

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125525.D
 Acq On : 16 Sep 2021 2:28
 Operator : JU/CG
 Sample : M3731-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-091421

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-BF091521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	7	12	19	rVB	354319	432330	33.72%	1.616%
2	5.075	505	508	518	rBV	33482	35829	2.79%	0.134%
3	5.487	574	578	593	rBV	750889	718161	56.01%	2.684%
4	6.498	747	750	763	rBV2	803712	851763	66.44%	3.183%
5	6.698	780	784	786	rBV	86737	82249	6.42%	0.307%
6	6.869	809	813	816	rVB	1164587	1052403	82.08%	3.933%
7	7.004	834	836	841	rVB3	43945	46056	3.59%	0.172%
8	7.134	853	858	861	rVV3	80548	92986	7.25%	0.348%
9	7.163	861	863	865	rBV	41864	34576	2.70%	0.129%
10	7.198	867	869	873	rVB	59079	57003	4.45%	0.213%
11	7.245	873	877	882	rBV2	75264	126221	9.84%	0.472%
12	7.286	882	884	889	rVB5	23994	35156	2.74%	0.131%
13	7.398	898	903	905	rBV2	95359	118613	9.25%	0.443%
14	7.428	905	908	910	rBV	443591	378593	29.53%	1.415%
15	7.457	910	913	917	rVB	491586	425682	33.20%	1.591%
16	7.510	917	922	925	rBV5	111472	148871	11.61%	0.556%
17	7.551	925	929	930	rBV2	64754	86662	6.76%	0.324%
18	7.639	941	944	946	rBV2	101190	89774	7.00%	0.336%
19	7.663	946	948	951	rVB2	85136	88962	6.94%	0.332%
20	7.745	958	962	964	rBV2	52933	76500	5.97%	0.286%
21	7.769	964	966	967	rVV	80232	65679	5.12%	0.245%
22	7.786	967	969	970	rVV	81705	61801	4.82%	0.231%
23	7.828	973	976	978	rVB2	110118	126677	9.88%	0.473%
24	7.857	978	981	984	rBV3	122010	130851	10.21%	0.489%
25	7.892	984	987	989	rVV2	232749	243825	19.02%	0.911%
26	7.939	992	995	996	rVV	106883	81592	6.36%	0.305%
27	7.963	996	999	1002	rVV3	106423	110744	8.64%	0.414%
28	7.986	1002	1003	1005	rVB2	63784	37498	2.92%	0.140%
29	8.022	1005	1009	1012	rBV2	113733	125028	9.75%	0.467%
30	8.051	1012	1014	1016	rBV2	70746	78128	6.09%	0.292%
31	8.098	1017	1022	1023	rVV4	70636	127170	9.92%	0.475%
32	8.128	1023	1027	1029	rVV	1094827	1073523	83.73%	4.012%
33	8.151	1029	1031	1034	rVV	1560603	1239780	96.70%	4.634%
34	8.204	1036	1040	1043	rVB2	508513	479346	37.39%	1.792%
35	8.233	1043	1045	1048	rBV2	160562	154055	12.02%	0.576%
36	8.298	1053	1056	1058	rBV3	93120	115643	9.02%	0.432%

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37	8.351	1062	1065	1067	rVB2	218136	216402	16.88%	0.809%
38	8.398	1070	1073	1074	rBV2	62459	64089	5.00%	0.240%
39	8.439	1076	1080	1084	rVB5	291913	346186	27.00%	1.294%
40	8.486	1086	1088	1092	rBV3	128587	160543	12.52%	0.600%
41	8.522	1092	1094	1098	rVB3	231928	245683	19.16%	0.918%
42	8.563	1098	1101	1104	rBV	592681	535261	41.75%	2.001%
43	8.586	1104	1105	1107	rVB2	124787	74786	5.83%	0.280%
44	8.610	1107	1109	1113	rVB3	82886	88535	6.91%	0.331%
45	8.651	1113	1116	1119	rBV2	281837	235767	18.39%	0.881%
46	8.686	1119	1122	1124	rBV4	123359	148802	11.61%	0.556%
47	8.710	1124	1126	1127	rBV	60722	38787	3.03%	0.145%
48	8.733	1127	1130	1134	rVB	1187090	1085837	84.69%	4.058%
49	8.810	1141	1143	1144	rVB2	115493	55811	4.35%	0.209%
50	8.833	1144	1147	1150	rVB2	234384	271947	21.21%	1.016%
51	8.898	1155	1158	1160	rVB3	93387	73677	5.75%	0.275%
52	8.928	1160	1163	1165	rBV4	91724	133794	10.44%	0.500%
53	8.975	1168	1171	1173	rBV	291264	243630	19.00%	0.911%
54	9.016	1175	1178	1180	rBV4	136562	129712	10.12%	0.485%
55	9.098	1189	1192	1197	rVB3	245352	304378	23.74%	1.138%
56	9.139	1197	1199	1201	rVV	195194	133766	10.43%	0.500%
57	9.163	1201	1203	1206	rVV	578491	487578	38.03%	1.822%
58	9.222	1210	1213	1218	rVB	924734	861724	67.21%	3.221%
59	9.263	1218	1220	1222	rVB	73463	53422	4.17%	0.200%
60	9.304	1222	1227	1230	rBV	1304083	1282092	100.00%	4.792%
61	9.339	1231	1233	1237	rVV4	114228	165127	12.88%	0.617%
62	9.375	1237	1239	1242	rVB	229636	188507	14.70%	0.705%
63	9.492	1255	1259	1264	rVB6	77008	126464	9.86%	0.473%
64	9.557	1264	1270	1272	rBV4	145002	243553	19.00%	0.910%
65	9.580	1272	1274	1277	rVV3	156306	147312	11.49%	0.551%
66	9.622	1277	1281	1283	rVV3	455381	531741	41.47%	1.987%
67	9.645	1283	1285	1288	rVB2	160606	185453	14.46%	0.693%
68	9.680	1288	1291	1293	rBV2	187938	140663	10.97%	0.526%
69	9.774	1304	1307	1310	rVB4	64940	60957	4.75%	0.228%
70	9.827	1313	1316	1321	rVB	830114	781843	60.98%	2.922%
71	9.869	1321	1323	1324	rBV	55903	45390	3.54%	0.170%
72	9.910	1326	1330	1333	rVB	1525227	1279309	99.78%	4.781%
73	10.004	1344	1346	1351	rVB4	59778	66516	5.19%	0.249%
74	10.063	1352	1356	1358	rVV3	83757	118441	9.24%	0.443%
75	10.086	1358	1360	1362	rVV	95051	95590	7.46%	0.357%
76	10.116	1363	1365	1368	rVV2	79196	68701	5.36%	0.257%

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77	10.151	1368	1371	1375	rVV3	153541	166920	13.02%	0.624%
78	10.186	1375	1377	1380	rVB	81426	69614	5.43%	0.260%
79	10.222	1380	1383	1387	rBV4	54334	84599	6.60%	0.316%
80	10.327	1396	1401	1404	rBV	547830	479914	37.43%	1.794%
81	10.357	1404	1406	1409	rVV2	48899	53452	4.17%	0.200%
82	10.386	1409	1411	1416	rVB5	48461	63662	4.97%	0.238%
83	10.551	1434	1439	1445	rVB	136767	200907	15.67%	0.751%
84	10.604	1445	1448	1450	rVB2	37581	31335	2.44%	0.117%
85	10.669	1457	1459	1461	rVB2	50288	37542	2.93%	0.140%
86	10.698	1461	1464	1468	rBV	226912	211385	16.49%	0.790%
87	10.804	1478	1482	1487	rBV	238695	271053	21.14%	1.013%
88	11.063	1523	1526	1529	rBV4	30607	36545	2.85%	0.137%
89	11.251	1555	1558	1560	rBV	107320	81407	6.35%	0.304%
90	11.280	1560	1563	1569	rVB2	59497	71136	5.55%	0.266%
91	11.398	1579	1583	1586	rBV	1292951	1130993	88.21%	4.227%
92	11.674	1628	1630	1637	rVV2	54224	62668	4.89%	0.234%
93	11.921	1668	1672	1683	rBV	330762	414660	32.34%	1.550%
94	12.486	1763	1768	1771	rBV3	54010	84618	6.60%	0.316%
95	12.610	1786	1789	1792	rBV	55311	53928	4.21%	0.202%
96	12.710	1804	1806	1812	rBV6	47923	65690	5.12%	0.246%
97	12.845	1823	1829	1833	rBV2	71271	104206	8.13%	0.389%
98	12.980	1848	1852	1855	rBV	703622	609546	47.54%	2.278%
99	14.039	2028	2032	2035	rBV	917430	825944	64.42%	3.087%
100	15.527	2281	2285	2292	rVB	610404	796497	62.12%	2.977%

