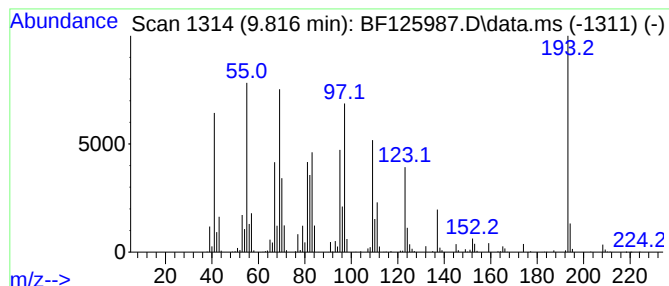
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown9.816 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	12.98 ng	1891390	Acenaphthene-d10	9.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	22
2		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22
3		(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	22
4		Disparlure	282	C19H38O	029804-22-6	22
5		1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-2

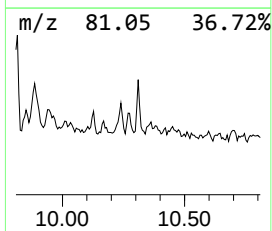
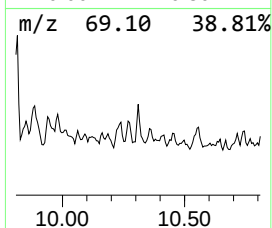
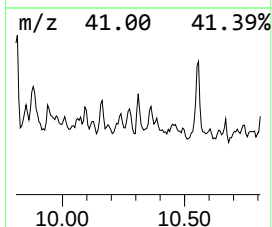
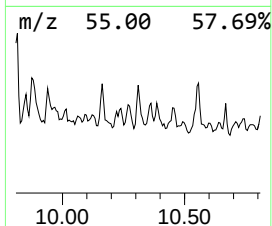
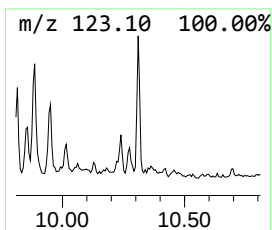
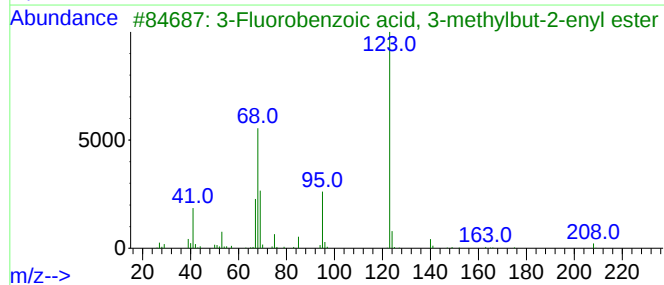
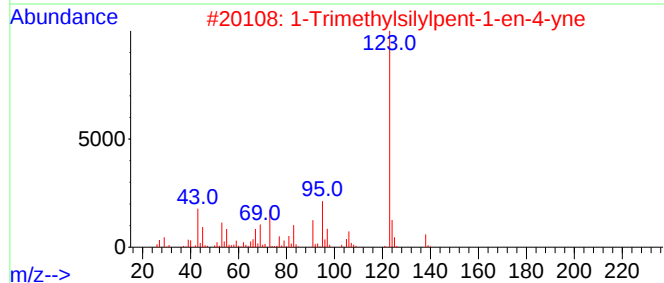
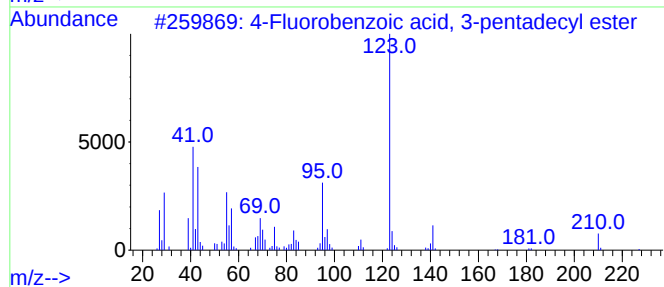
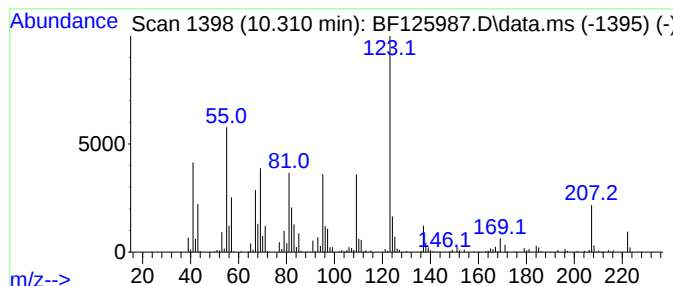
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown10.310 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	7.02 ng	1023600	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Fluorobenzoic acid, 3-pentadec...	350	C22H35F02	1000280-68-4	47
