

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125970.D
 Acq On : 27 Oct 2021 18:45
 Operator : JU/CG
 Sample : M4372-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

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: BF125970.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	12	rVB	3109419	4095905	32.65%	1.780%
2	5.469	567	575	578	rBV2	5173905	5953416	47.46%	2.587%
3	6.116	679	685	688	rVV2	611915	730438	5.82%	0.317%
4	6.304	712	717	722	rBV2	438404	697908	5.56%	0.303%
5	6.398	729	733	735	rVV2	651748	905072	7.22%	0.393%
6	6.481	741	747	750	rBV	4810360	5713354	45.55%	2.483%
7	6.604	764	768	773	rBV3	419647	730798	5.83%	0.318%
8	6.704	779	785	787	rBV2	954493	1456153	11.61%	0.633%
9	6.857	808	811	813	rBV	1341989	1158922	9.24%	0.504%
10	6.881	813	815	819	rVB	1755177	1422130	11.34%	0.618%
11	6.922	819	822	826	rBV4	704561	931418	7.43%	0.405%
12	7.010	835	837	841	rVB	883650	719409	5.74%	0.313%
13	7.139	856	859	862	rVB3	1477928	1572025	12.53%	0.683%
14	7.175	862	865	868	rBV2	980593	1110399	8.85%	0.482%
15	7.204	868	870	874	rBV2	666883	747898	5.96%	0.325%
16	7.257	875	879	882	rBV2	1750433	1751395	13.96%	0.761%
17	7.416	897	906	909	rBV3	3406129	6041084	48.16%	2.625%
18	7.463	912	914	918	rVB	1906078	1608418	12.82%	0.699%
19	7.510	918	922	926	rVB5	1739325	2491573	19.86%	1.083%
20	7.575	926	933	936	rBV3	1362148	2875158	22.92%	1.249%
21	7.622	938	941	943	rBV2	473364	622848	4.97%	0.271%
22	7.651	943	946	948	rBV2	1440547	1586749	12.65%	0.689%
23	7.669	948	949	952	rVB	1706939	1366979	10.90%	0.594%
24	7.745	958	962	964	rBV3	1101692	1531698	12.21%	0.666%
25	7.786	967	969	973	rVB3	2259931	2419956	19.29%	1.051%
26	7.833	973	977	979	rBV2	1389975	1684499	13.43%	0.732%
27	7.869	979	983	985	rBV2	1272535	1219441	9.72%	0.530%
28	7.904	987	989	993	rVB3	1132714	1267100	10.10%	0.551%
29	7.945	993	996	998	rBV2	1324422	1204308	9.60%	0.523%
30	7.969	998	1000	1005	rVB3	1120218	1282106	10.22%	0.557%
31	8.016	1006	1008	1010	rBV	686707	728026	5.80%	0.316%
32	8.104	1018	1023	1025	rBV5	1382029	2374969	18.93%	1.032%
33	8.133	1025	1028	1031	rBV3	3481344	4111496	32.78%	1.786%
34	8.216	1037	1042	1044	rVB	5083421	5054969	40.30%	2.196%
35	8.239	1044	1046	1049	rBV4	964420	868212	6.92%	0.377%
36	8.357	1063	1066	1068	rBV2	1216186	1083668	8.64%	0.471%

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

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37	8.380	1068	1070	1073	rVB	882832	831278	6.63%	0.361%
38	8.445	1073	1081	1084	rBV7	3281450	5918770	47.18%	2.572%
39	8.498	1087	1090	1092	rBV3	2143502	1662442	13.25%	0.722%
40	8.533	1092	1096	1099	rVB4	1743234	1965126	15.67%	0.854%

41	8.580	1099	1104	1108	rBV	6135868	8048301	64.16%	3.497%
42	8.616	1108	1110	1113	rVB2	2470304	2150235	17.14%	0.934%
43	8.657	1114	1117	1119	rBV3	1127545	1073509	8.56%	0.466%
44	8.698	1121	1124	1129	rBV5	1085326	1563710	12.47%	0.679%
45	8.745	1129	1132	1136	rBV	3945963	4328054	34.50%	1.881%

46	8.786	1137	1139	1141	rBV	789153	816139	6.51%	0.355%
47	8.845	1145	1149	1150	rBV2	2353174	2325035	18.54%	1.010%
48	8.898	1156	1158	1161	rVB4	1217744	1144994	9.13%	0.498%
49	8.933	1161	1164	1166	rBV3	1218582	1784405	14.23%	0.775%
50	8.957	1166	1168	1171	rVB2	1988038	1733021	13.82%	0.753%

51	9.033	1178	1181	1182	rBV2	1538108	1588278	12.66%	0.690%
52	9.063	1183	1186	1190	rVB2	2651566	3201130	25.52%	1.391%
53	9.151	1198	1201	1203	rBV2	1285667	1344051	10.71%	0.584%
54	9.180	1203	1206	1209	rVV	5813760	5504530	43.88%	2.392%
55	9.222	1209	1213	1216	rVB	4721607	4701549	37.48%	2.043%

56	9.316	1225	1229	1233	rBV3	4760590	6875477	54.81%	2.987%
57	9.357	1234	1236	1238	rBV3	983770	946671	7.55%	0.411%
58	9.486	1255	1258	1259	rBV2	1342549	1451718	11.57%	0.631%
59	9.569	1269	1272	1274	rVB	2682456	2515384	20.05%	1.093%
60	9.592	1274	1276	1278	rVB	2933122	2207235	17.60%	0.959%

61	9.622	1278	1281	1282	rBV2	5325834	4694451	37.42%	2.040%
62	9.639	1282	1284	1286	rVV	6800730	5363861	42.76%	2.331%
63	9.680	1289	1291	1295	rVB2	2090881	2129512	16.98%	0.925%
64	9.780	1305	1308	1311	rVB2	1778146	1724344	13.75%	0.749%
65	9.822	1312	1315	1317	rBV	3451585	3117731	24.85%	1.355%

66	9.845	1317	1319	1323	rVB	3570040	3133529	24.98%	1.362%
67	9.886	1323	1326	1327	rBV	2578679	2376944	18.95%	1.033%
68	9.951	1334	1337	1340	rBV3	1440419	1551244	12.37%	0.674%
69	10.016	1345	1348	1351	rVB3	2000802	2392343	19.07%	1.040%
70	10.104	1360	1363	1366	rVB	2804614	2539629	20.25%	1.103%

71	10.169	1372	1374	1378	rVB3	2173639	2075270	16.54%	0.902%
72	10.227	1381	1384	1386	rBV2	1690720	1866753	14.88%	0.811%
73	10.251	1386	1388	1390	rVB	1916430	1396093	11.13%	0.607%
74	10.280	1390	1393	1396	rBV3	1410774	1604962	12.79%	0.697%
75	10.321	1397	1400	1402	rVV2	2171883	2984889	23.80%	1.297%

76	10.345	1402	1404	1406	rVB	3020488	2247172	17.91%	0.976%
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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

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77	10.369	1406	1408	1411	rBV3	930781	974076	7.77%	0.423%
78	10.398	1411	1413	1418	rVB5	1473188	1549008	12.35%	0.673%
79	10.445	1419	1421	1423	rBV2	978673	890866	7.10%	0.387%
80	10.563	1438	1441	1444	rVB	5265238	5282614	42.11%	2.295%
81	10.651	1453	1456	1458	rBV2	815027	1017142	8.11%	0.442%
82	10.692	1458	1463	1465	rVB3	2319547	3474360	27.70%	1.510%
83	10.833	1481	1487	1494	rVB	7768603	12543872	100.00%	5.450%
84	10.892	1494	1497	1499	rBV2	1198363	1349104	10.76%	0.586%
85	10.957	1506	1508	1511	rBV3	830954	963368	7.68%	0.419%
86	11.263	1557	1560	1562	rBV	2343956	2094253	16.70%	0.910%
87	11.292	1562	1565	1571	rVB	4745611	5247223	41.83%	2.280%
88	11.386	1579	1581	1582	rBV	834807	630553	5.03%	0.274%
89	11.639	1622	1624	1627	rVB	1302275	1183863	9.44%	0.514%
90	11.686	1629	1632	1635	rVB	2550029	1773467	14.14%	0.771%
91	11.916	1668	1671	1673	rVB	1145362	974634	7.77%	0.423%
92	12.092	1699	1701	1704	rBV	1627724	1338313	10.67%	0.582%
93	12.374	1745	1749	1754	rVB2	668672	1173419	9.35%	0.510%
94	12.439	1757	1760	1763	rVV	678973	713061	5.68%	0.310%
95	12.480	1764	1767	1769	rVB2	1334011	1118664	8.92%	0.486%
96	12.845	1827	1829	1832	rVB	856493	751793	5.99%	0.327%
97	12.968	1846	1850	1853	rBV	4372705	3907667	31.15%	1.698%
98	13.868	2000	2003	2013	rVB	741593	856838	6.83%	0.372%
99	14.015	2023	2028	2030	rBV2	1146828	1272572	10.14%	0.553%
100	15.480	2272	2277	2280	rVB	889657	1062849	8.47%	0.462%