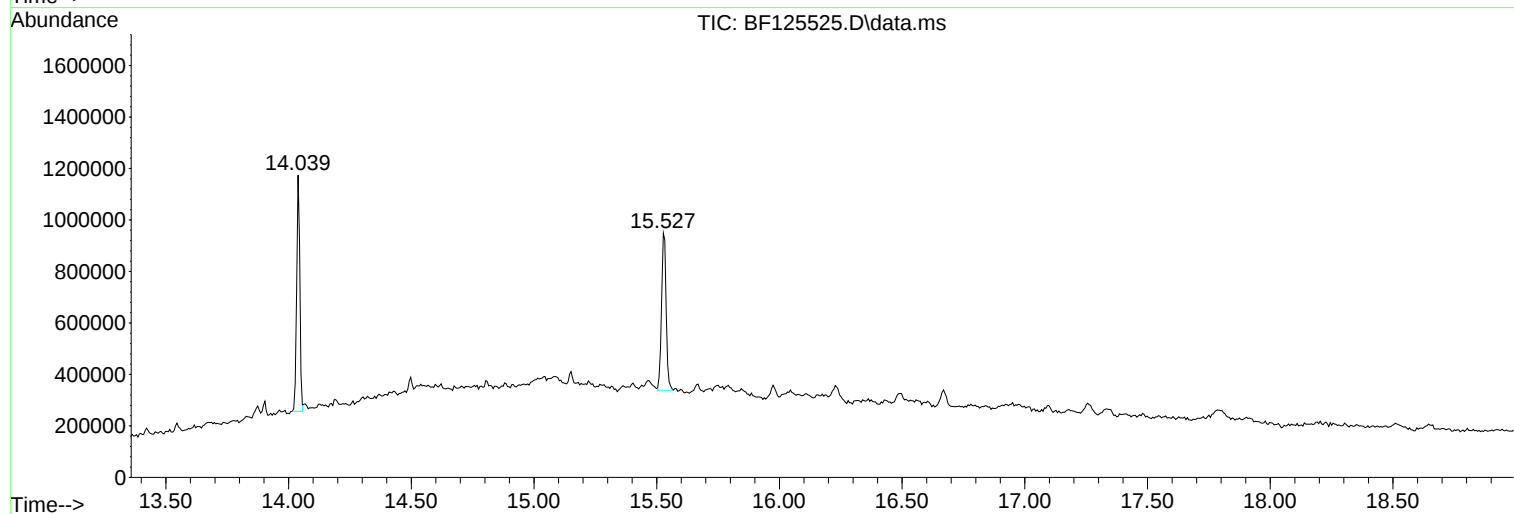
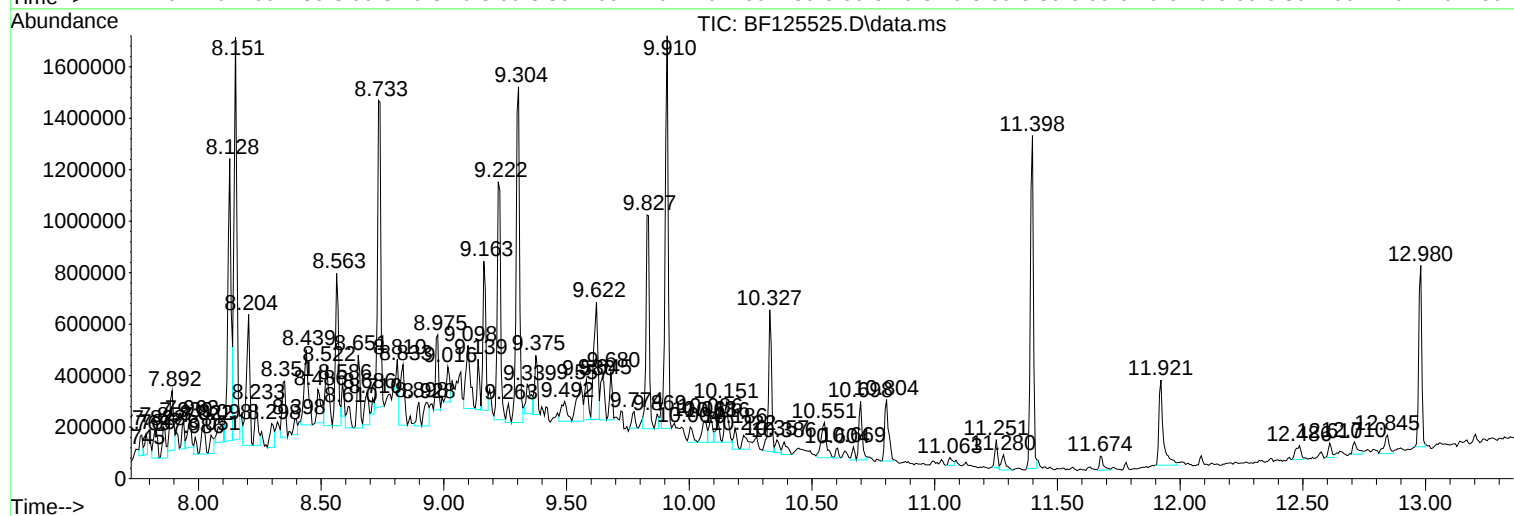
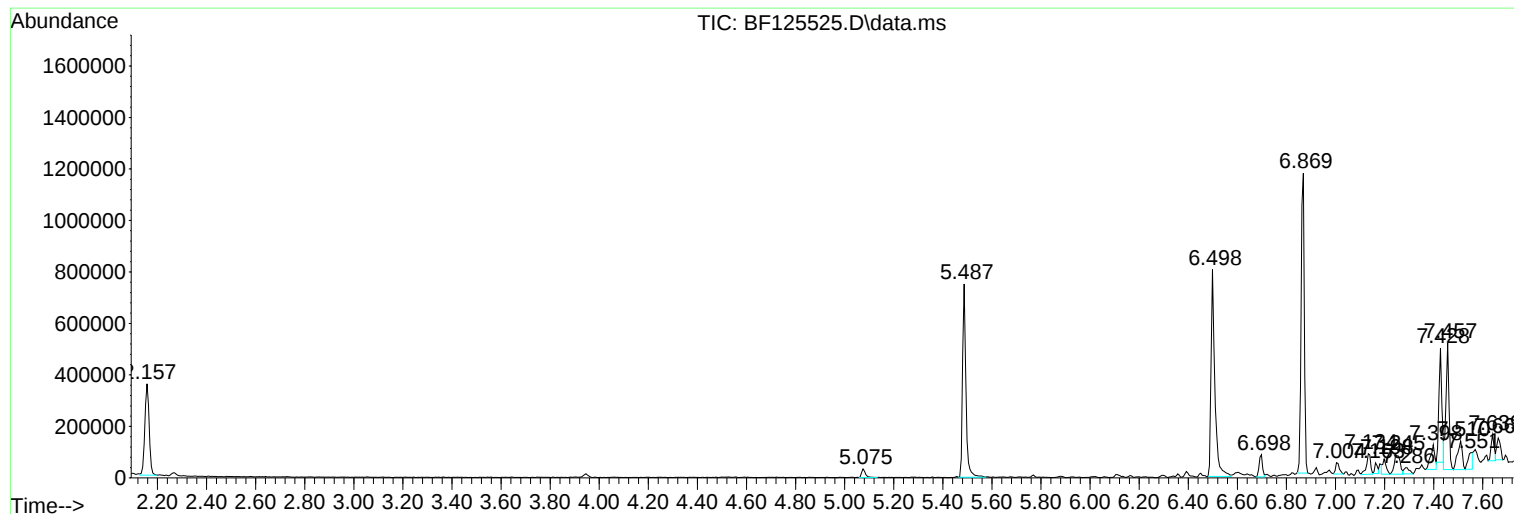
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
HR-02-091421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.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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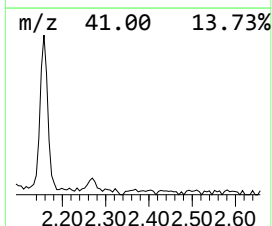
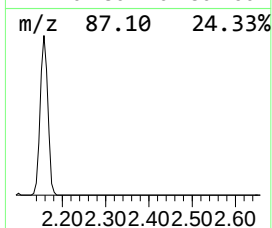
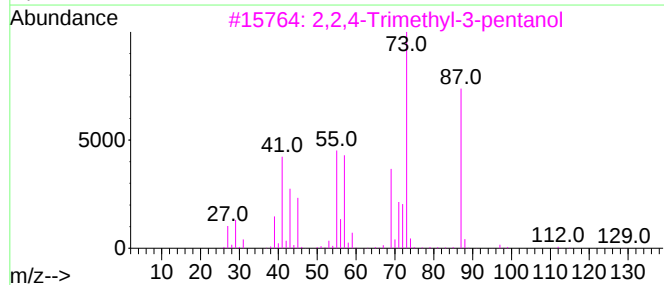
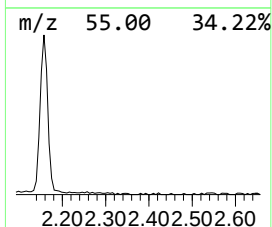
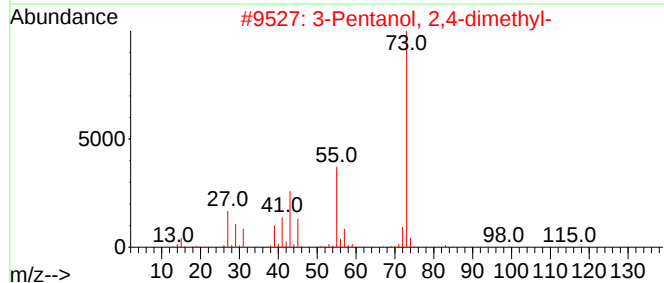
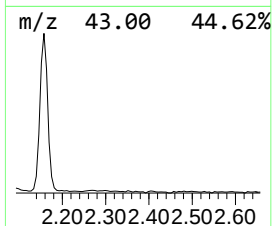
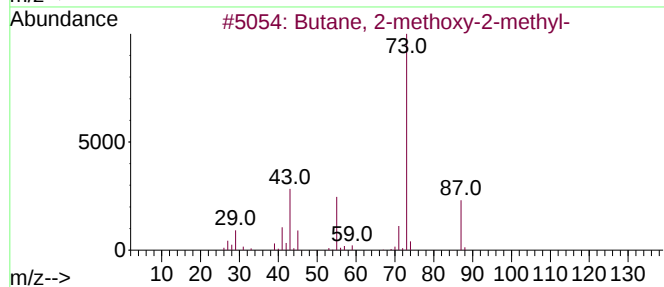
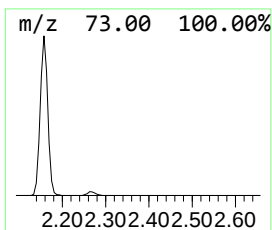
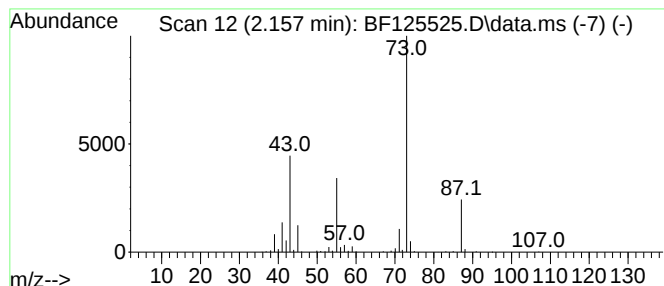
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	8.22 ng	432330	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	32
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	32



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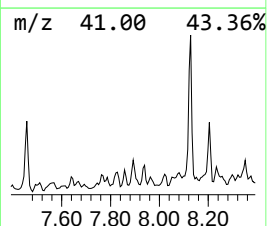
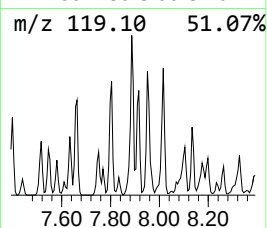
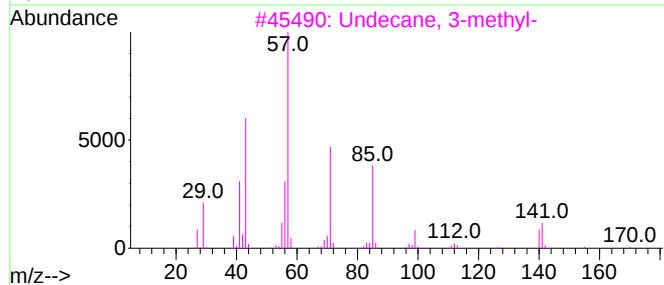
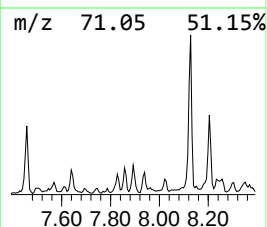
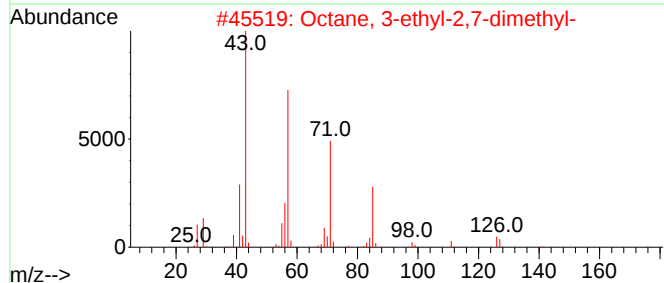
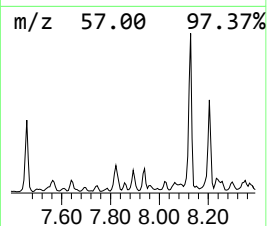
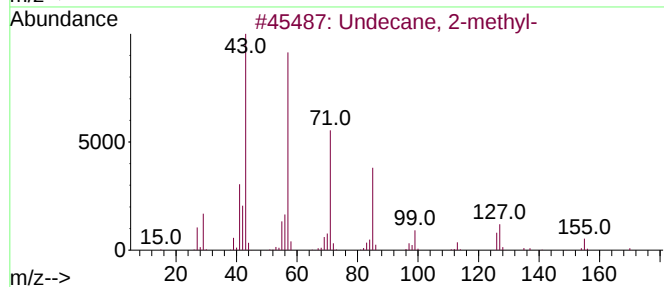
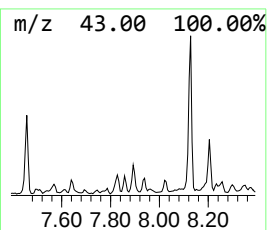
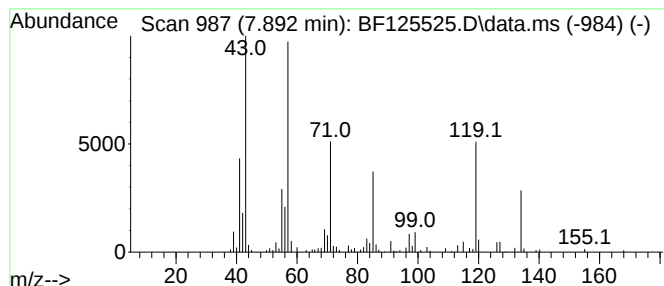
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.892	3.93 ng	243825	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	50
2			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	49
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46