2			1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	47
3			3-Fluorobenzoic acid, 3-methylbu...	208	C12H13F02	154559-38-3	45
4			2-Fluoro-N-(1,3-thiazol-2-yl)ben...	222	C10H7FN2OS	000319-38-0	43
5			Benzaldehyde, 2-fluoro-	124	C7H5FO	000446-52-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

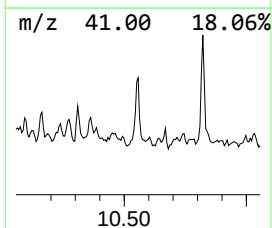
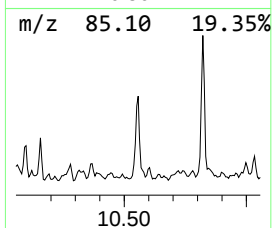
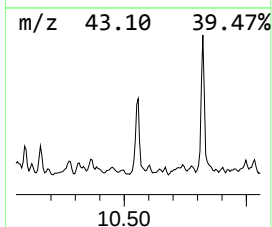
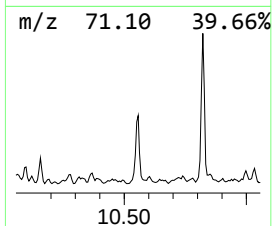
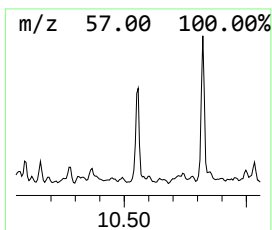
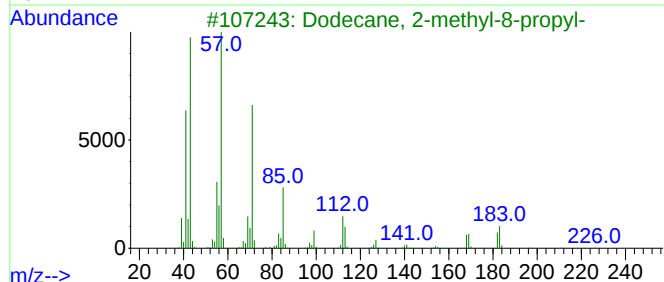
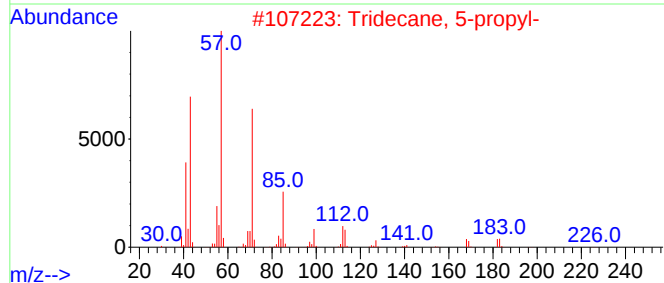
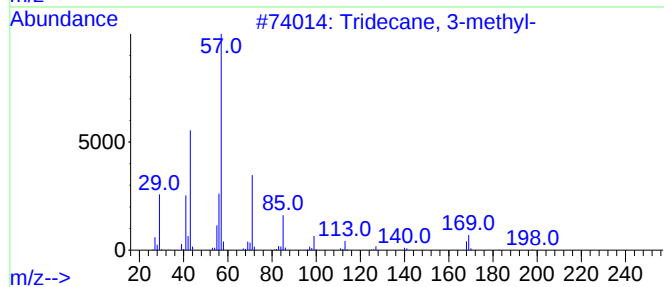
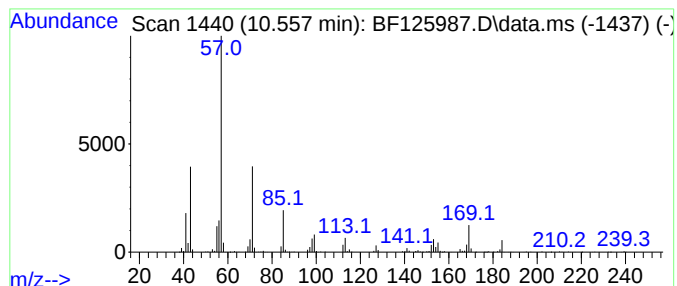
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	12.40 ng	1807990	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	62
3			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	49
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	49