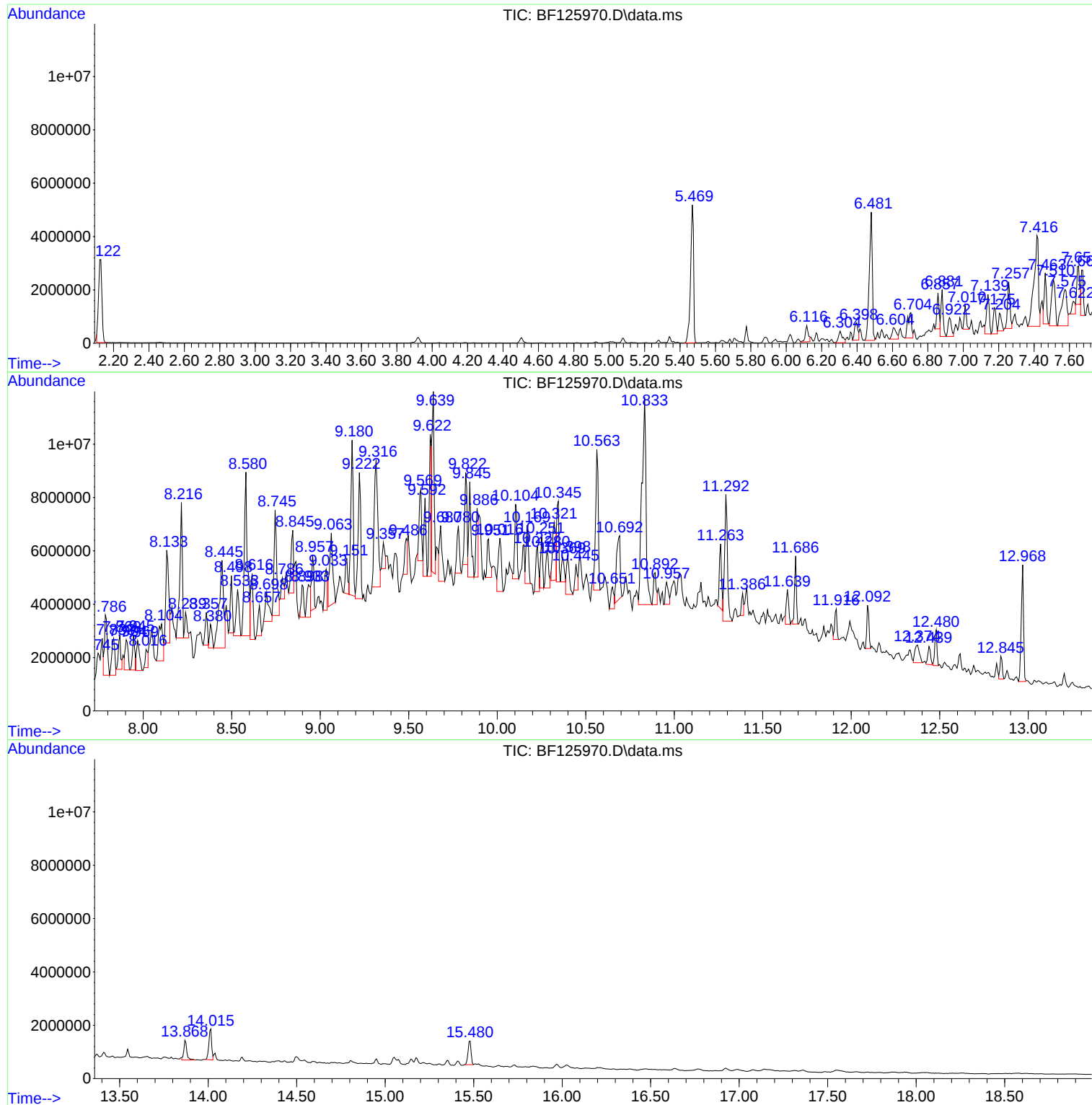
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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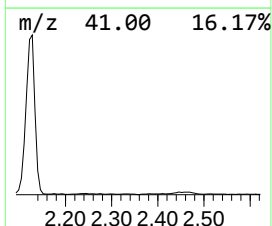
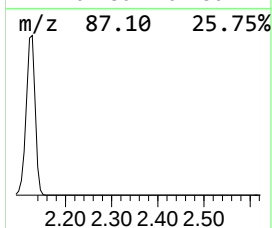
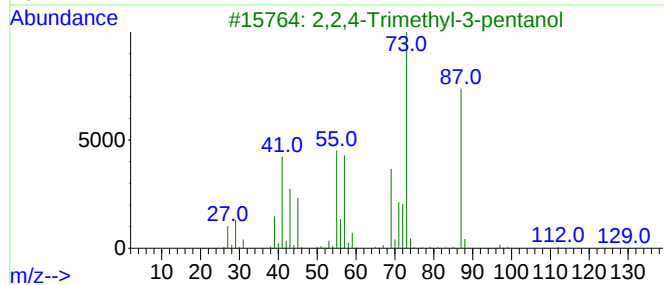
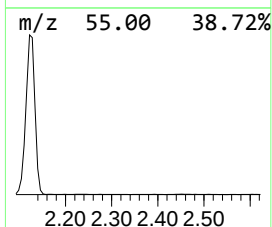
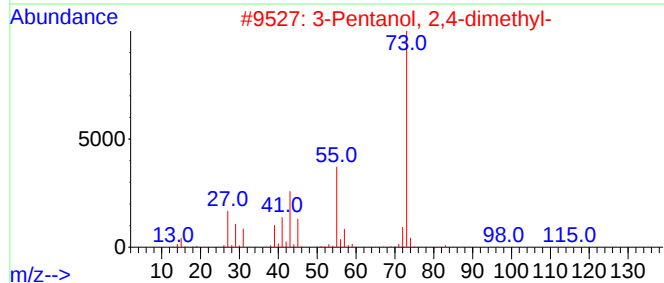
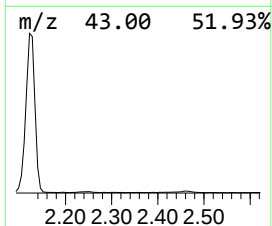
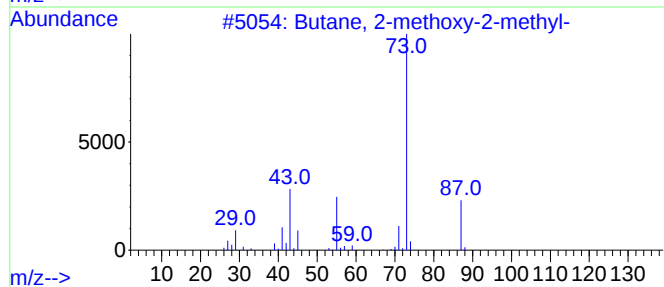
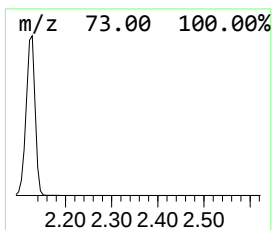
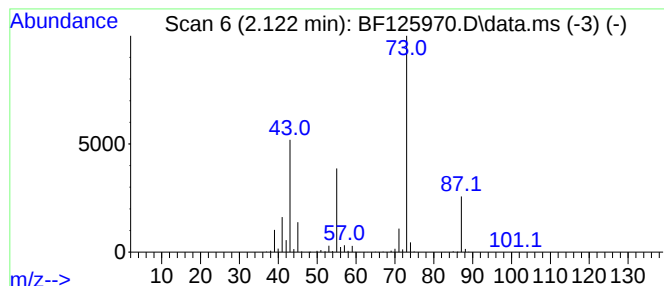
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	70.68 ng	4095910	1,4-Dichlorobenzene-d4	6.857

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	39
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23



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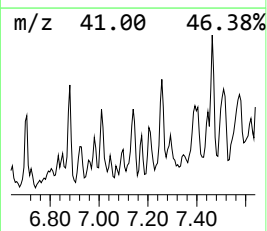
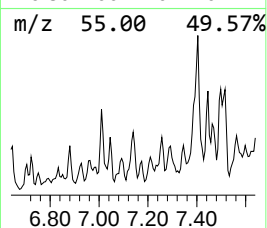
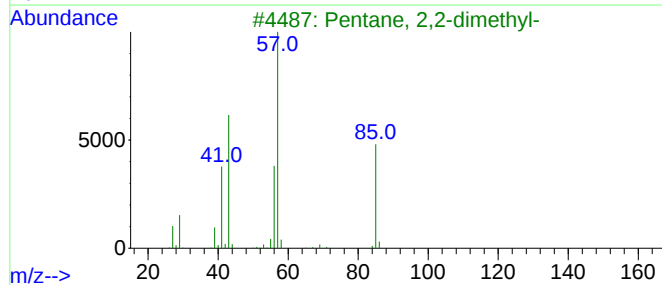
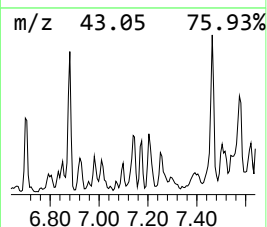
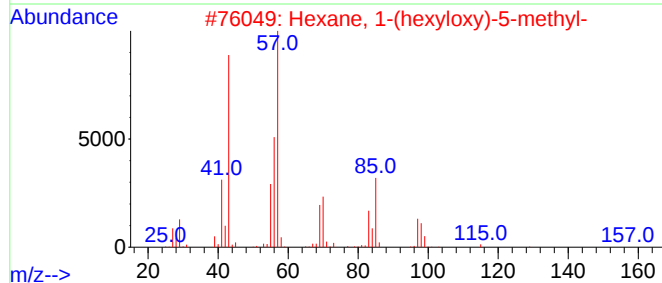
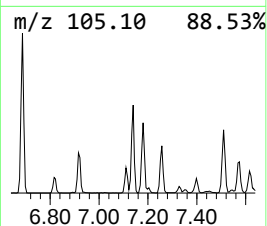
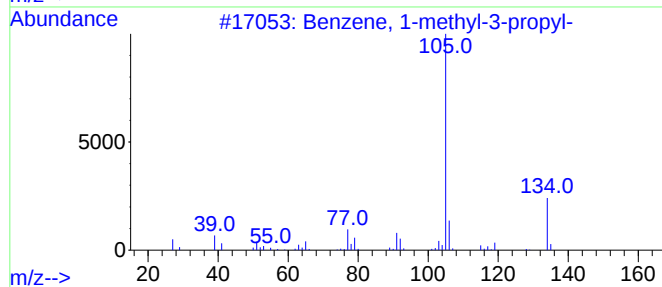
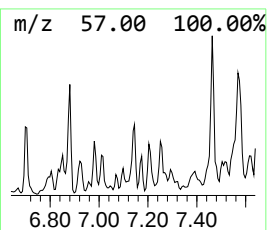
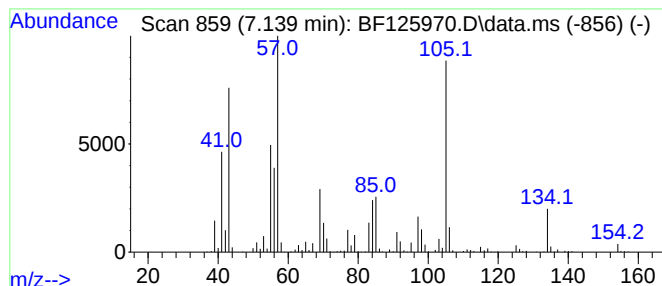
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	27.13 ng	1572030	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	53
2			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	46
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	35
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
5			2-Tolyloxirane	134	C9H10O	002783-26-8	25



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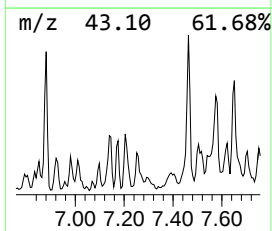
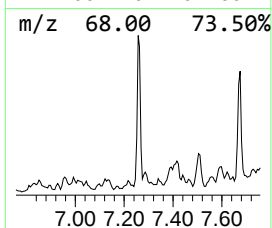
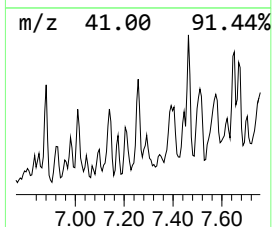
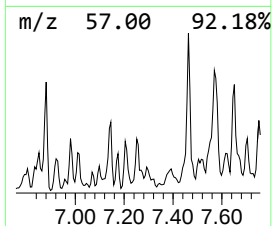
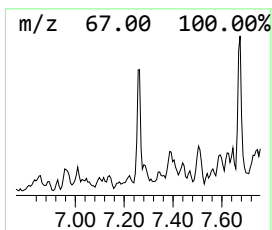
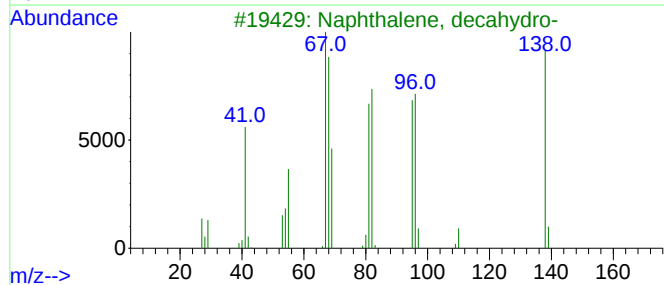
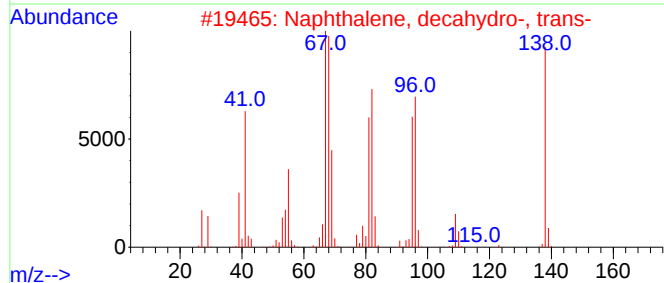
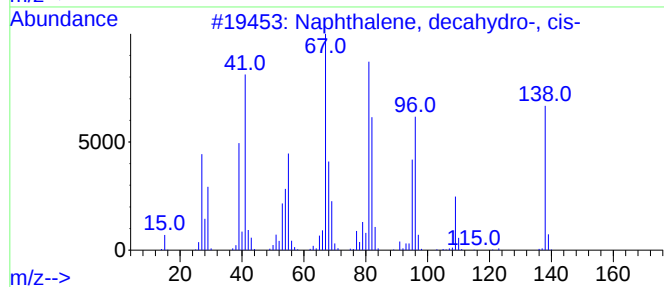
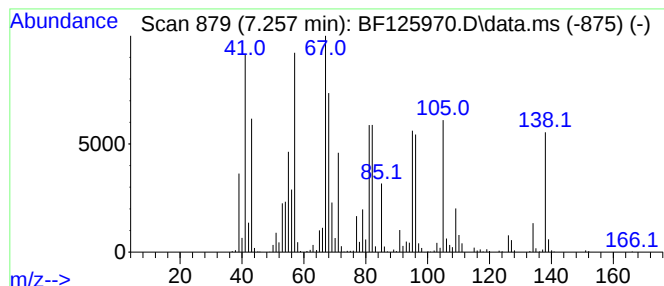
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, decahydro-, cis- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	30.22 ng	1751400	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	92
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	76
4			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	64
5			Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
Operator : JU/CG
Sample : M4372-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
SB-7