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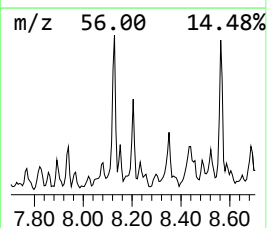
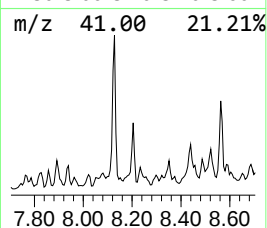
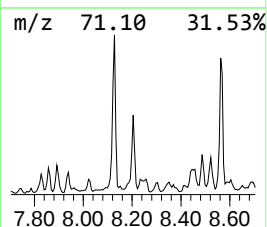
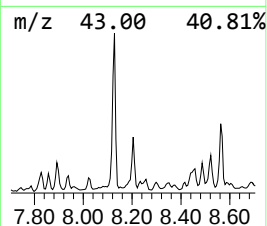
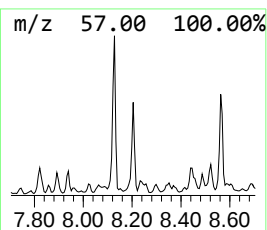
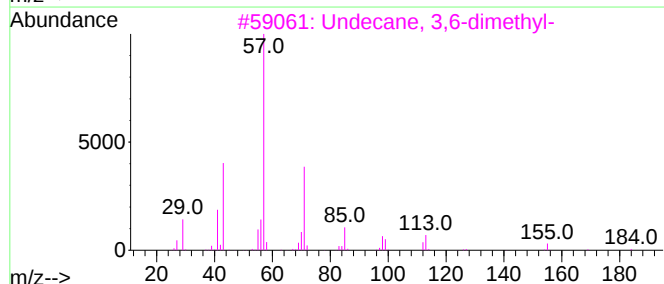
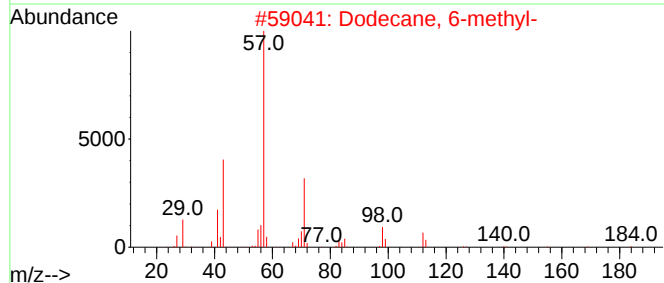
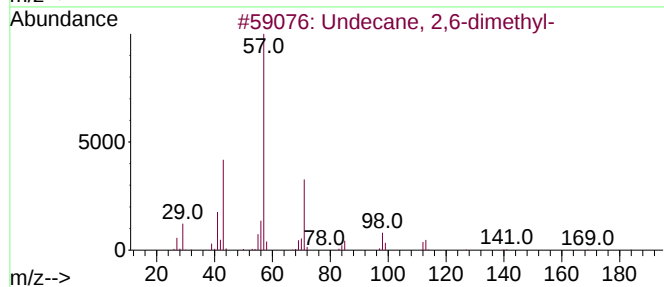
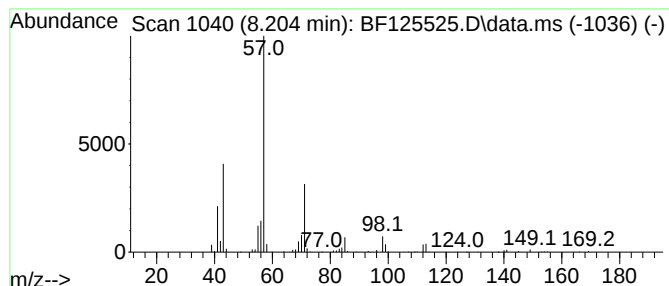
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.204	7.73 ng	479346	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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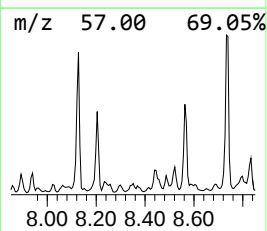
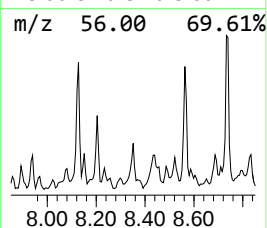
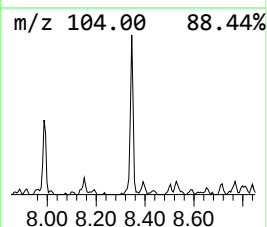
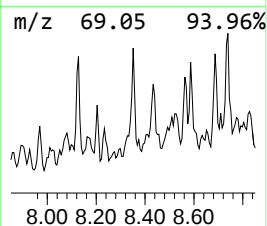
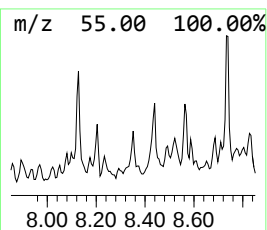
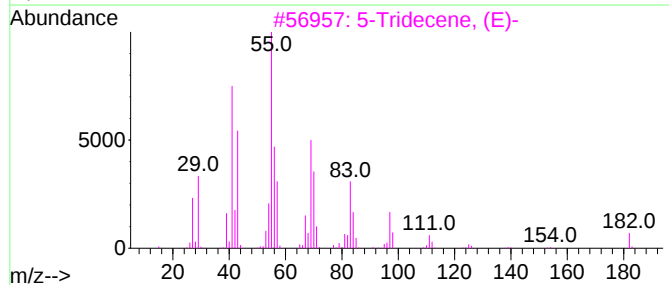
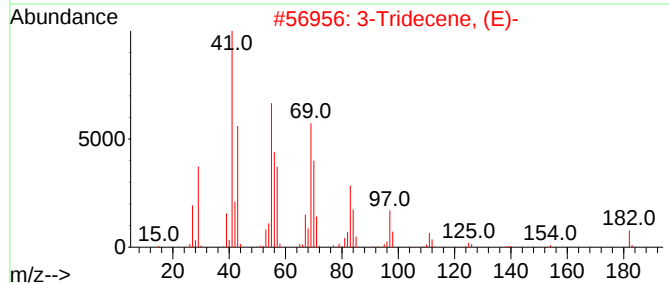
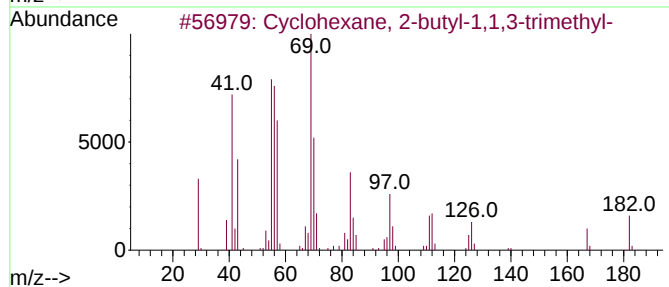
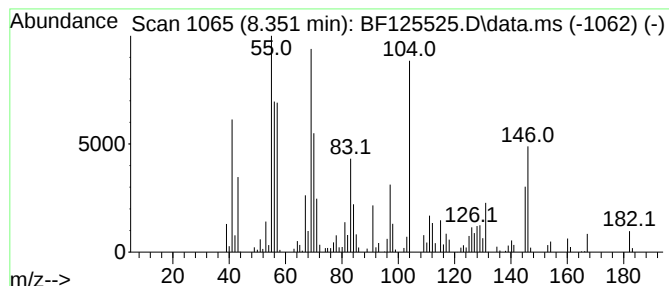
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	3.49 ng	216402	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2			3-Tridecene, (E)-	182	C13H26	041446-57-5	78
3			5-Tridecene, (E)-	182	C13H26	023051-84-5	78
4			6-Tridecene, (E)-	182	C13H26	006434-76-0	70
5			6-Tridecene, (Z)-	182	C13H26	006508-77-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
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Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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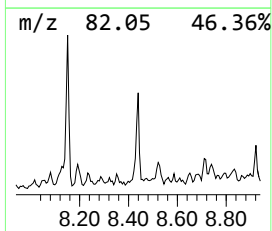
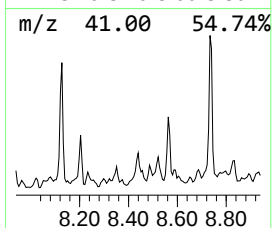
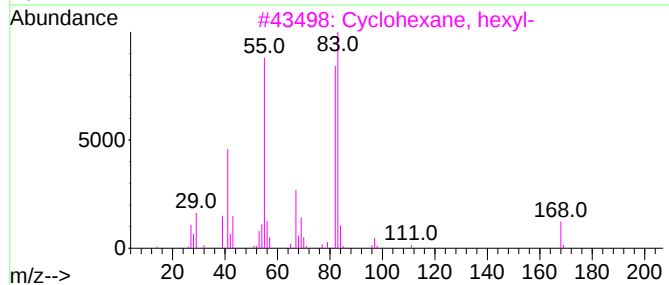
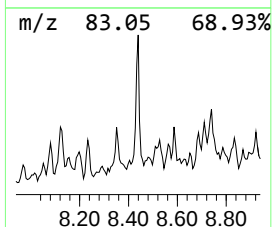
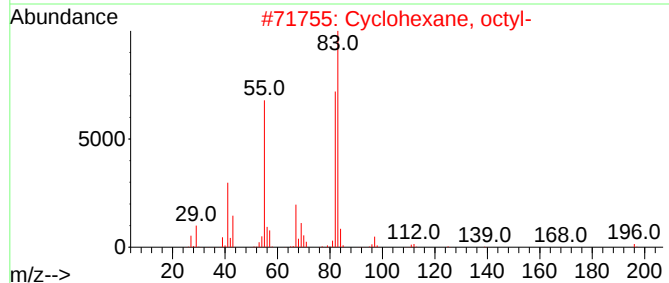
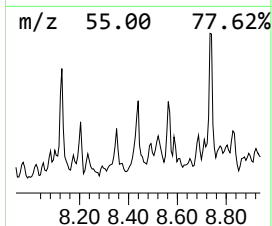
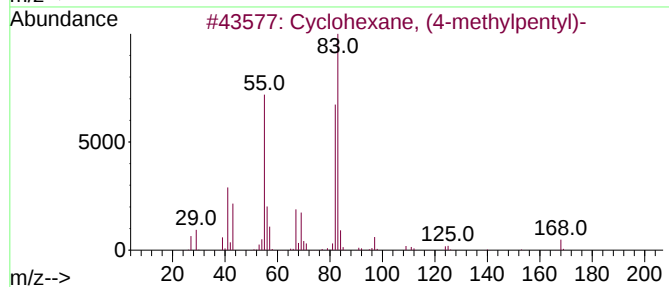
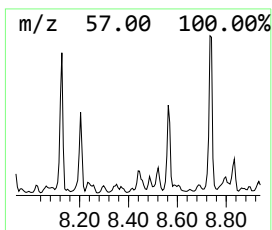
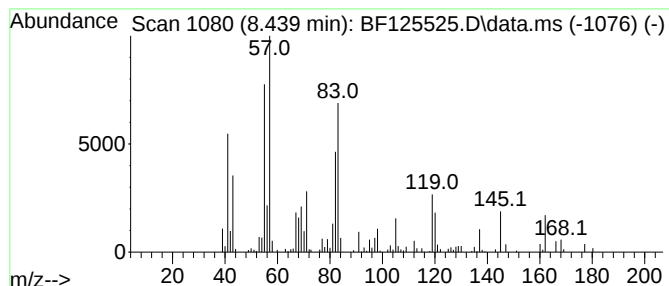
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.439 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	5.58 ng	346186	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	35
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
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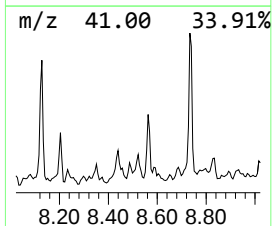
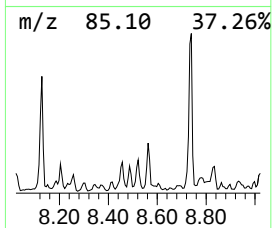
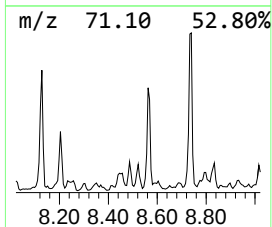
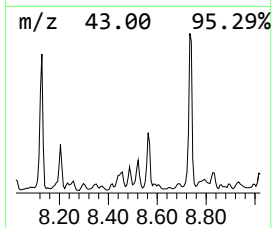
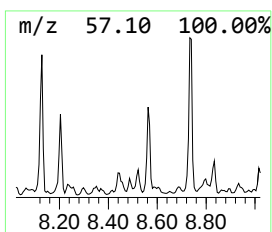
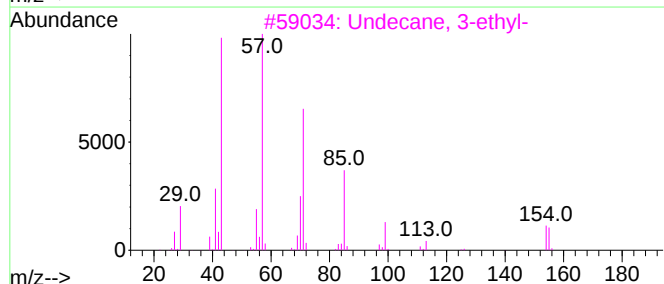
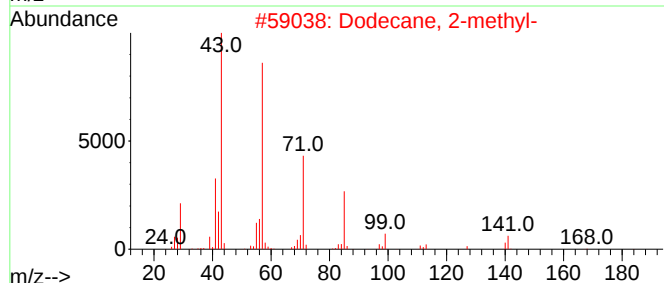
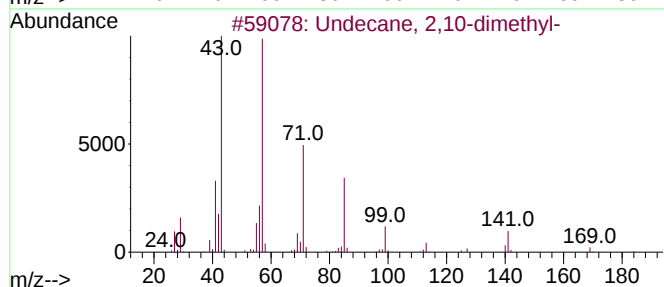
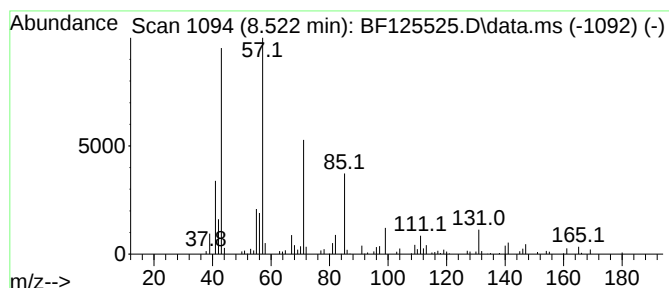
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,10-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	3.96 ng	245683	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-		184	C13H28	017301-27-8	64	
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	64	
3	Undecane, 3-ethyl-		184	C13H28	017312-58-2	59	
4	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	53	
5	Undecane		156	C11H24	001120-21-4	53	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
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ClientSampleId :
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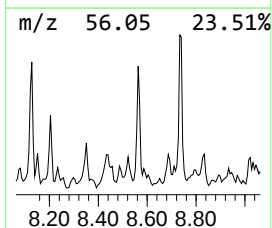
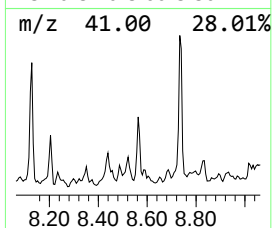
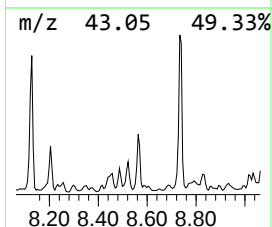
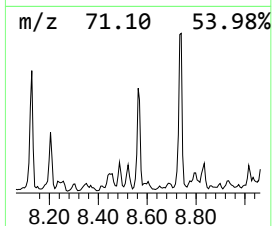
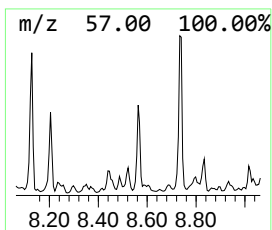
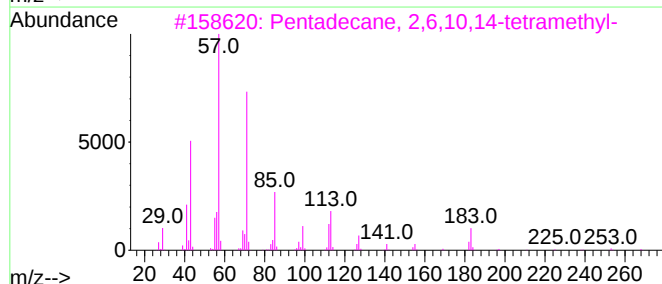
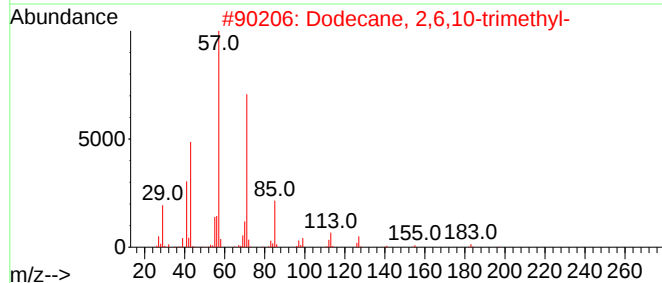
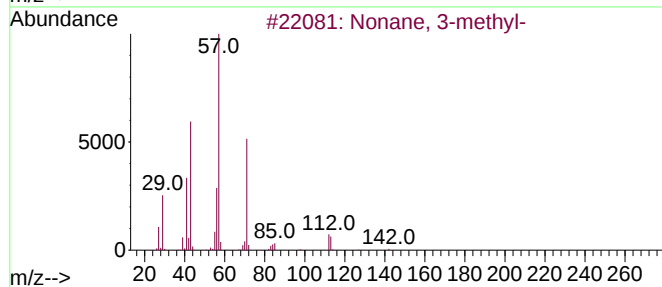
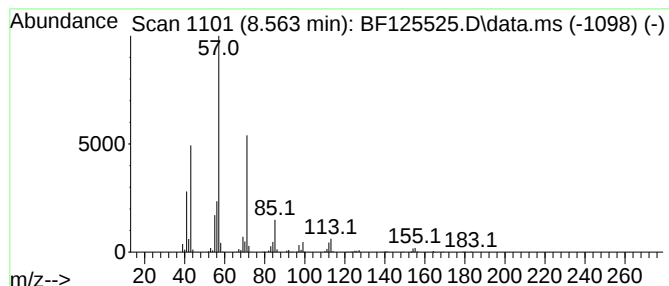
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	8.63 ng	535261	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	80
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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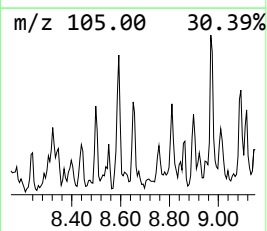
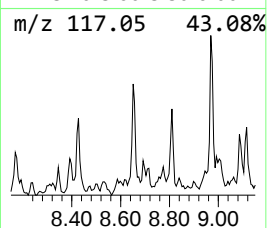
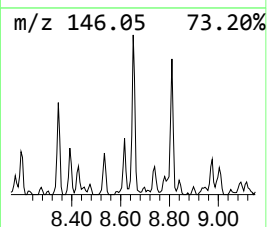
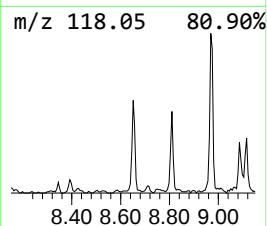
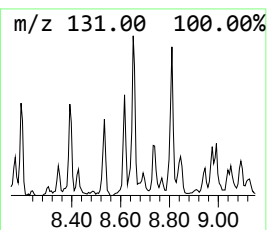
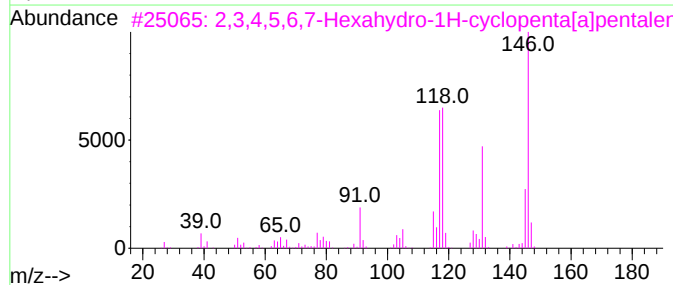
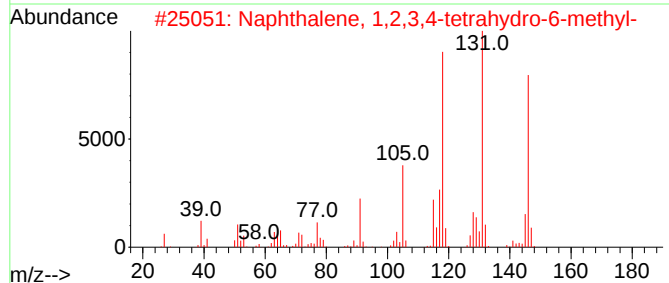
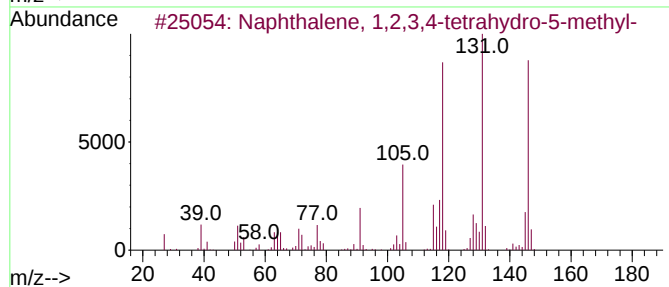
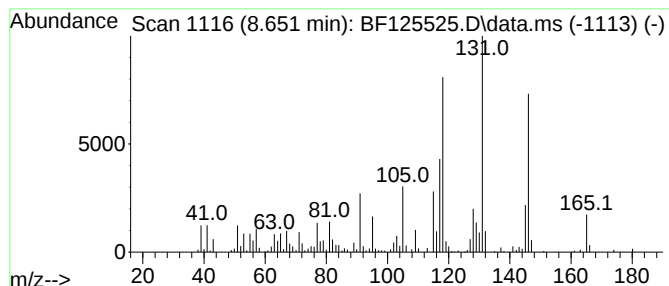
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	3.80 ng	235767	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	80
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
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ALS Vial : 20 Sample Multiplier: 1