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

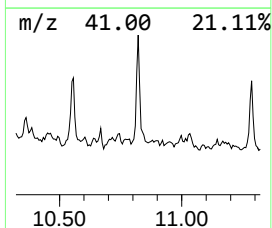
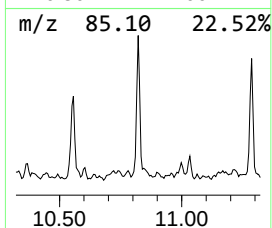
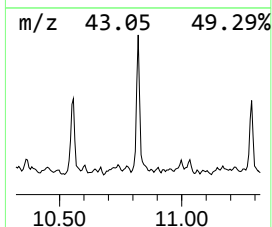
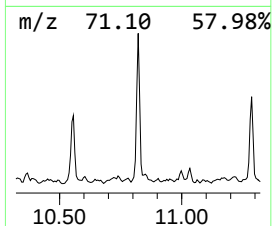
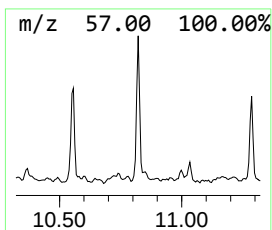
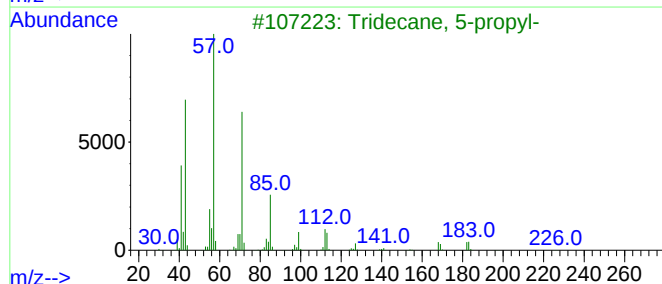
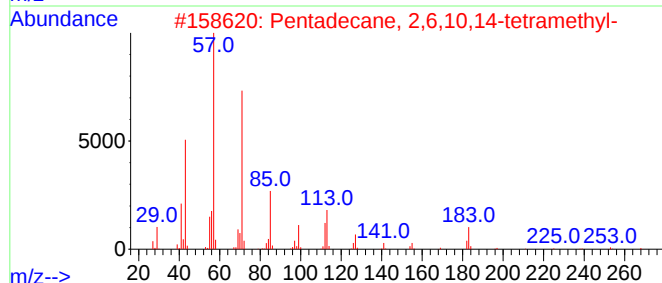
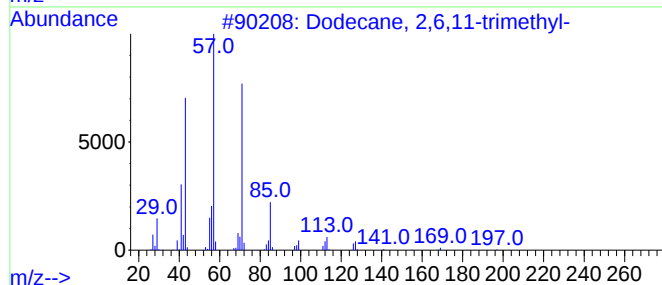
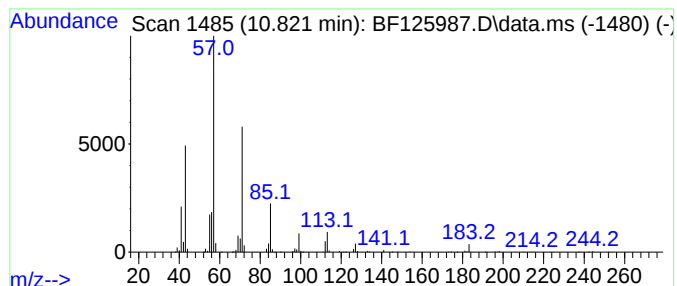
Instrument :
BNA_F
ClientSampled :
SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.822	53.80 ng	3208580	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	78
2	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	78
3	Tridecane, 5-propyl-		226	C16H34	055045-11-9	72
4	Nonane, 2-methyl-5-propyl-		184	C13H28	031081-17-1	72
5	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
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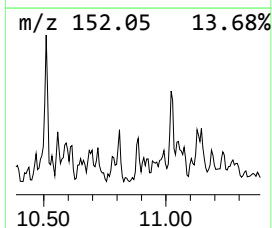
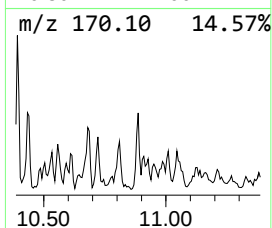