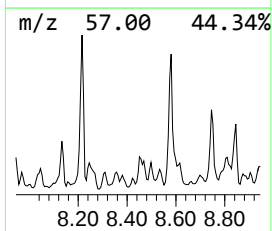
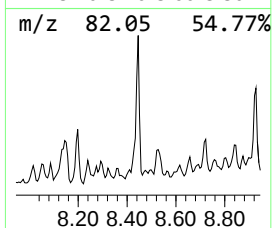
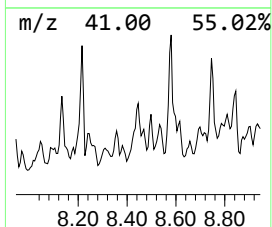
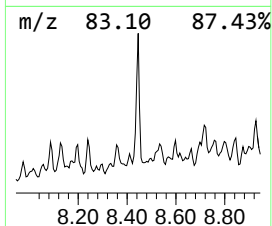
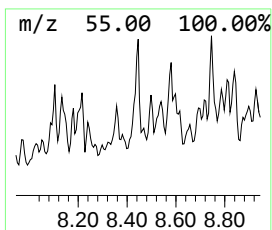
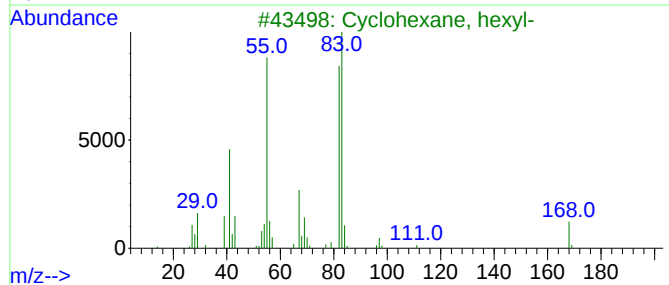
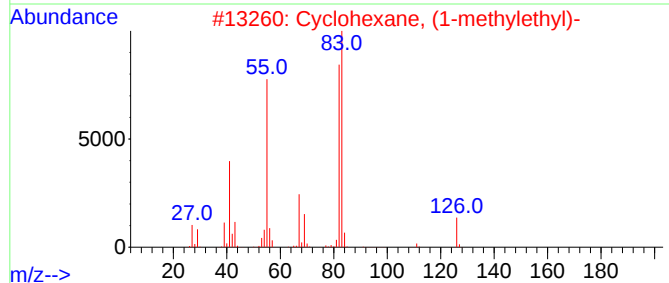
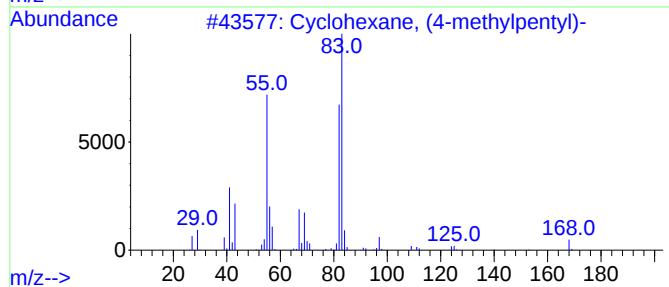
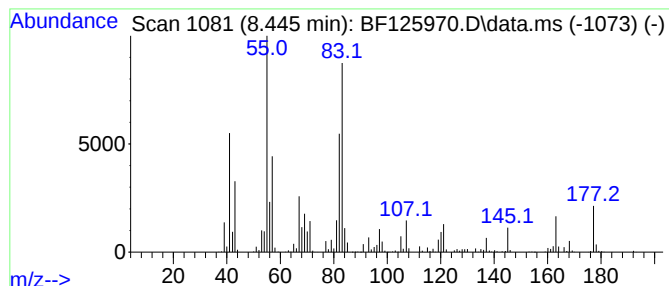
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, (4-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	28.79 ng	5918770	Naphthalene-d8	8.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
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Sample : M4372-13
Misc :
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ClientSampleId :
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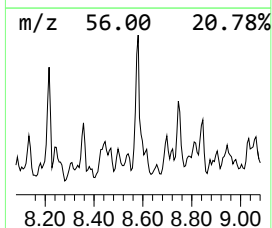
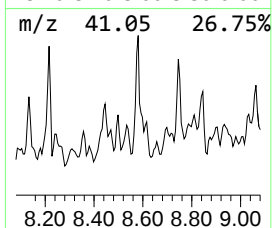
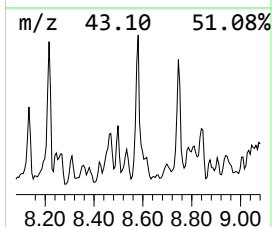
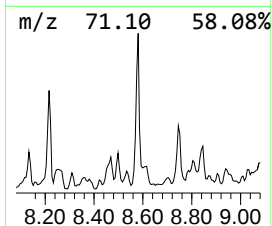
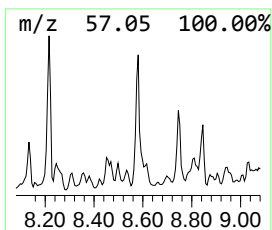
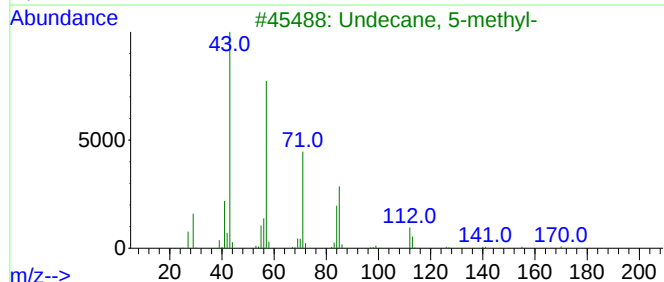
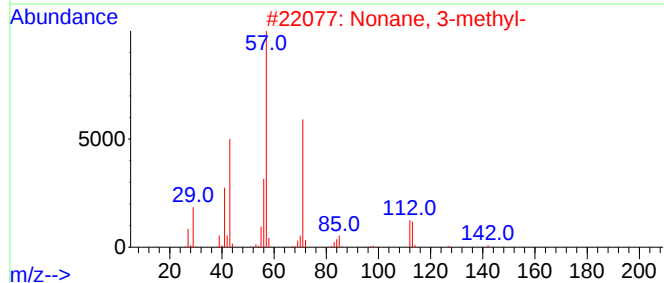
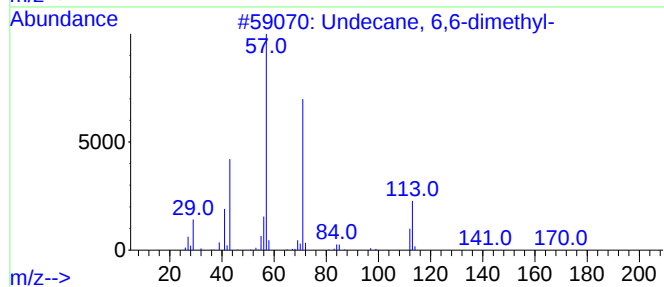
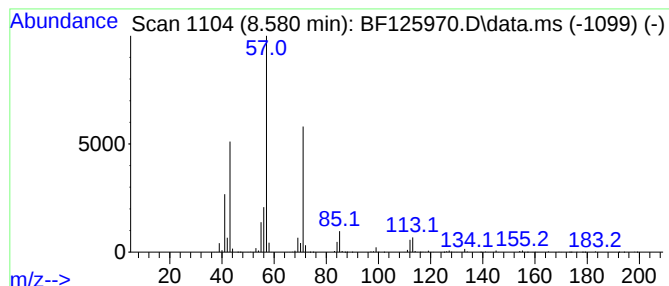
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 6,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.580	39.15 ng	8048300	Naphthalene-d8	8.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	59
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
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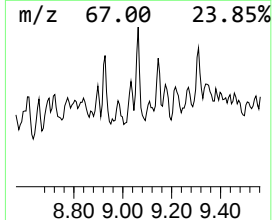
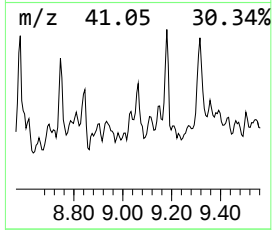
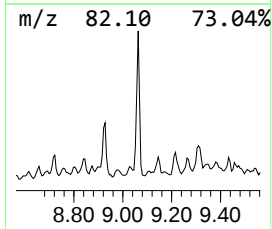
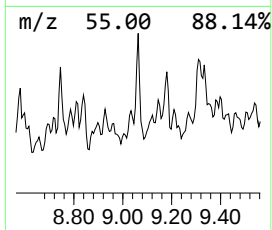
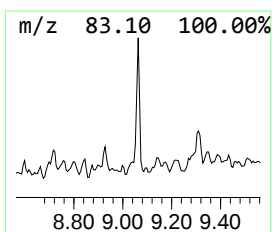
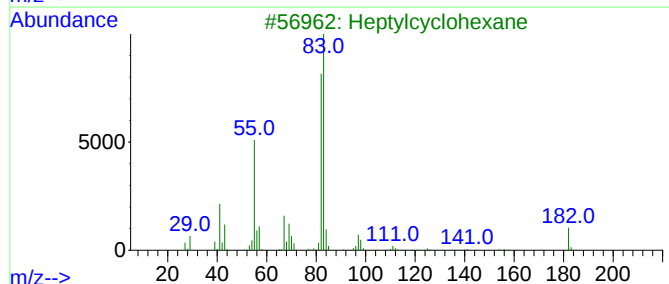
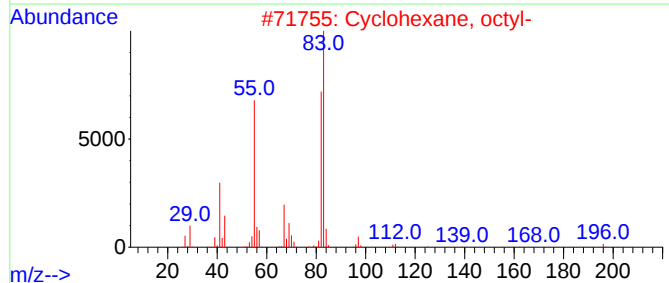
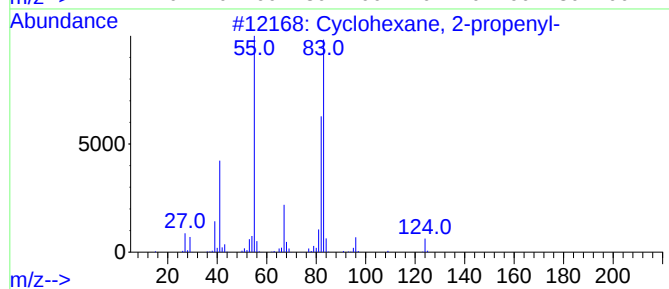
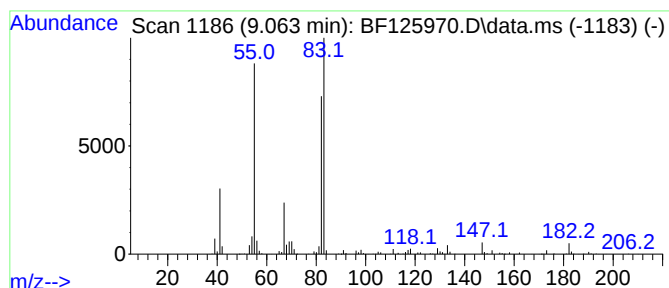
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 2-propenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.063	26.93 ng	3201130	Acenaphthene-d10	9.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3	Heptylcyclohexane	182	C13H26	005617-41-4	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	56
5	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
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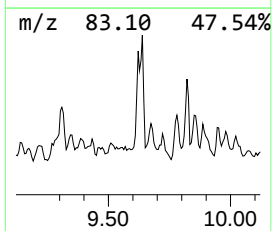
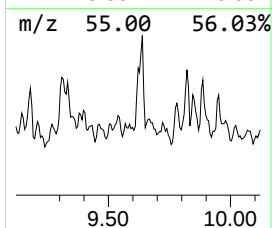
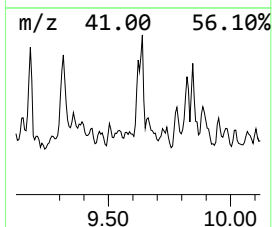
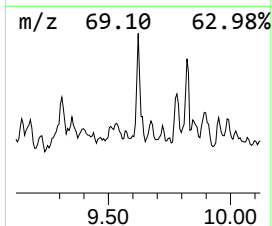
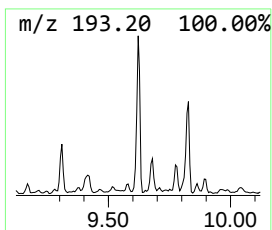
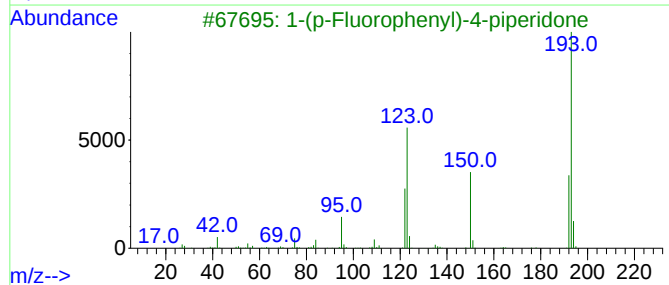
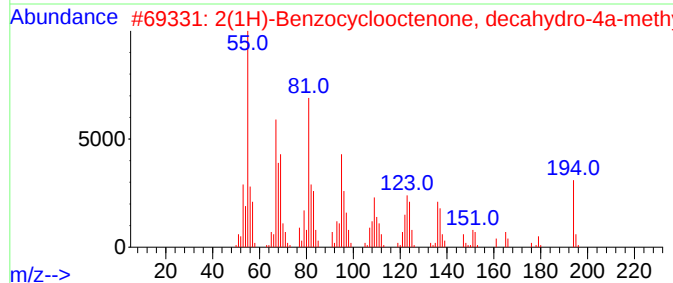
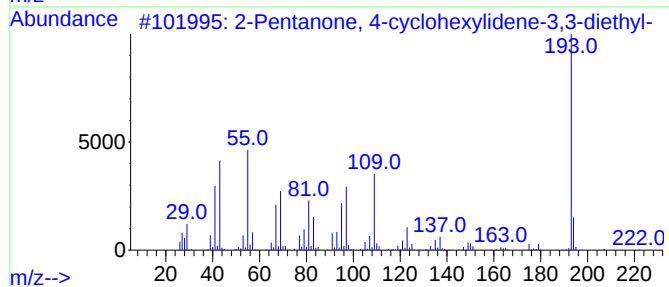
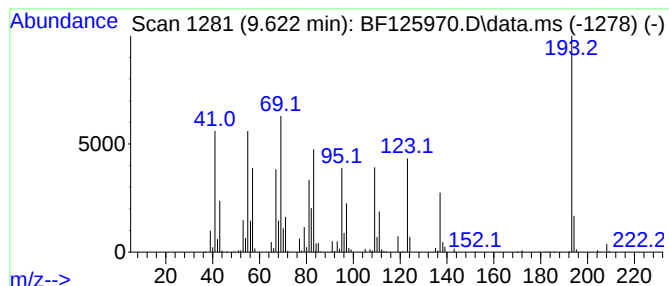
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.622 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	39.50 ng	4694450	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37		
2	2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-66-7	35		
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35		
4	1-Methyl-3-(trifluoromethyl)-1H...	193	C7H10F3N3	1000511-73-1	27		
5	Pyrimidine, 5-formamido-	123	C5H5N3O	056621-84-2	22		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
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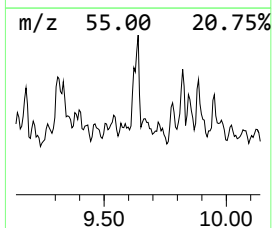
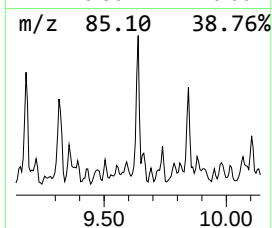
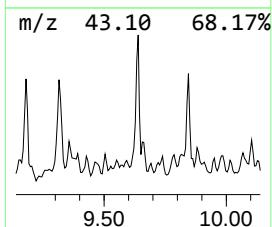
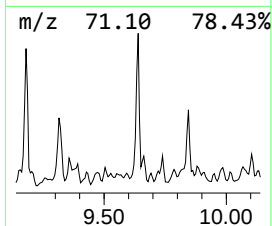
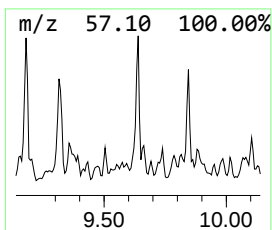
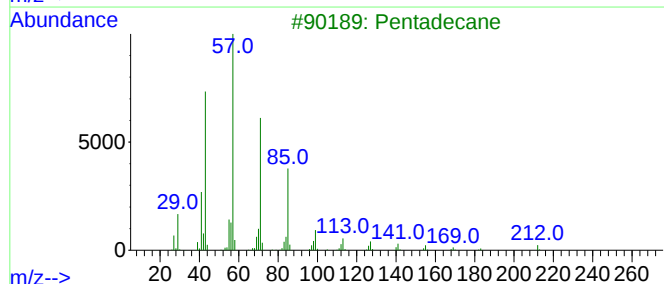
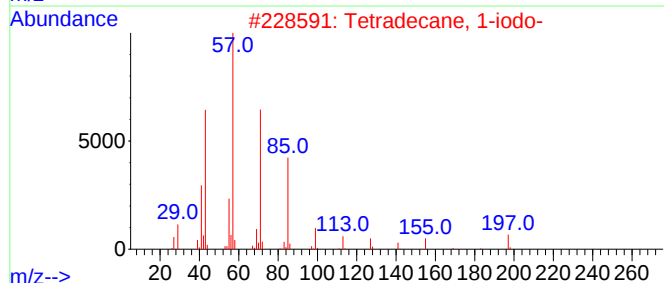
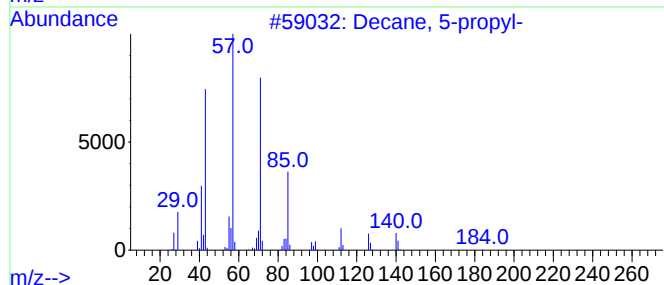
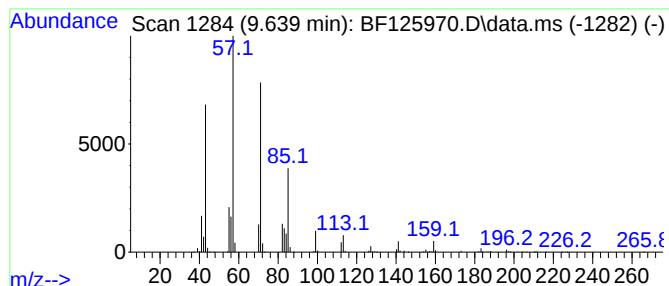
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	45.13 ng	5363860	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-propyl-	184	C13H28	017312-62-8	87
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3		Pentadecane	212	C15H32	000629-62-9	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
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ClientSampleId :
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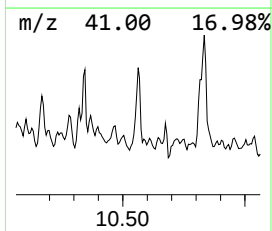
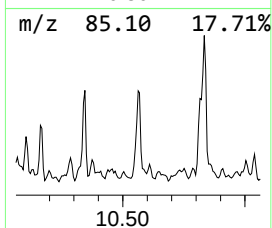
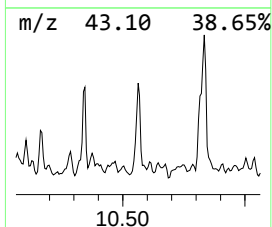
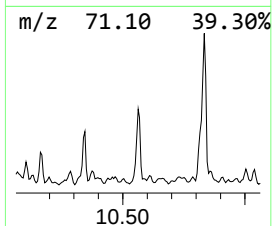
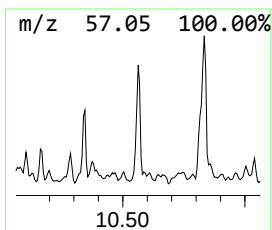
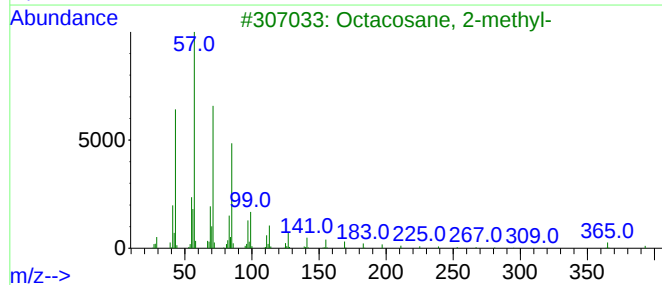
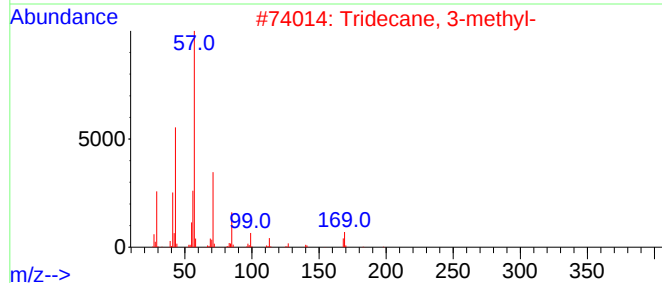
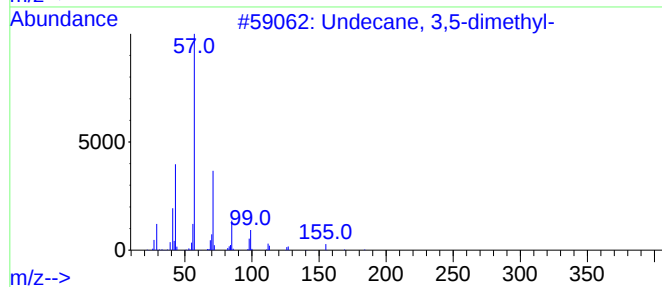
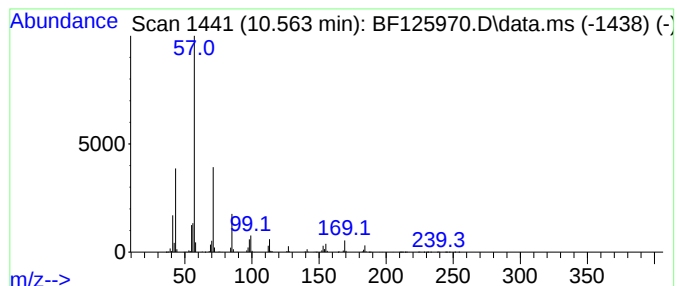
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	44.45 ng	5282610	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	78
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	59
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58
5			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
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Sample : M4372-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