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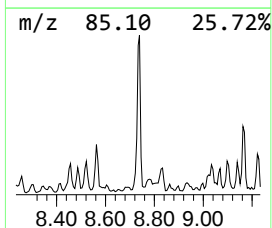
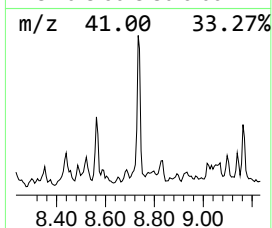
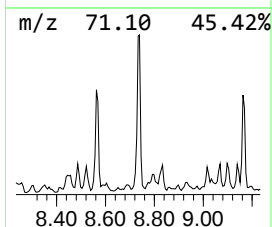
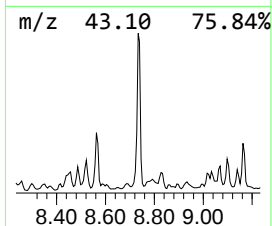
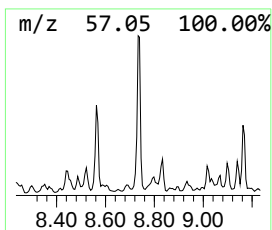
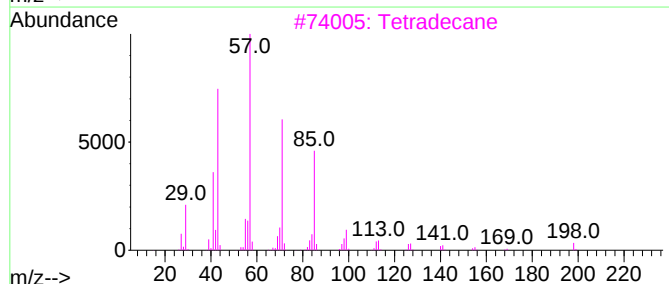
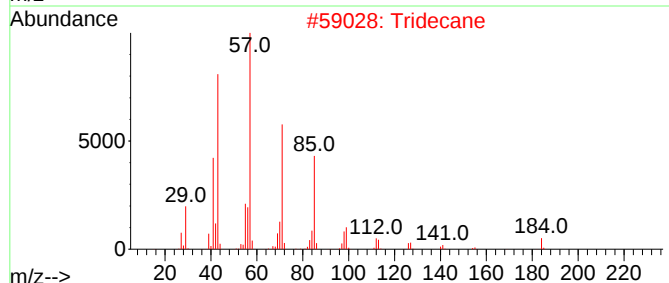
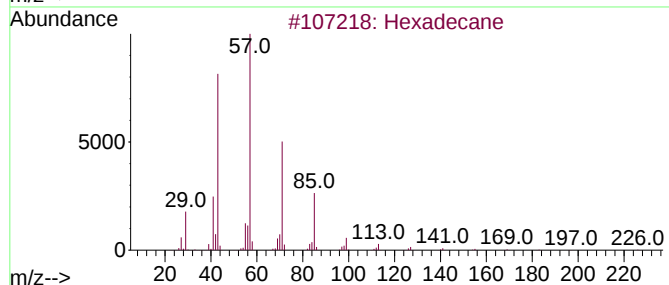
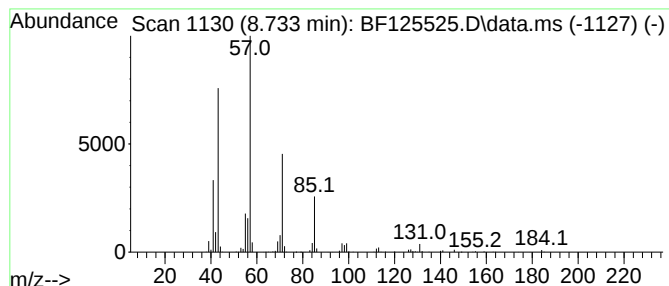
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.733	17.52 ng	1085840	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	80
3			Tetradecane	198	C14H30	000629-59-4	78
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	76
5			Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
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ALS Vial : 20 Sample Multiplier: 1