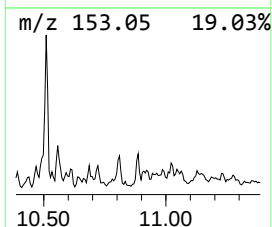
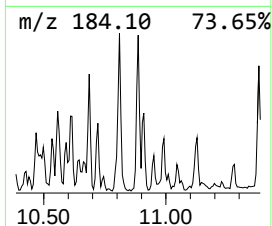
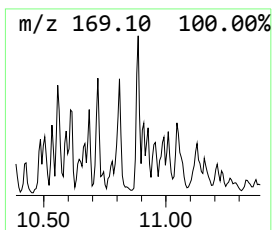
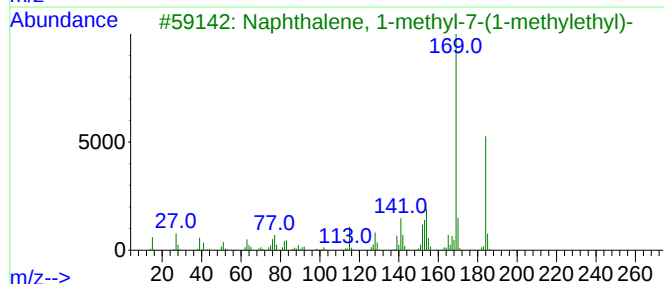
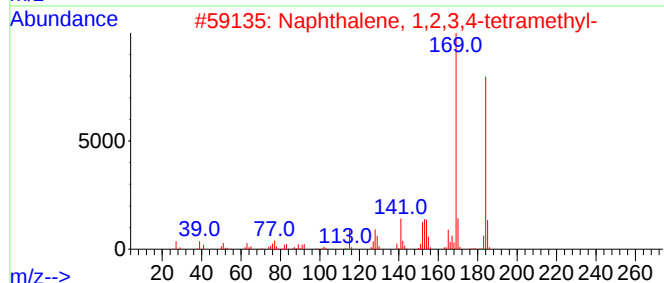
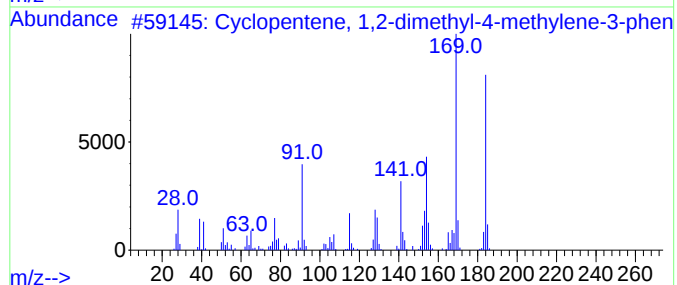
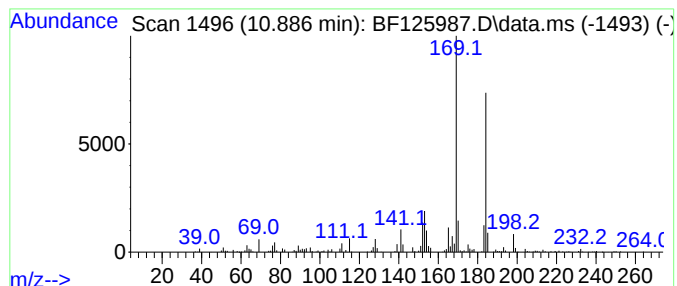
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclopentene, 1,2-dimethyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.886	7.99 ng	476782	Phenanthrene-d10	11.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	90
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
4	Chamazulene	184	C14H16	000529-05-5	86
5	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

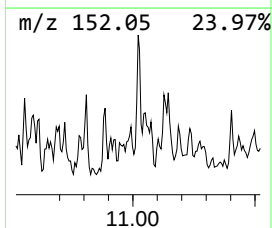
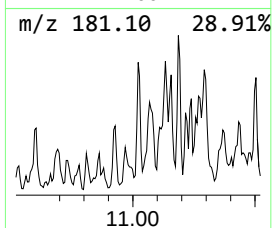
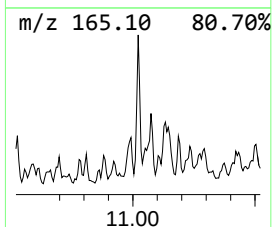
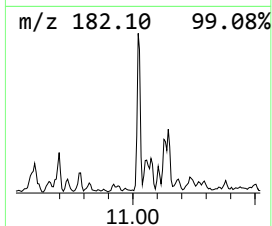
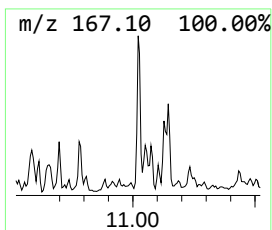
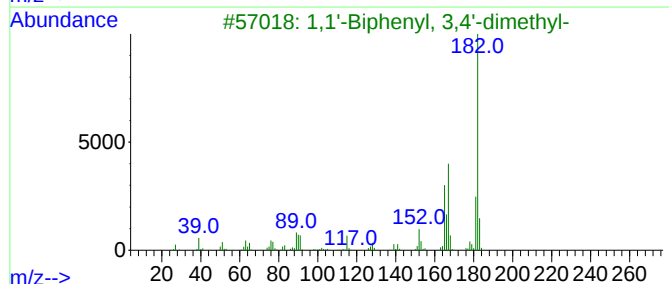
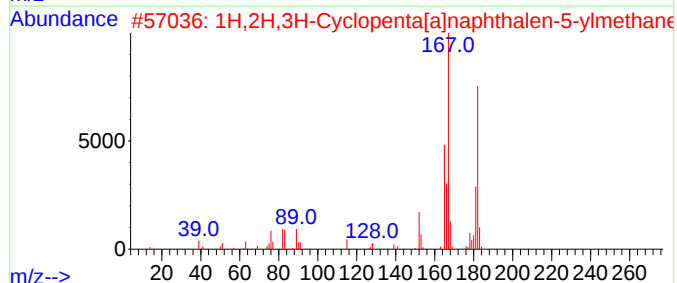
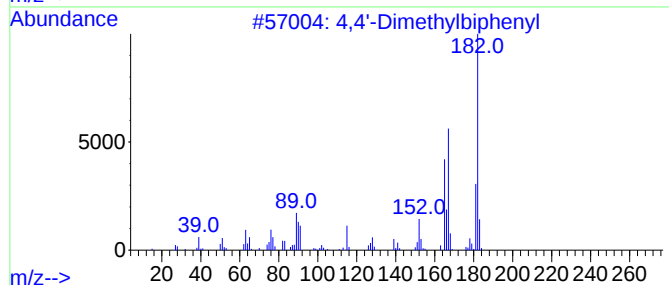