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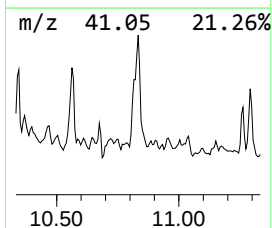
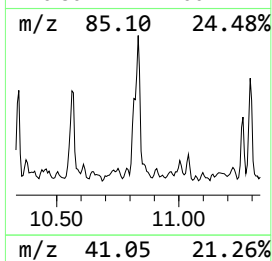
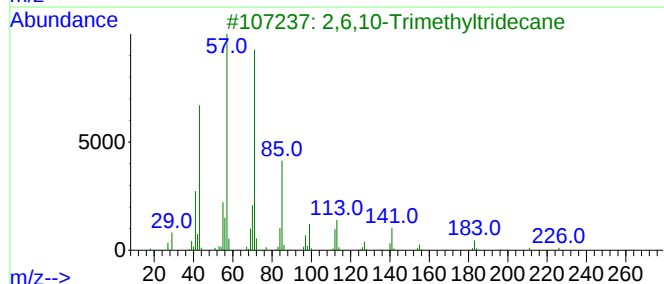
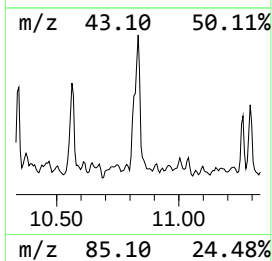
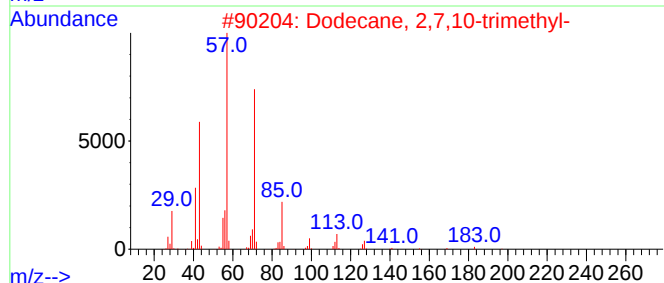
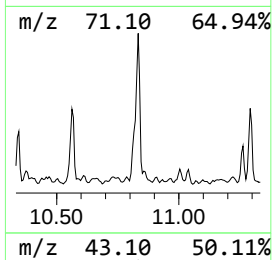
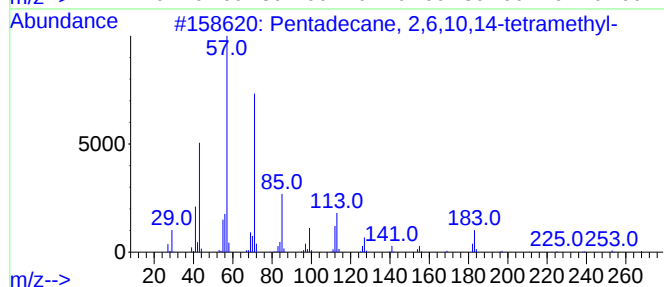
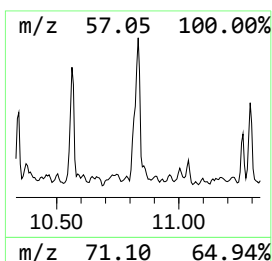
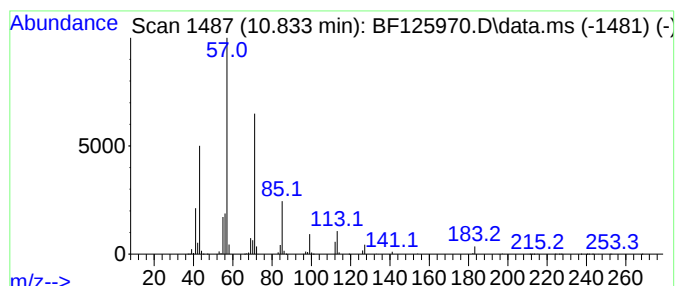
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	397.87 ng	12543900	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	72
4		Tetracosane	338	C24H50	000646-31-1	64
5		Decane, 5-propyl-	184	C13H28	017312-62-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
Operator : JU/CG
Sample : M4372-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