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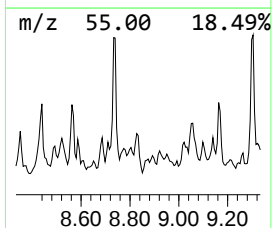
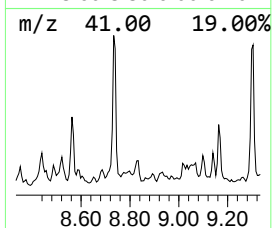
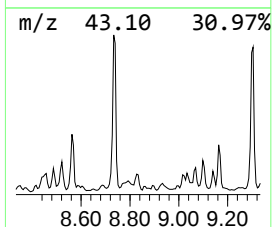
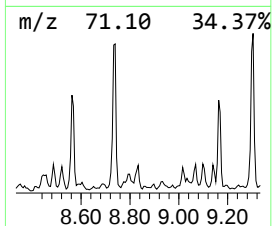
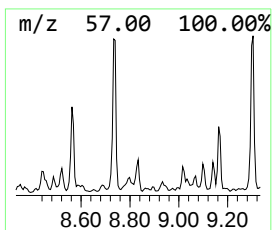
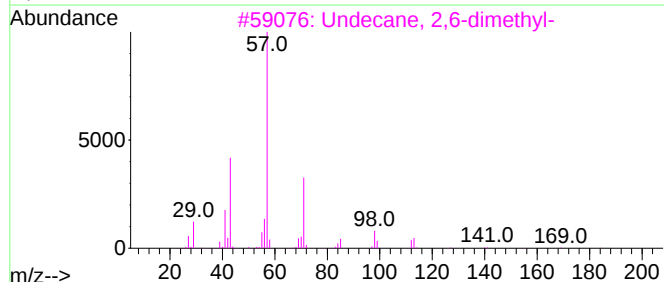
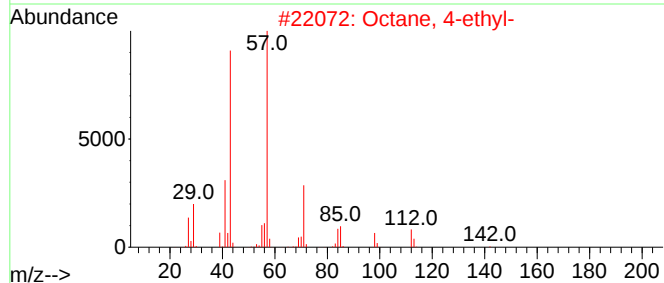
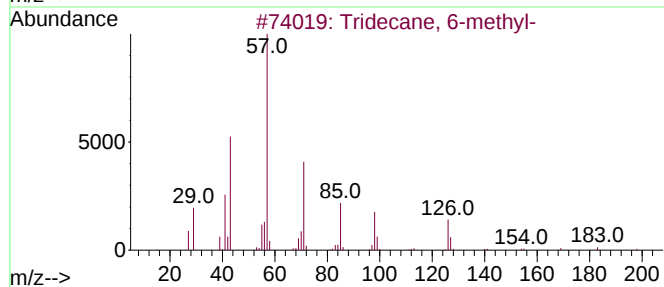
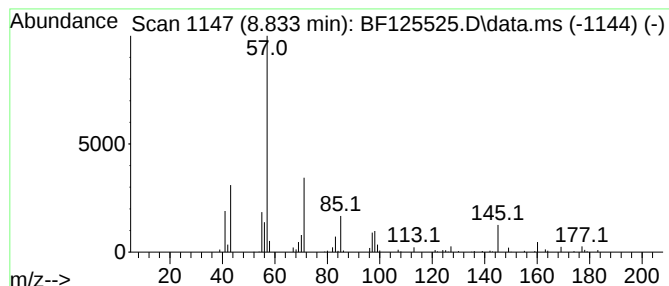
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.833	4.39 ng	271947	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	59
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

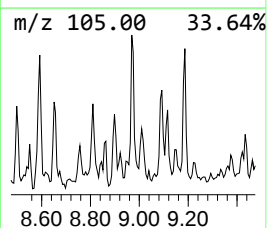
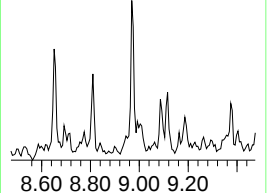
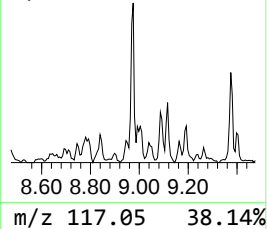
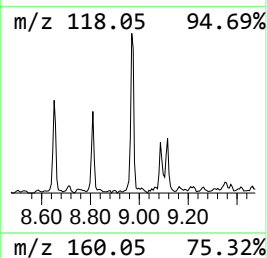
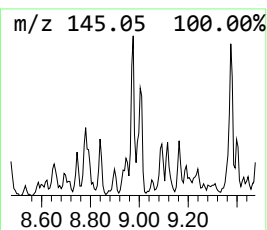
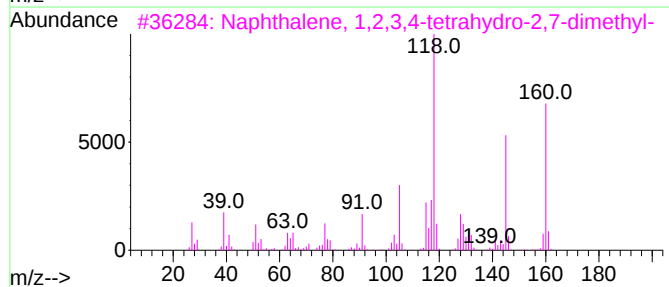
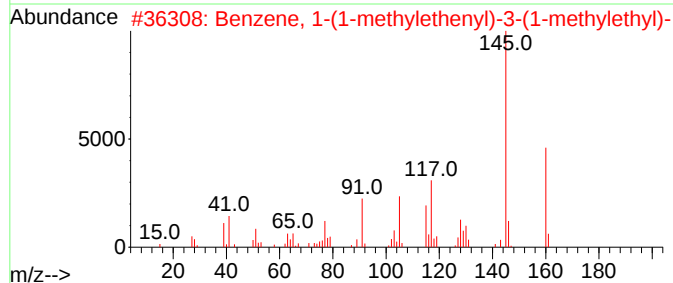
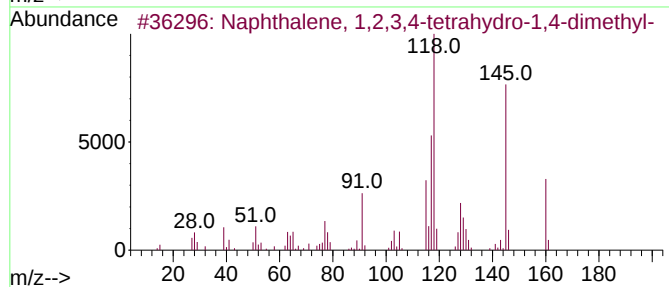
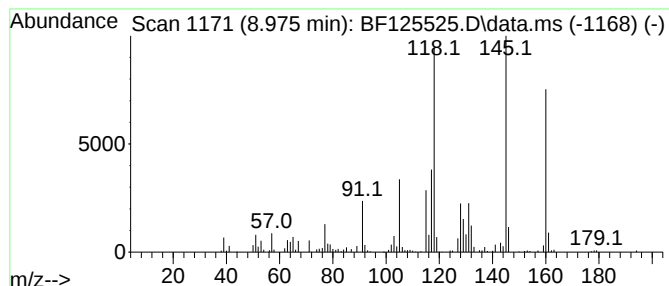
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	3.93 ng	243630	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	92
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
5		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-091421