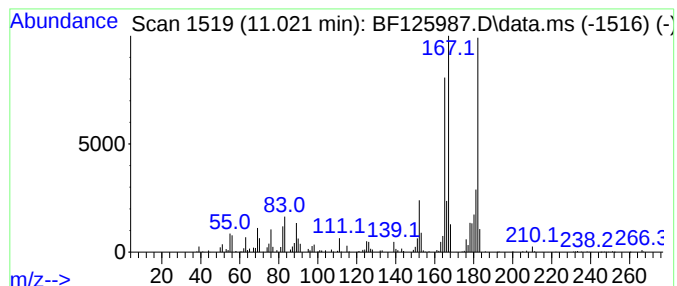
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 4,4'-Dimethylbiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.022	19.53 ng	1164580	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl		182	C14H14	000613-33-2	93
2	1H,2H,3H-Cyclopenta[a]naphthalen...		182	C14H14	001624-22-2	89
3	1,1'-Biphenyl, 3,4'-dimethyl-		182	C14H14	007383-90-6	80
4	1,1'-Biphenyl, 2,3'-dimethyl-		182	C14H14	000611-43-8	70
5	1,1'-Biphenyl, 2,4'-dimethyl-		182	C14H14	000611-61-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

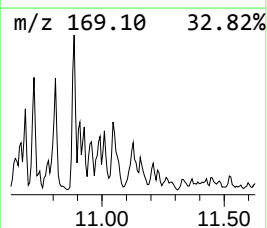
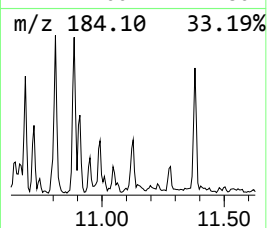
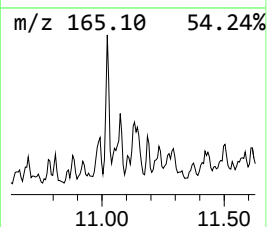
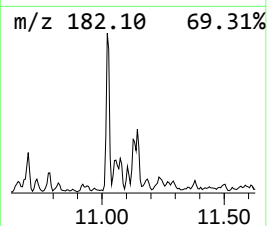
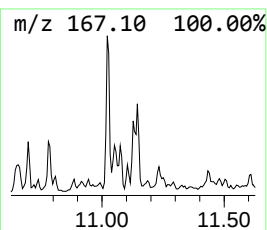
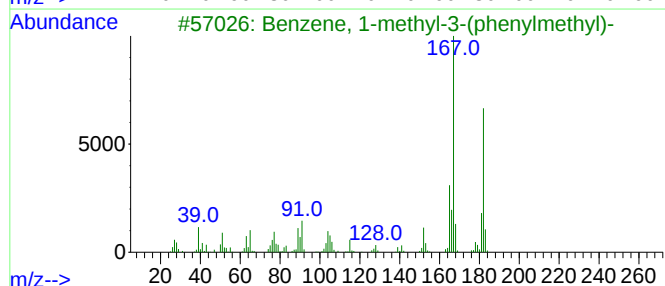
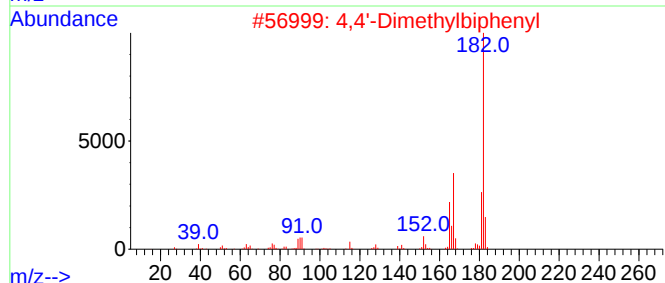
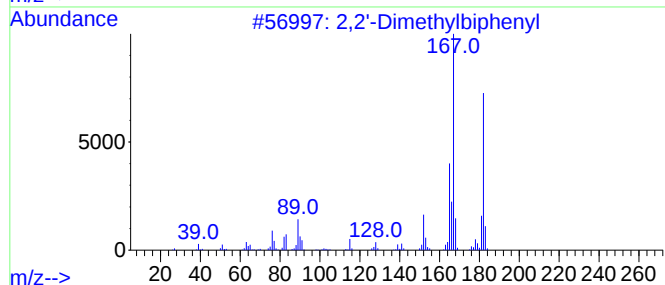
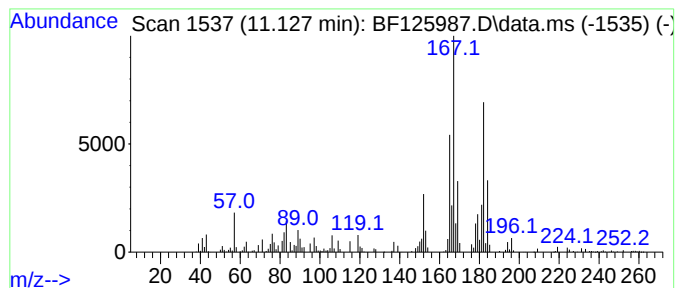