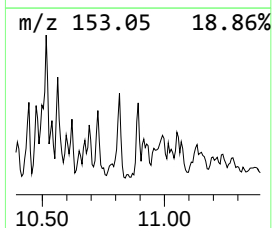
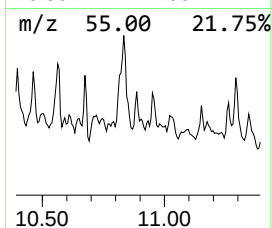
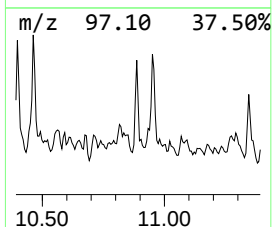
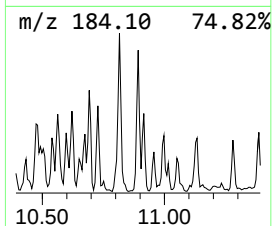
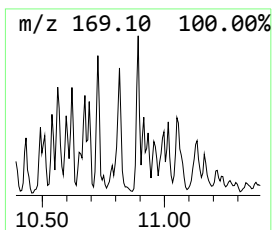
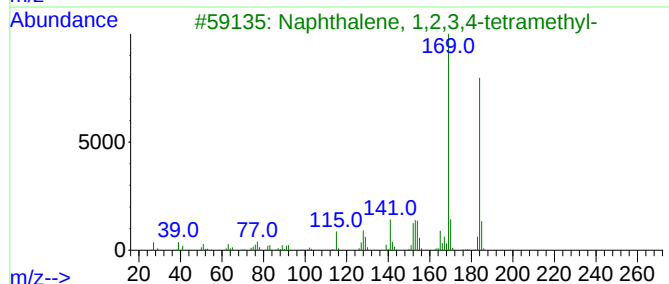
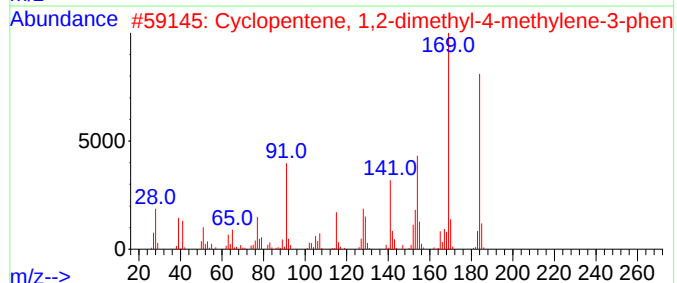
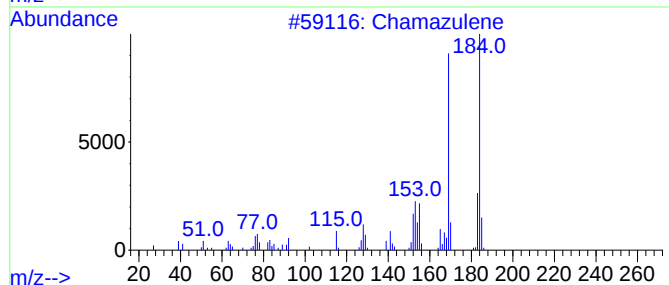
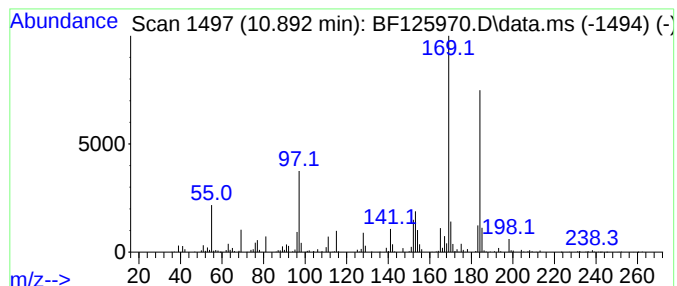
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Chamazulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.892	42.79 ng	1349100	Phenanthrene-d10	11.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	92
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	87
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	86
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	74
5	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
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Sample : M4372-13
Misc :
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Instrument :
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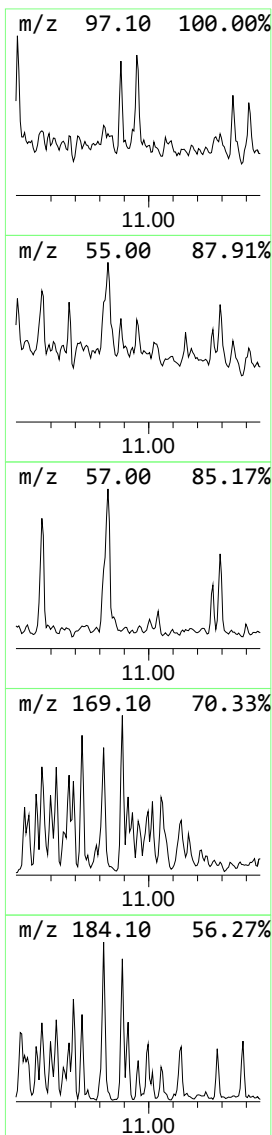
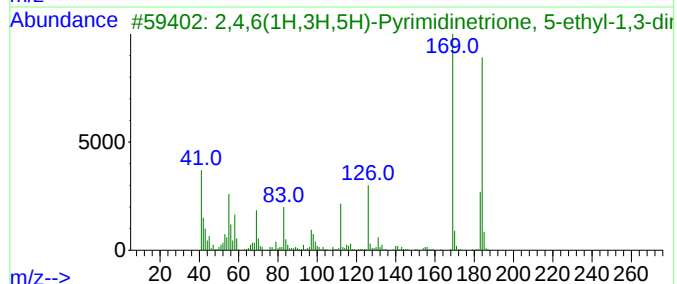
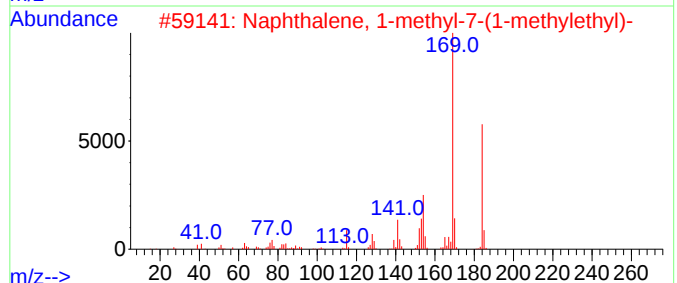
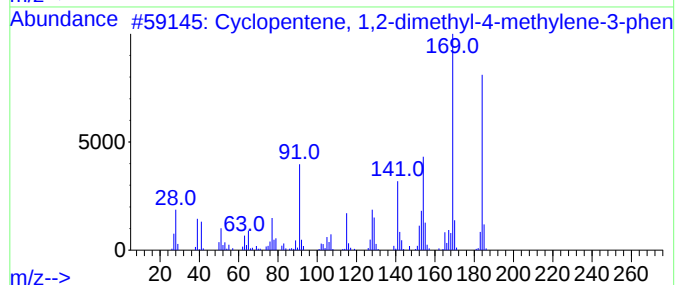
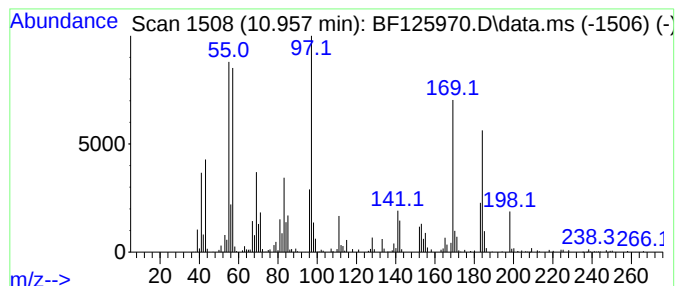
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclopentene, 1,2-dimethyl-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.957	30.56 ng	963368	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
2			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	60
3			2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	50
4			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	46
5			3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
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Sample : M4372-13
Misc :
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ClientSampleId :
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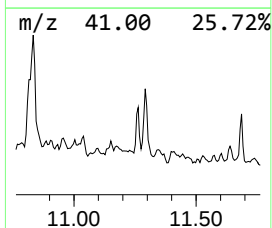
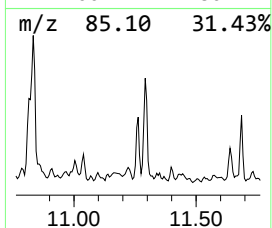
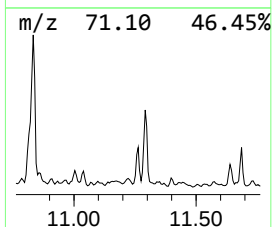
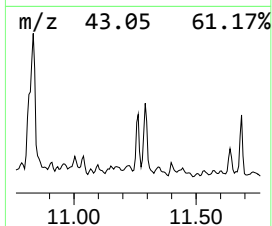
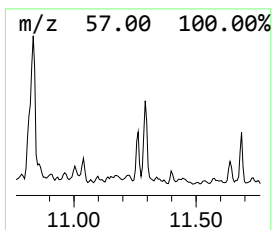
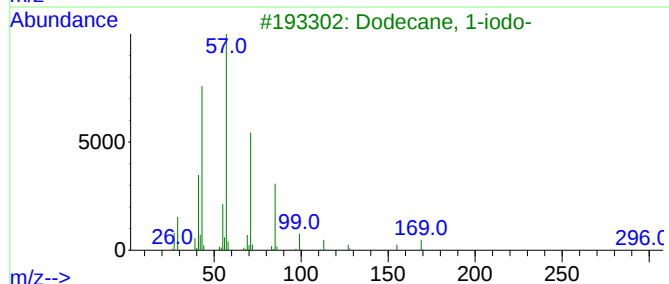
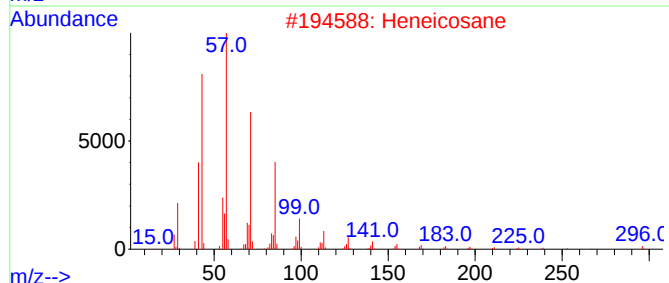
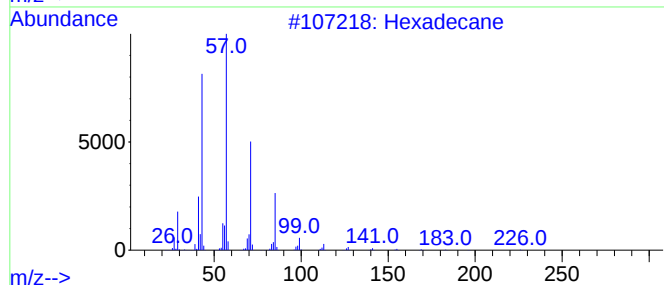
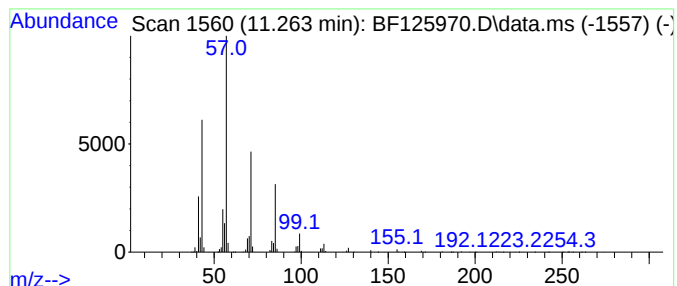
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	66.43 ng	2094250	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Heneicosane	296	C21H44	000629-94-7	80
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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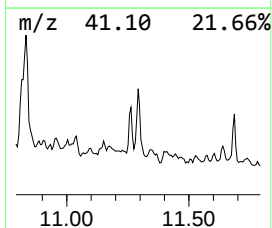