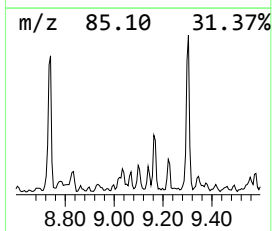
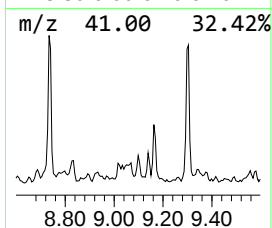
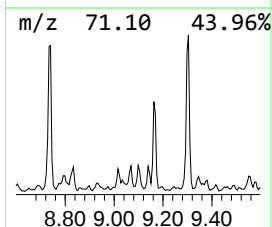
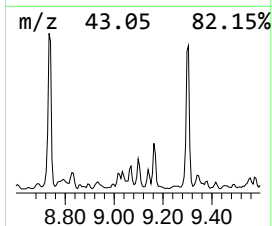
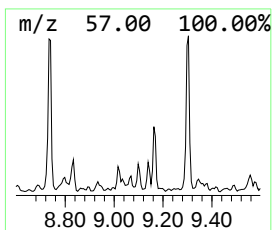
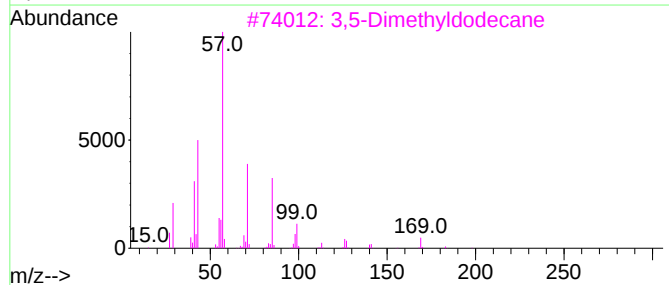
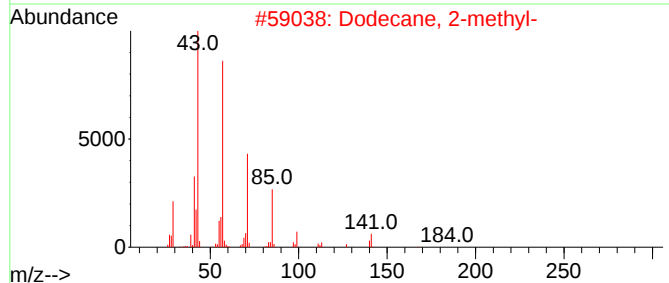
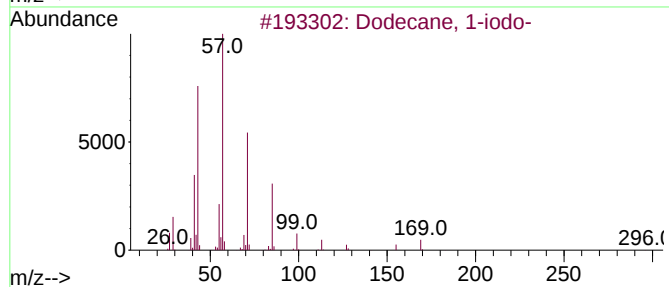
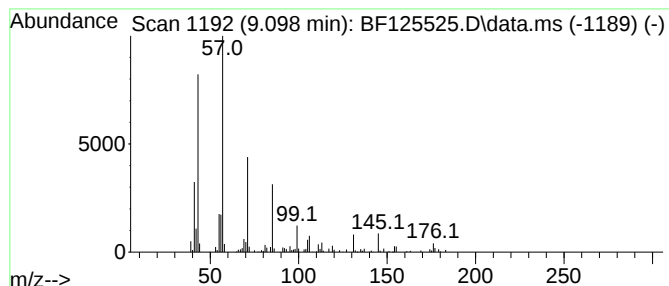
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	4.76 ng	304378	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4		Undecane	156	C11H24	001120-21-4	59
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

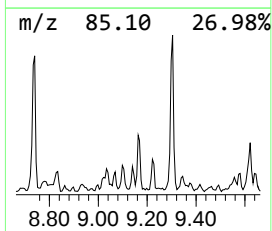
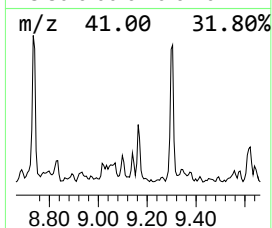
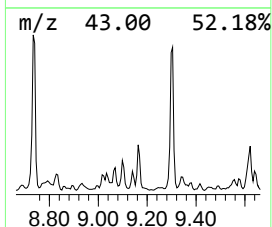
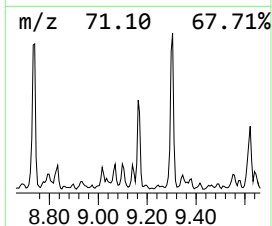
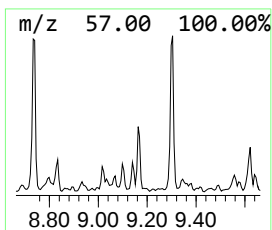
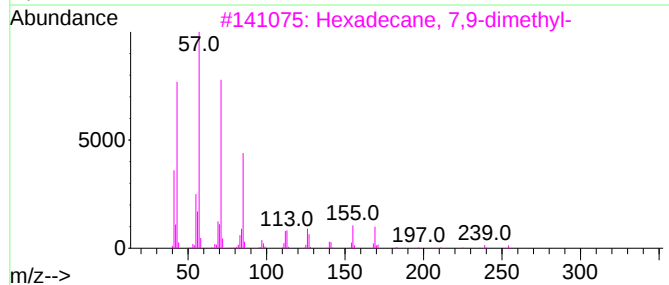
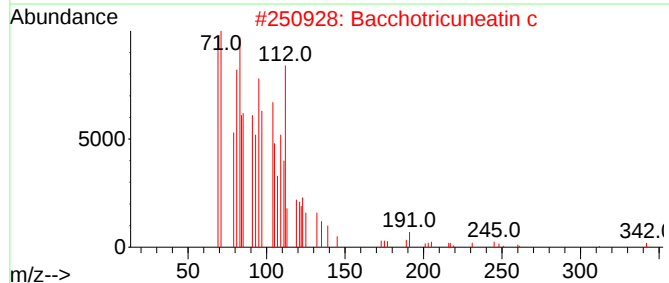
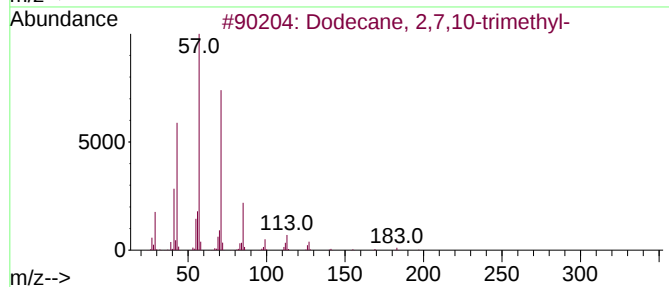
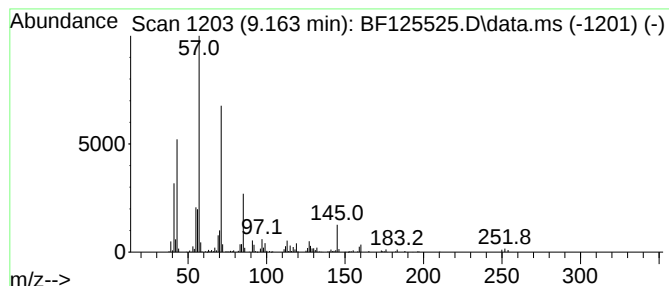
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	7.62 ng	487578	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	62
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	58
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

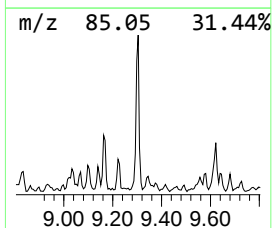
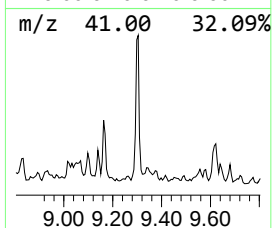
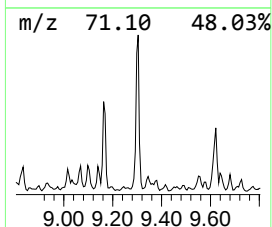
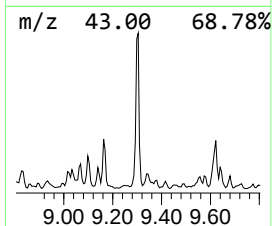
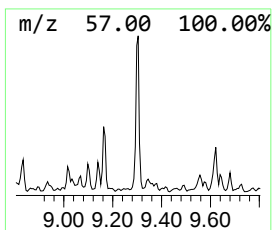
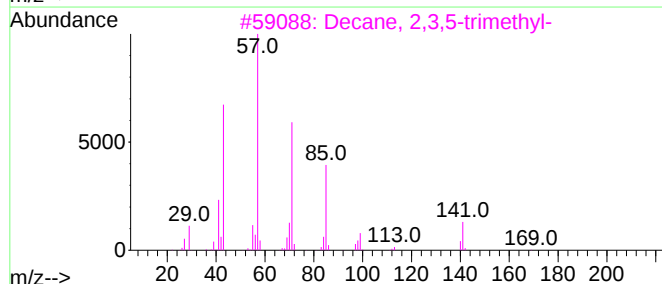
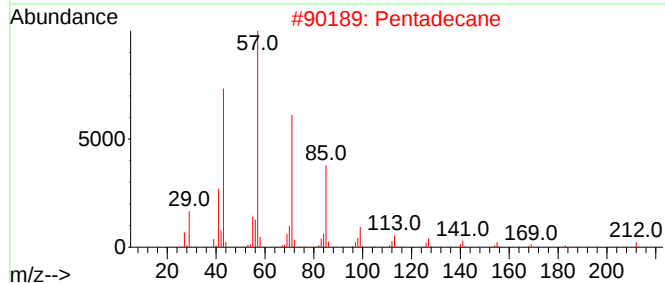
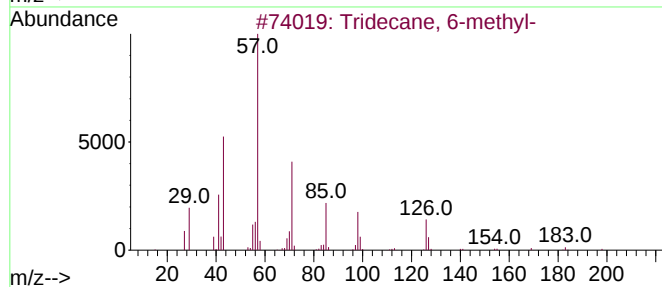
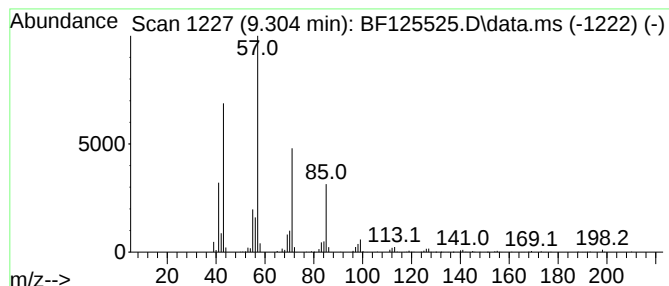
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	20.04 ng	1282090	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