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2,2'-Dimethylbiphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	7.07 ng	421422	Phenanthrene-d10	11.380
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	2,2'-Dimethylbiphenyl	182 C14H14	000605-39-0	76
2	4,4'-Dimethylbiphenyl	182 C14H14	000613-33-2	76
3	Benzene, 1-methyl-3-(phenylmethyl)-	182 C14H14	000620-47-3	70
4	1H,2H,3H-Cyclopenta[a]naphthalen...	182 C14H14	001624-22-2	70
5	Benzene, 1-methyl-4-(phenylmethyl)-	182 C14H14	000620-83-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

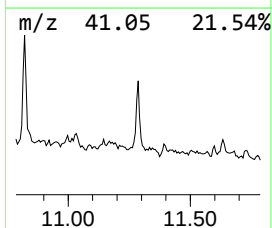
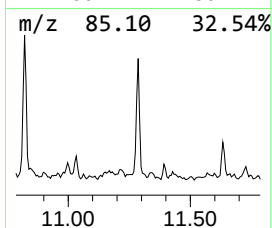
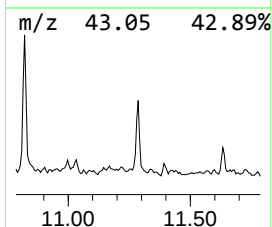
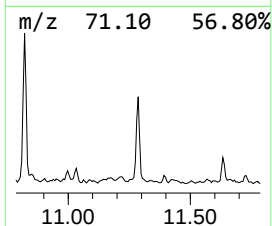
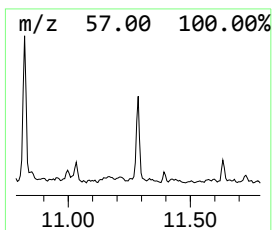
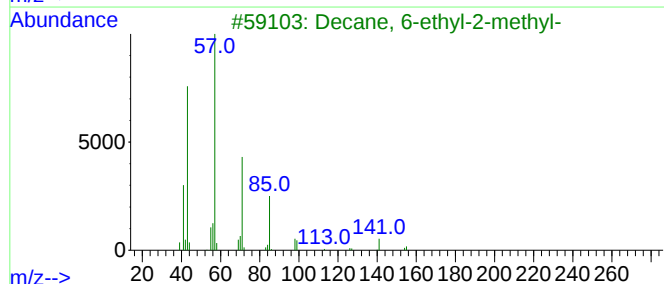
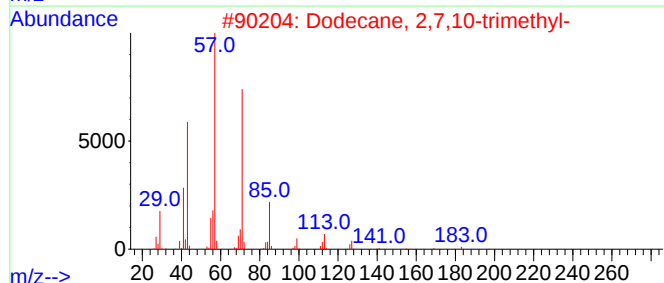
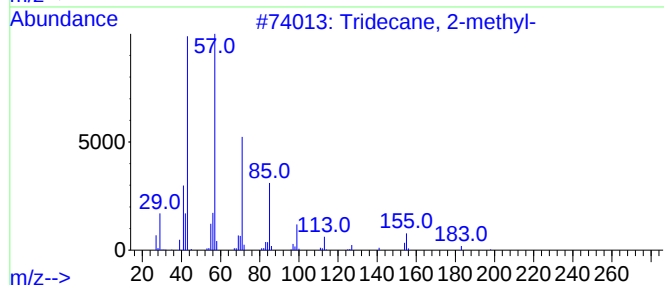
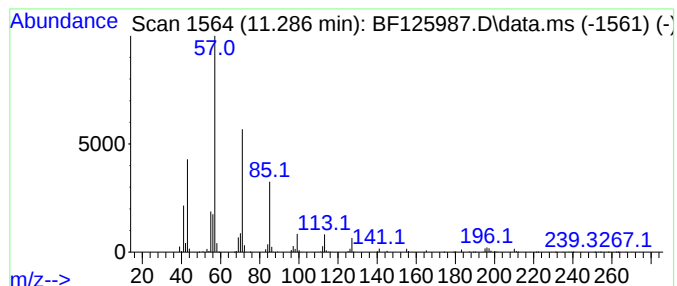
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	35.08 ng	2091870	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