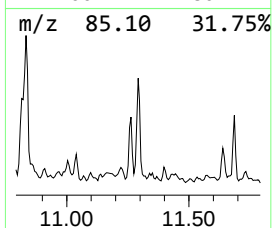
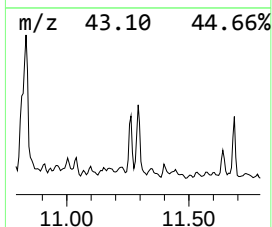
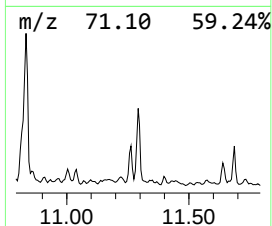
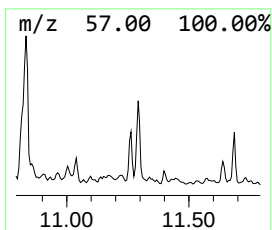
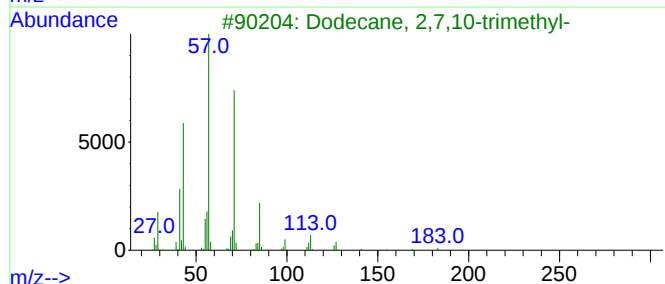
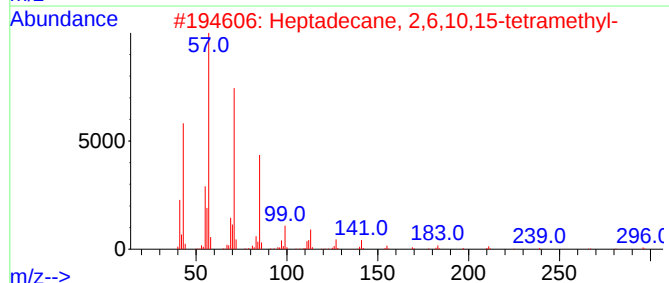
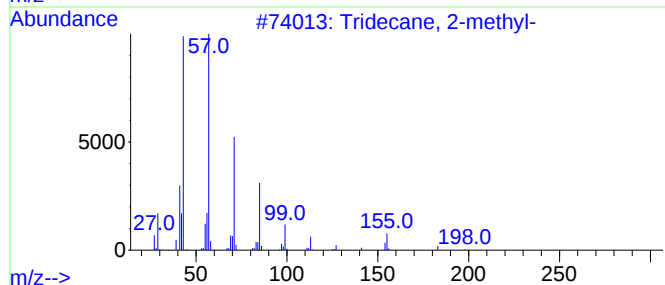
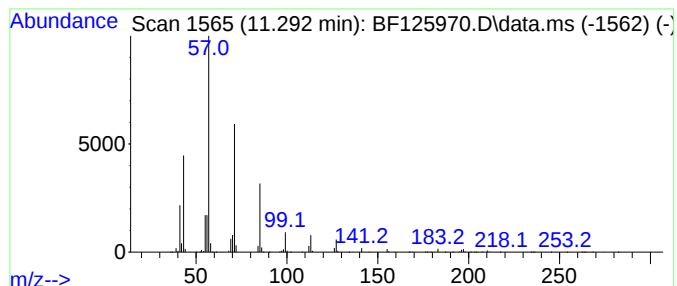
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	166.43 ng	5247220	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4			3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
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Sample : M4372-13
Misc :
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Instrument :
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ClientSampleId :
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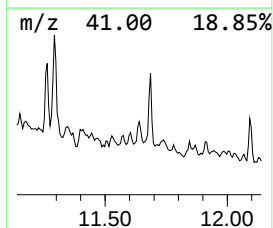
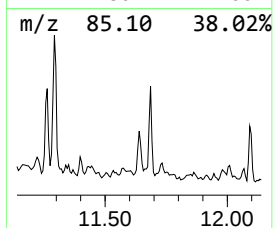
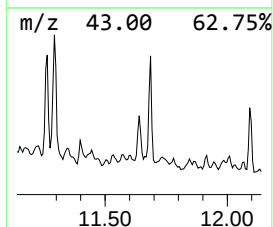
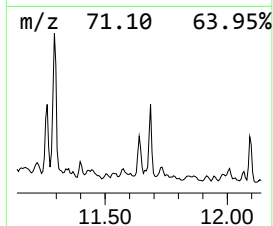
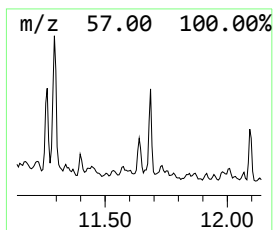
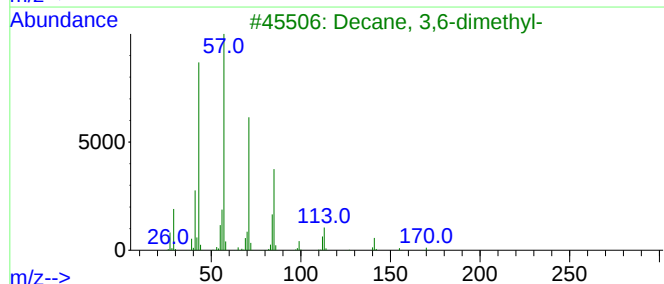
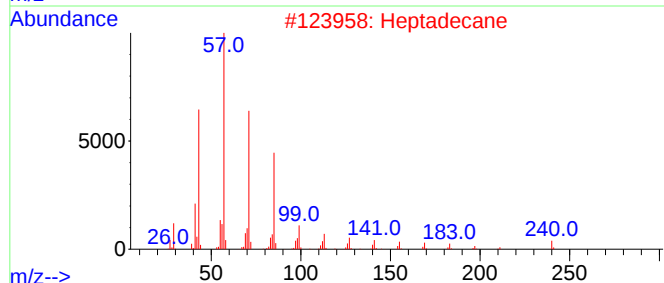
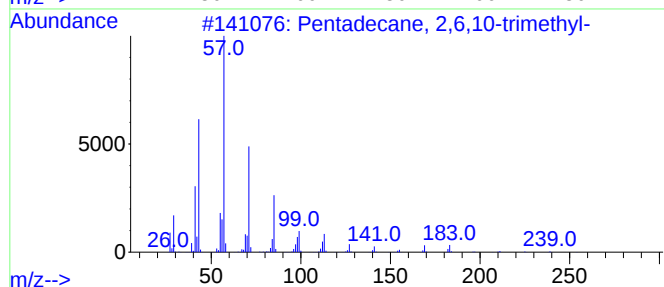
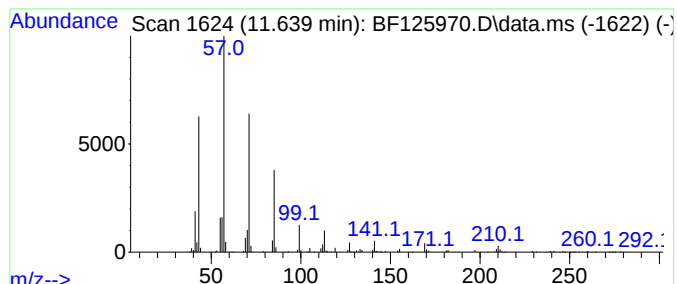
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	37.55 ng	1183860	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
4		Octadecane	254	C18H38	000593-45-3	86
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
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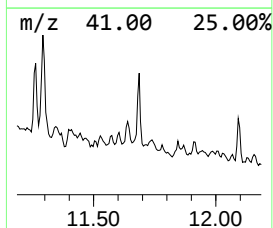
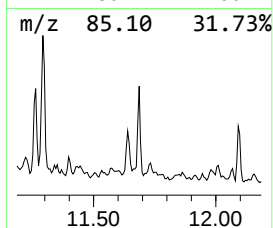
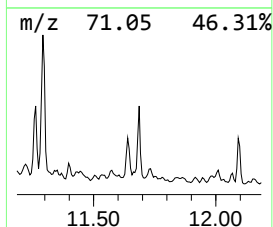
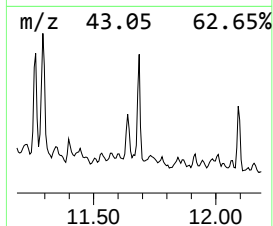
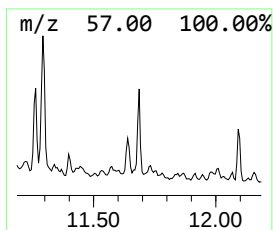
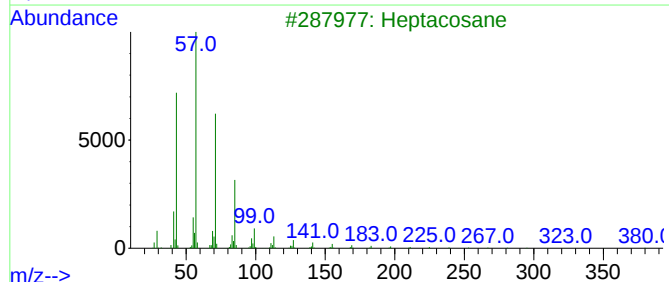
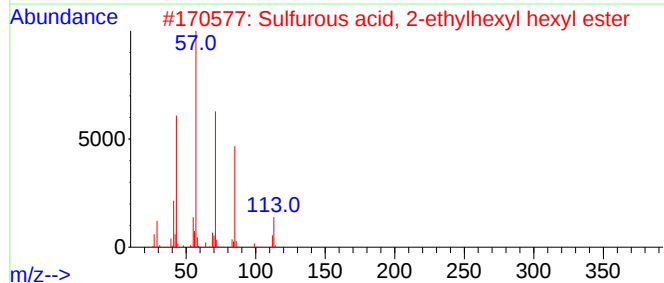
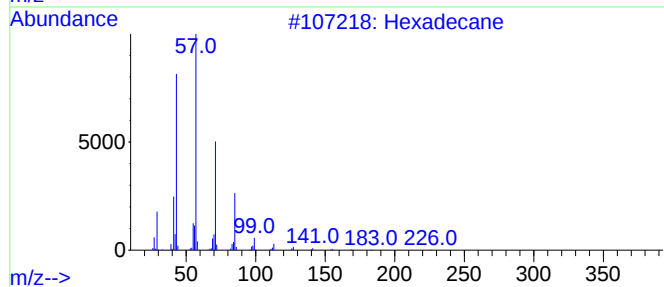
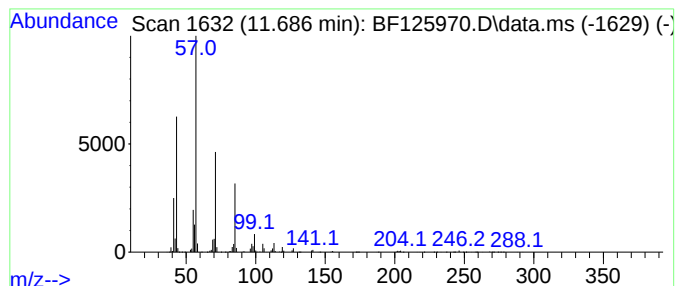
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.686	56.25 ng	1773470	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
3	Heptacosane		380	C27H56	000593-49-7	80
4	Undecane, 5-ethyl-		184	C13H28	017453-94-0	78
5	Dodecane, 3-methyl-		184	C13H28	017312-57-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
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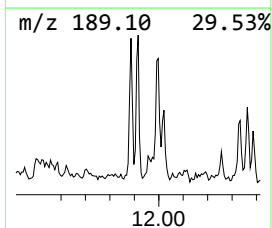
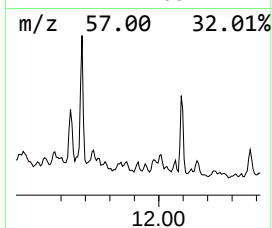
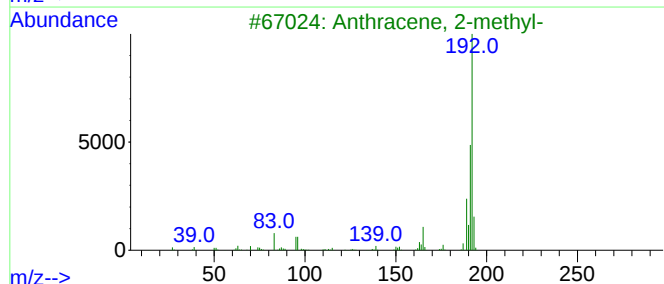
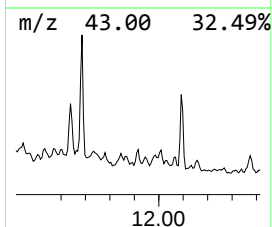
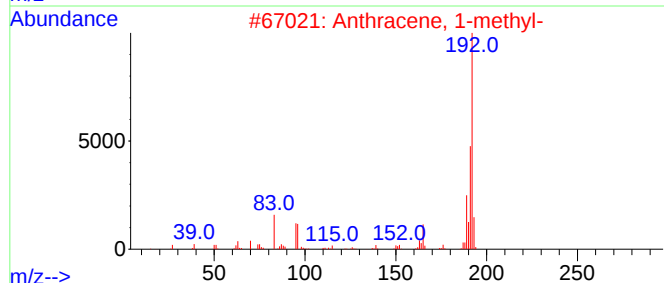
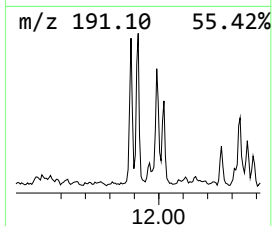
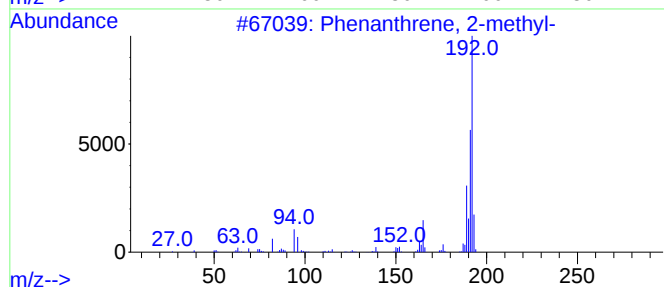
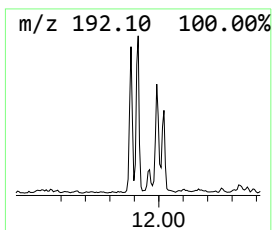
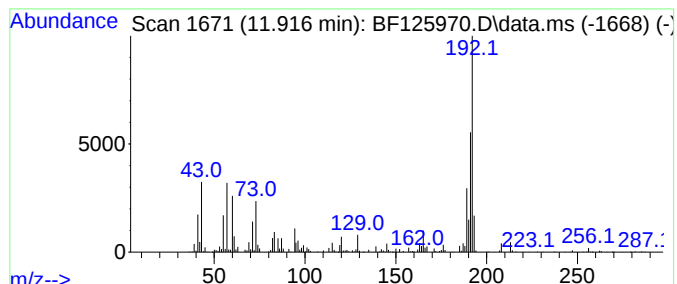
Instrument :
BNA_F
ClientSampleId :
SB-7