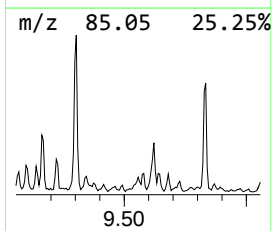
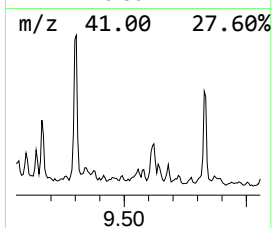
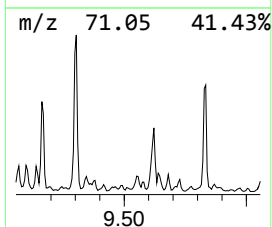
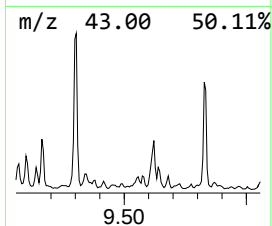
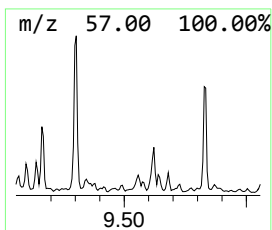
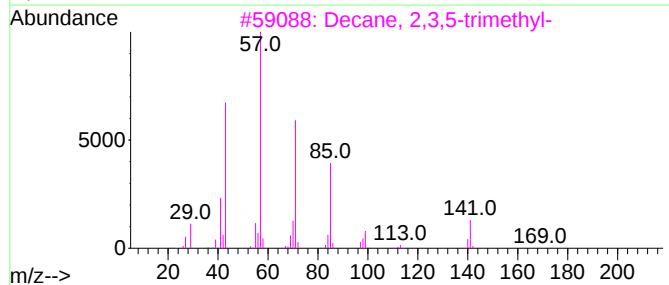
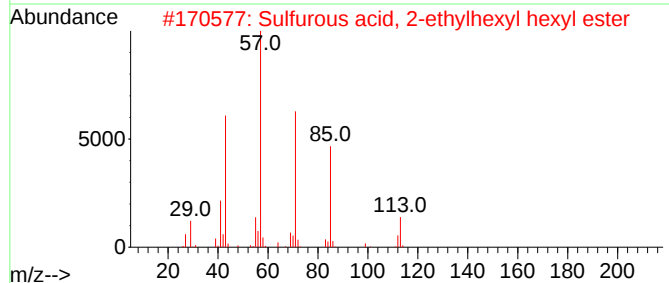
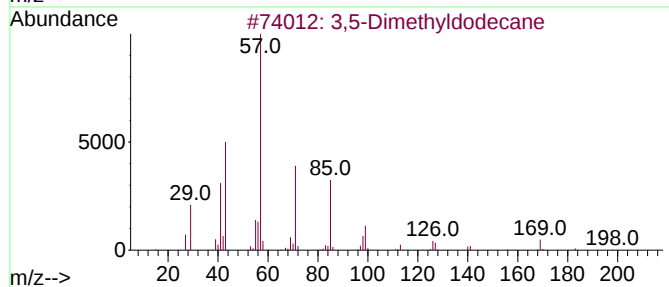
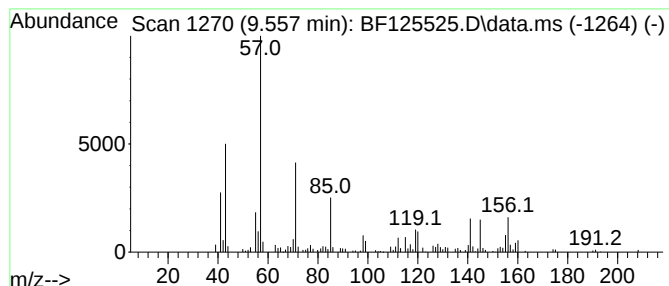
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.557 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	3.81 ng	243553	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
4		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	38
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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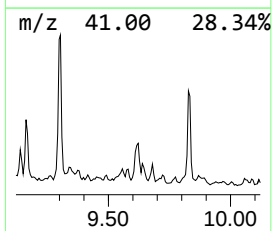
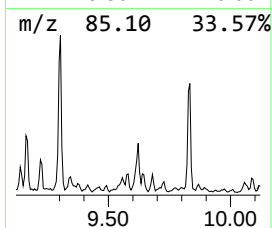
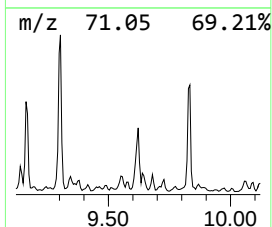
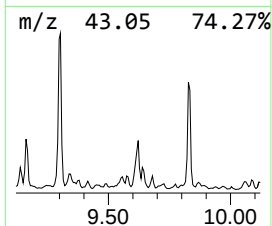
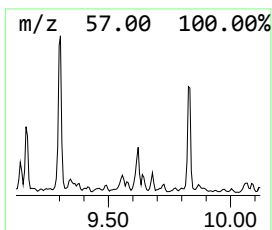
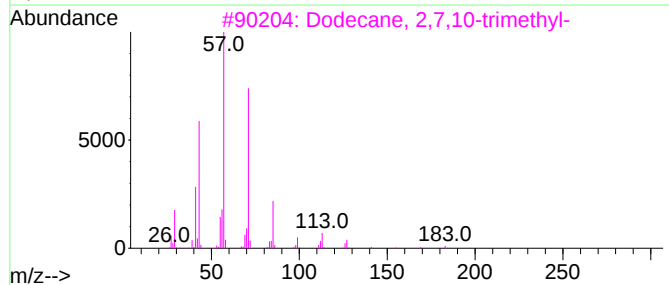
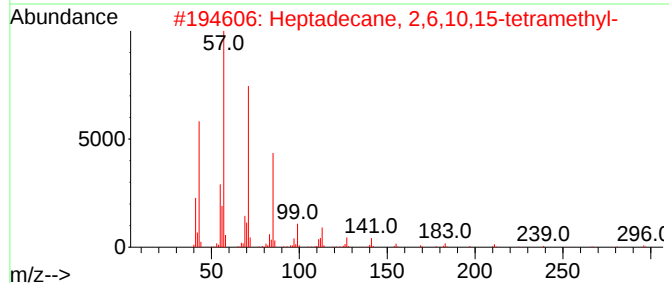
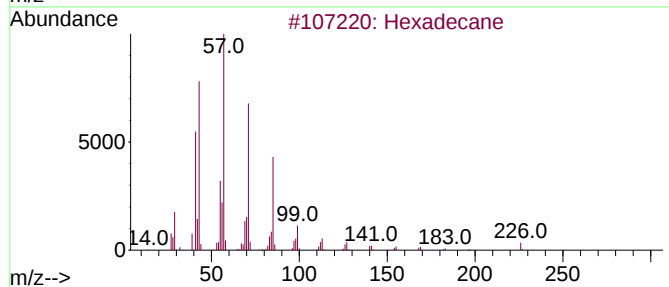
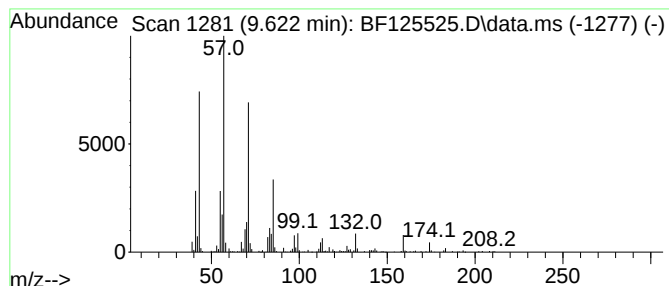
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	8.31 ng	531741	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	83
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

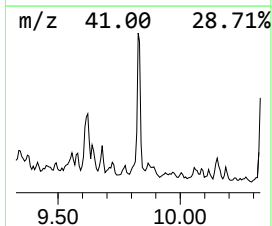
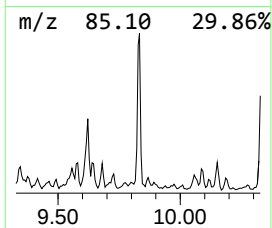
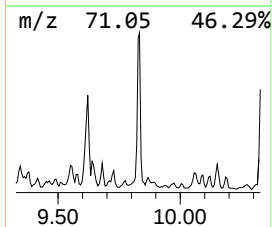
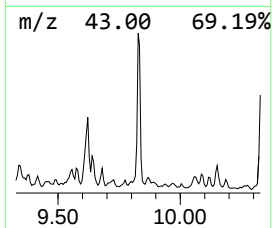
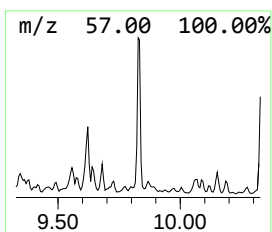
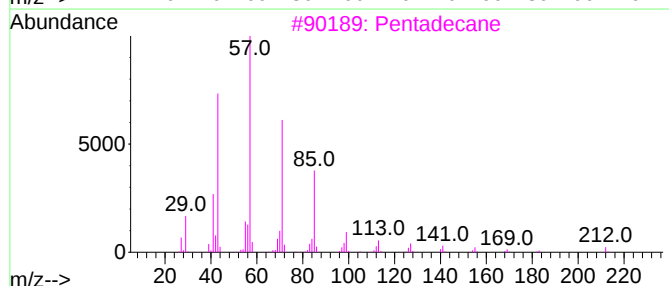
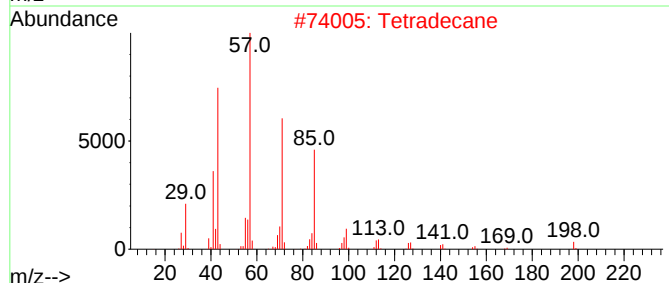
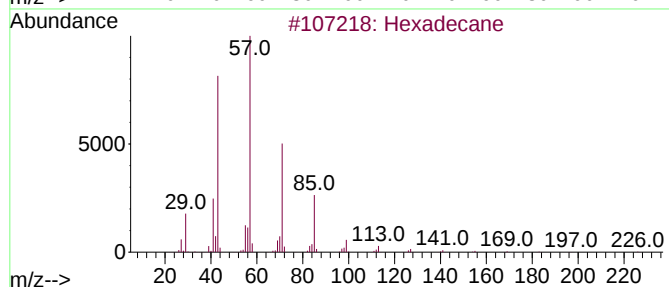
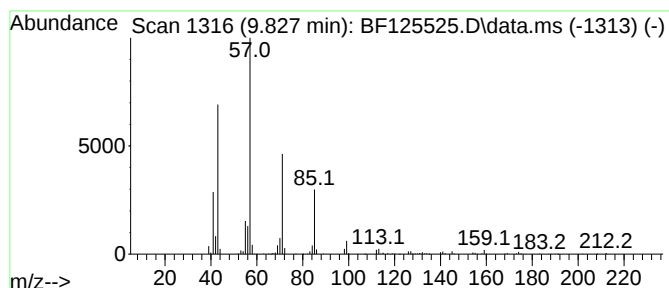
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.827	12.22 ng	781843	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	87
2		Tetradecane	198	C14H30	000629-59-4	86
3		Pentadecane	212	C15H32	000629-62-9	86
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