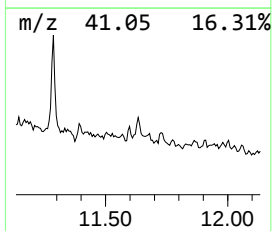
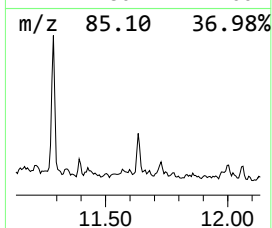
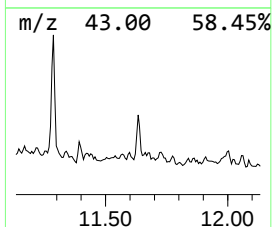
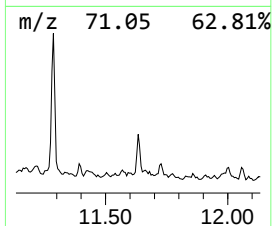
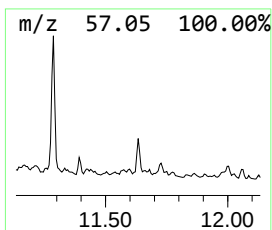
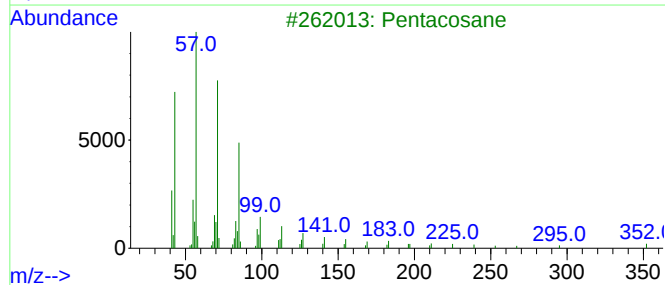
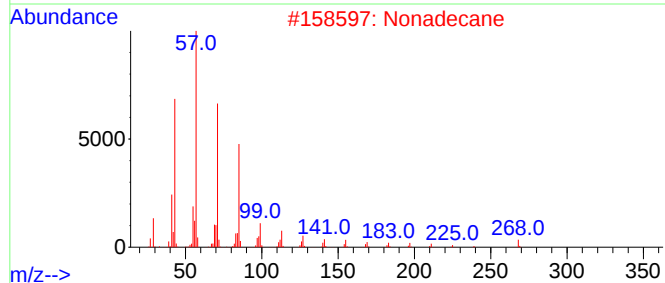
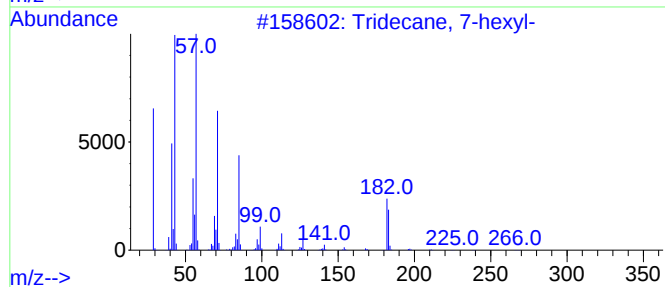
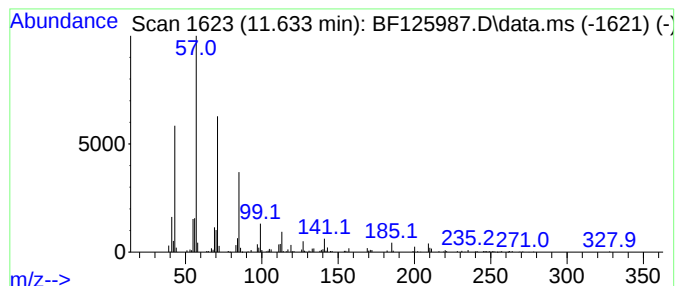
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tridecane, 7-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	8.16 ng	486699	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2		Nonadecane	268	C19H40	000629-92-5	86
3		Pentacosane	352	C25H52	000629-99-2	86
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125987.D
Acq On : 28 Oct 2021 14:12
Operator : JU/CG
Sample : M4372-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Ethyl-2,2,6-t...	7.133	7.3	ng	458528	1	6.857	1252440	20.0
Naphthalene, de...	7.257	8.4	ng	525350	1	6.857	1252440	20.0
trans-4a-Methyl...	7.786	8.2	ng	1149230	2	8.139	2820370	20.0