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 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	30.91 ng	974634	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	86
2	Anthracene, 1-methyl-		192	C15H12	000610-48-0	83
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	83
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	83
5	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
Operator : JU/CG
Sample : M4372-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7

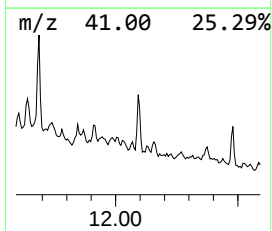
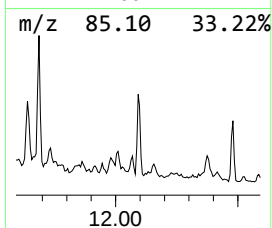
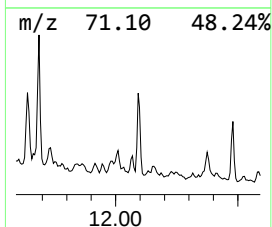
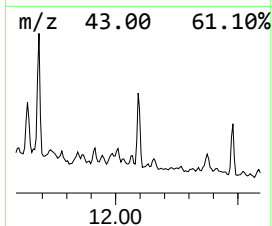
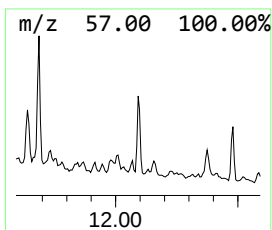
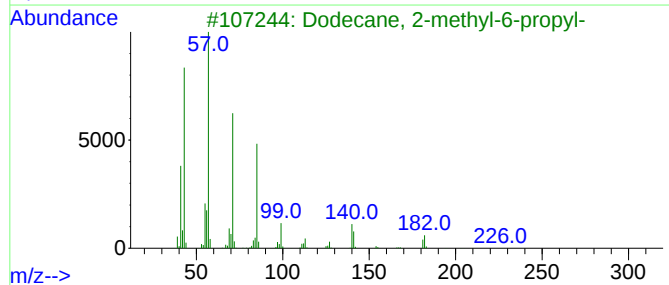
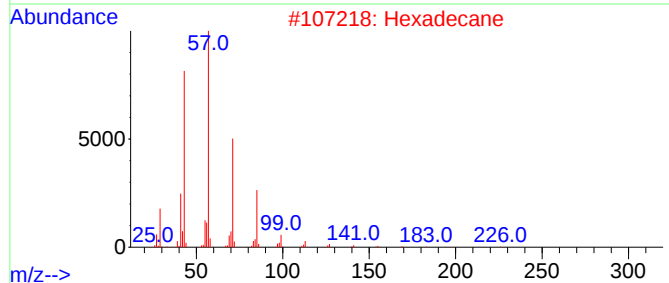
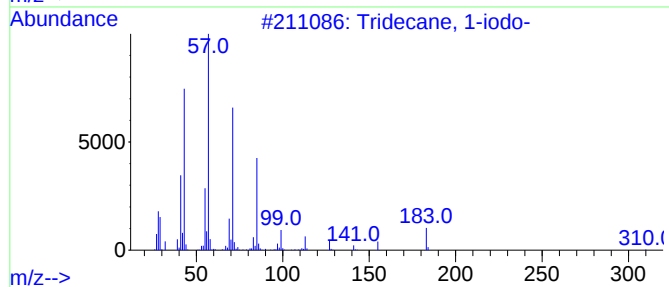
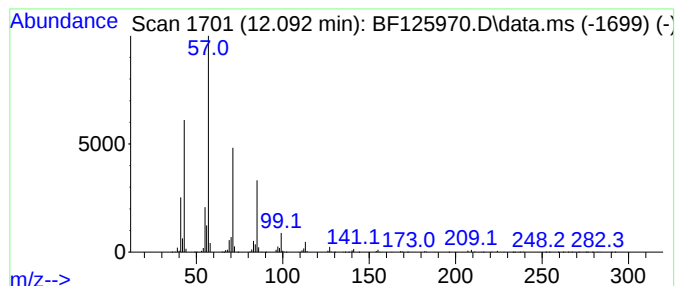
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	42.45 ng	1338310	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
Operator : JU/CG
Sample : M4372-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7