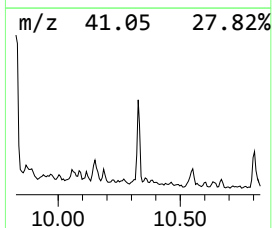
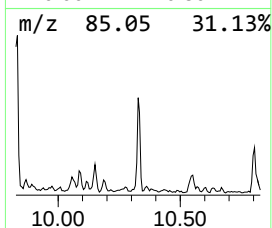
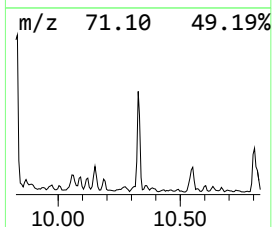
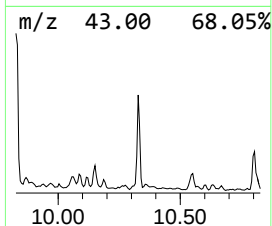
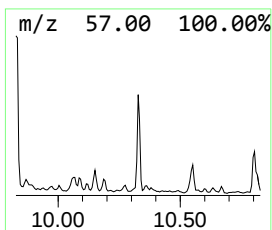
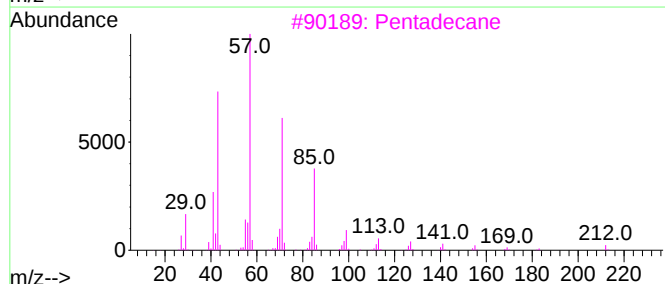
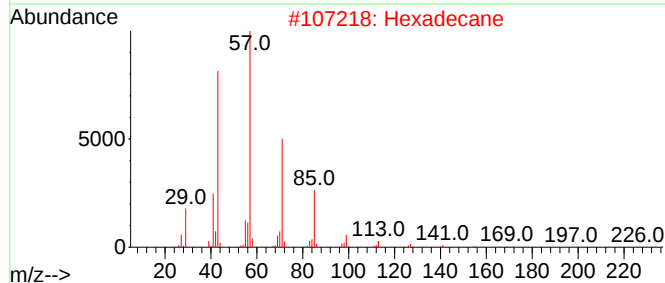
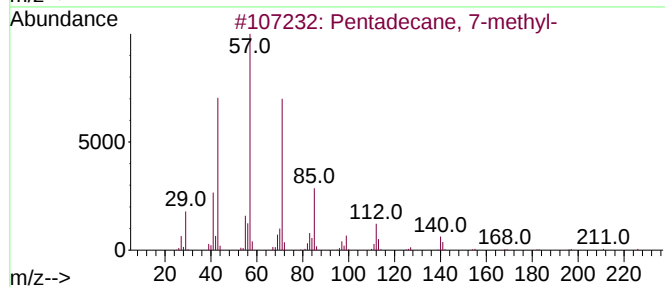
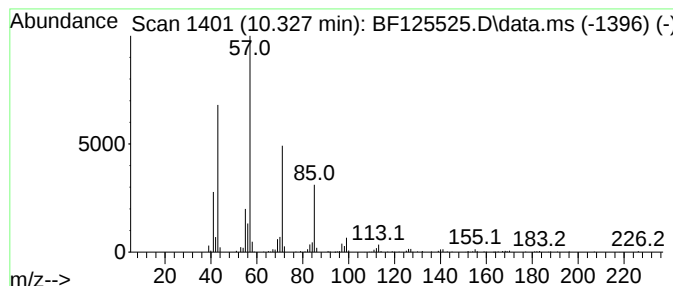
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ClientSampleId :
HR-02-091421

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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 18 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.327	7.50 ng	479914	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	94
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

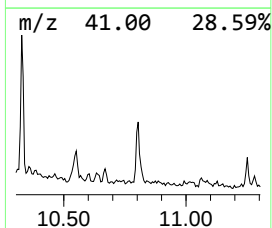
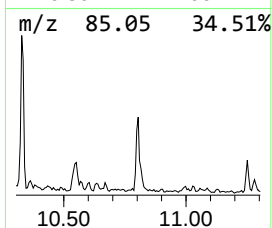
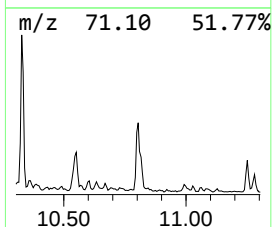
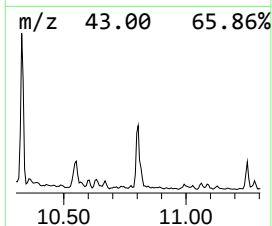
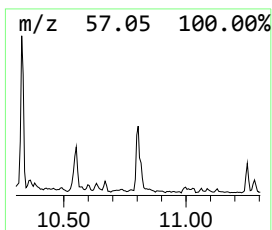
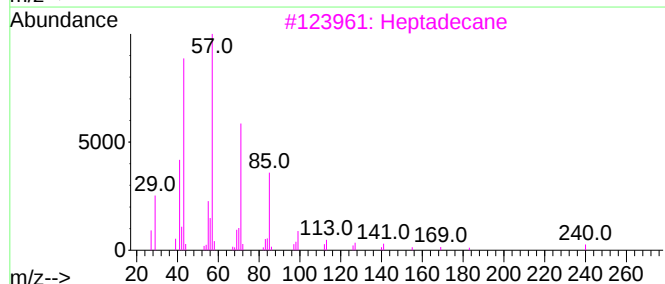
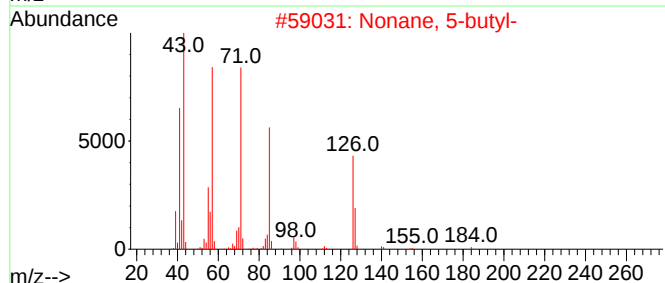
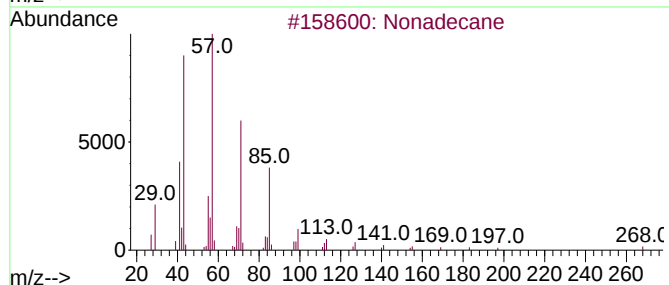
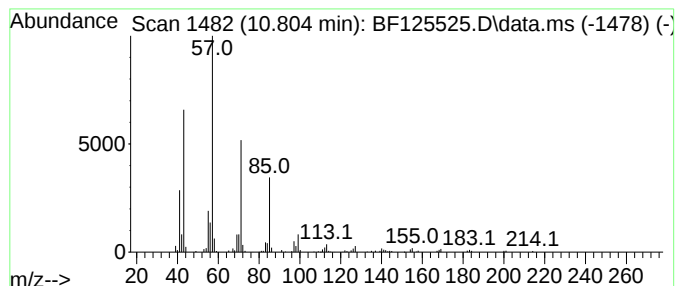
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	4.79 ng	271053	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3			Heptadecane	240	C17H36	000629-78-7	87
4			Hexadecane	226	C16H34	000544-76-3	86
5			Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125525.D
Acq On : 16 Sep 2021 2:28
Operator : JU/CG
Sample : M3731-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-091421

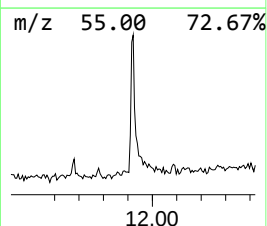
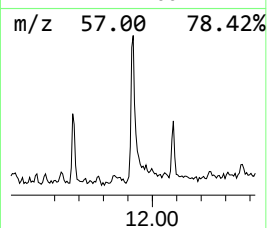
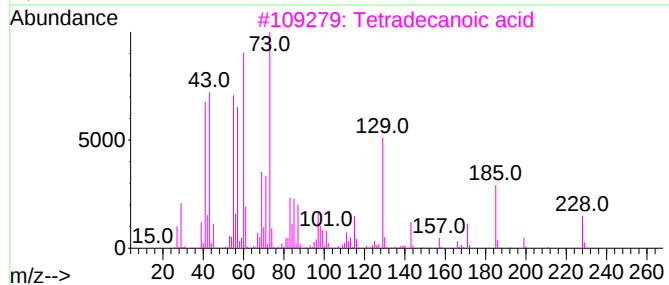
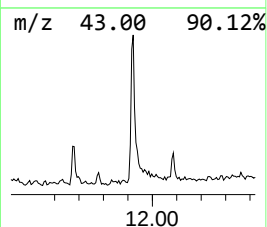
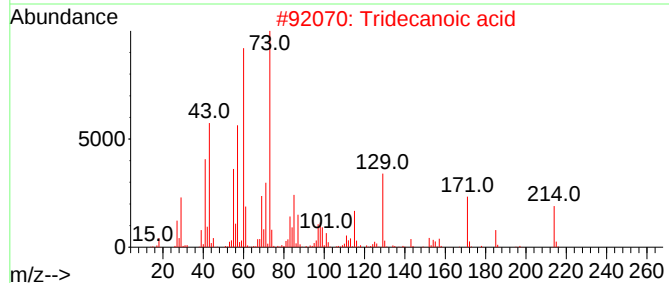
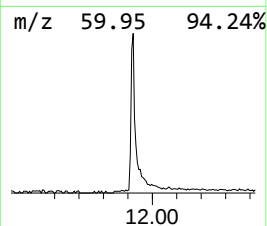
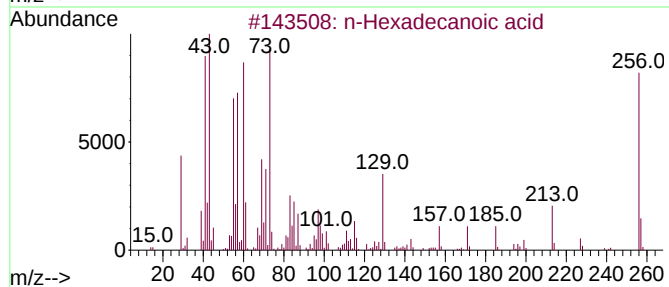
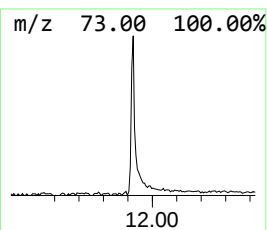
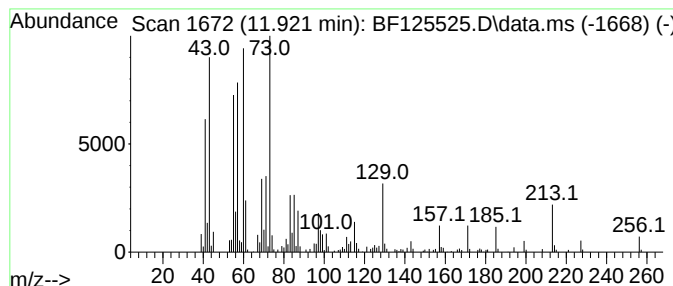
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	7.33 ng	414660	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125525.D
 Acq On : 16 Sep 2021 2:28
 Operator : JU/CG
 Sample : M3731-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-091421

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.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
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Undecane, 2-met...	7.892	3.9	ng	243825	2	8.151	1239780	20.0
Undecane, 2,6-d...	8.204	7.7	ng	479346	2	8.151	1239780	20.0
Cyclohexane, 2-...	8.351	3.5	ng	216402	2	8.151	1239780	20.0
unknown8.439	8.439	5.6	ng	346186	2	8.151	1239780	20.0
Undecane, 2,10-...	8.522	4.0	ng	245683	2	8.151	1239780	20.0
Nonane, 3-methyl-	8.563	8.6	ng	535261	2	8.151	1239780	20.0
Naphthalene, 1,...	8.651	3.8	ng	235767	2	8.151	1239780	20.0
Hexadecane	8.733	17.5	ng	1085840	2	8.151	1239780	20.0
Tridecane, 6-me...	8.833	4.4	ng	271947	2	8.151	1239780	20.0
Naphthalene, 1,...	8.975	3.9	ng	243630	2	8.151	1239780	20.0
Dodecane, 1-iodo-	9.098	4.8	ng	304378	3	9.910	1279310	20.0
Dodecane, 2,7,1...	9.163	7.6	ng	487578	3	9.910	1279310	20.0
Pentadecane	9.304	20.0	ng	1282090	3	9.910	1279310	20.0
unknown9.557	9.557	3.8	ng	243553	3	9.910	1279310	20.0
Heptadecane, 2,...	9.622	8.3	ng	531741	3	9.910	1279310	20.0
Tetradecane	9.827	12.2	ng	781843	3	9.910	1279310	20.0
Pentadecane, 7-...	10.327	7.5	ng	479914	3	9.910	1279310	20.0
Nonadecane	10.804	4.8	ng	271053	4	11.398	1130990	20.0
n-Hexadecanoic ...	11.921	7.3	ng	414660	4	11.398	1130990	20.0