Undecane, 2,6-d...	8.210	6.8	ng	954244	2	8.139	2820370	20.0
unknown8.439	8.439	8.1	ng	1138190	2	8.139	2820370	20.0
Octane, 3,6-dim...	8.569	10.3	ng	1454280	2	8.139	2820370	20.0
Tridecane, 7-me...	8.692	8.2	ng	1156780	2	8.139	2820370	20.0
unknown8.833	8.833	6.9	ng	974560	2	8.139	2820370	20.0
unknown9.304	9.304	14.9	ng	2177420	3	9.898	2915050	20.0
unknown9.610	9.610	20.5	ng	2984570	3	9.898	2915050	20.0
unknown9.769	9.769	9.9	ng	1443380	3	9.898	2915050	20.0
unknown9.816	9.816	13.0	ng	1891390	3	9.898	2915050	20.0
unknown10.310	10.310	7.0	ng	1023600	3	9.898	2915050	20.0
Tridecane, 3-me...	10.557	12.4	ng	1807990	3	9.898	2915050	20.0
Dodecane, 2,6,1...	10.822	53.8	ng	3208580	4	11.380	1192790	20.0
Cyclopentene, 1...	10.886	8.0	ng	476782	4	11.380	1192790	20.0
4,4'-Dimethylbi...	11.022	19.5	ng	1164580	4	11.380	1192790	20.0
2,2'-Dimethylbi...	11.127	7.1	ng	421422	4	11.380	1192790	20.0
Tridecane, 2-me...	11.286	35.1	ng	2091870	4	11.380	1192790	20.0
Tridecane, 7-he...	11.633	8.2	ng	486699	4	11.380	1192790	20.0