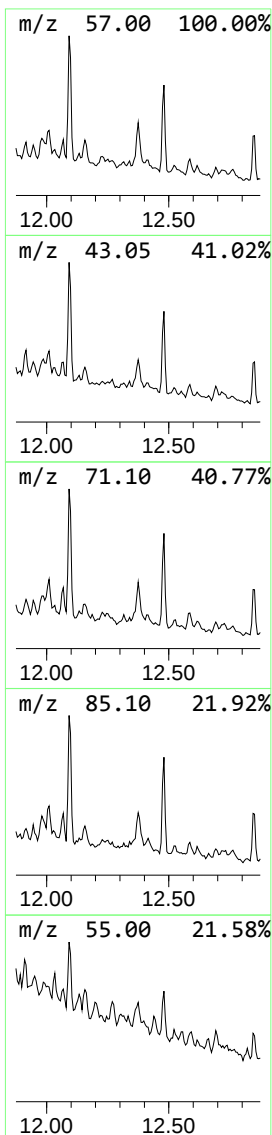
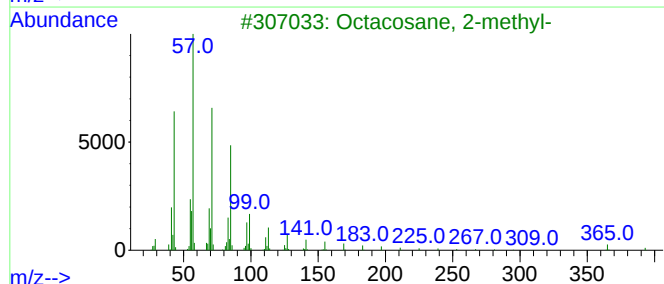
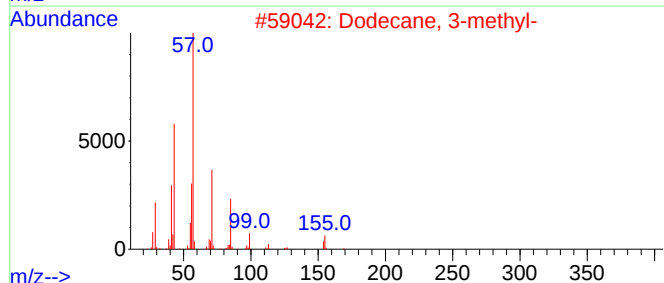
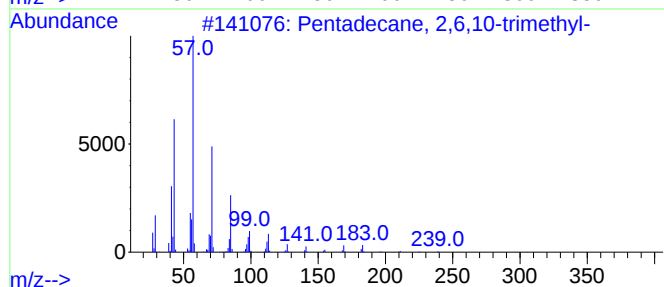
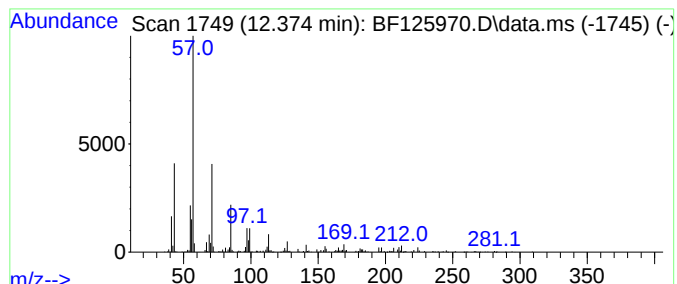
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	37.22 ng	1173420	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3		Octacosane, 2-methyl-	408	C29H60	001560-98-1	64
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125970.D
Acq On : 27 Oct 2021 18:45
Operator : JU/CG
Sample : M4372-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

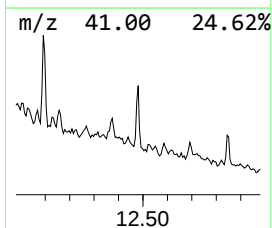
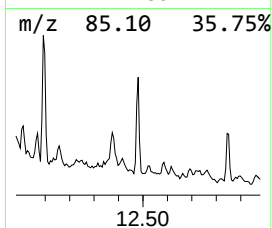
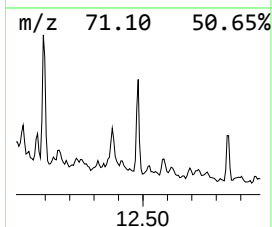
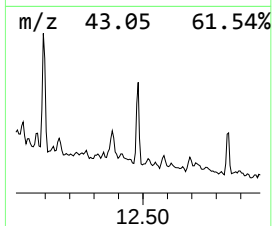
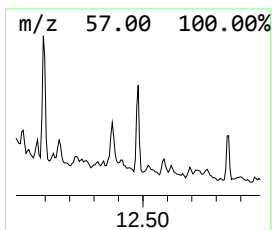
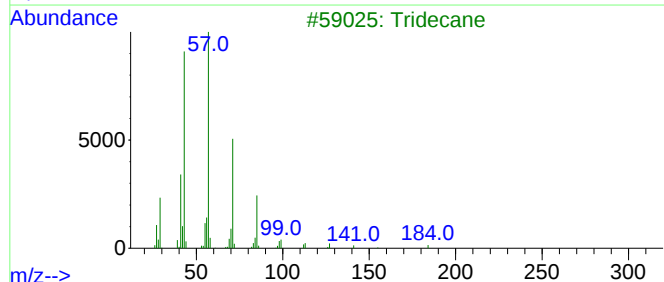
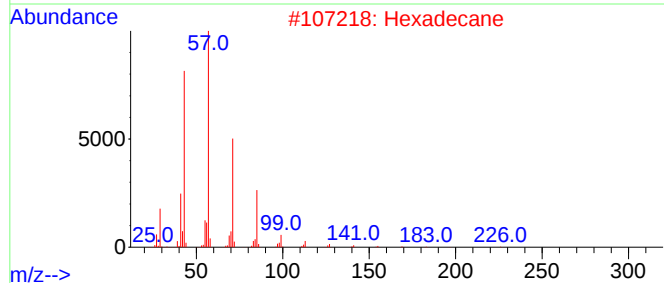
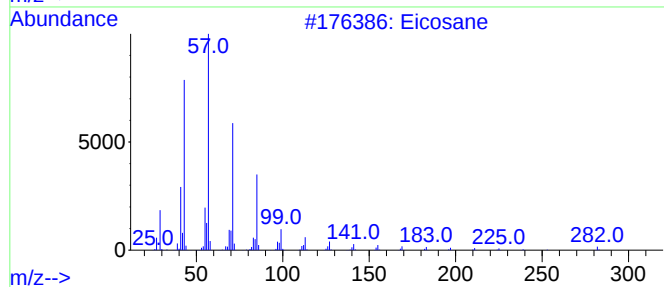
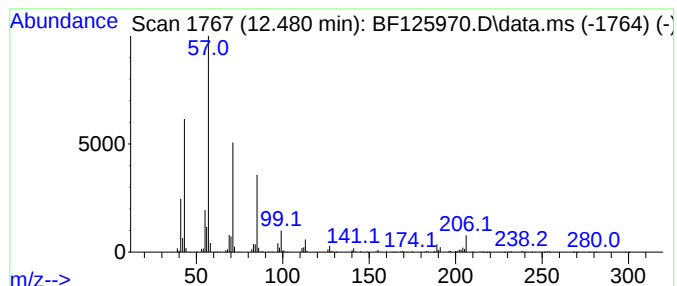
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.480	35.48 ng	1118660	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	86
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tridecane		184	C13H28	000629-50-5	83
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
5	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125970.D
 Acq On : 27 Oct 2021 18:45
 Operator : JU/CG
 Sample : M4372-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

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
Butane, 2-metho...	2.122	70.7	ng	4095910	1	6.857	1158920	20.0
Benzene, 1-meth...	7.139	27.1	ng	1572030	1	6.857	1158920	20.0
Naphthalene, de...	7.257	30.2	ng	1751400	1	6.857	1158920	20.0
Cyclohexane, (4...	8.445	28.8	ng	5918770	2	8.145	4111500	20.0
Undecane, 6,6-d...	8.580	39.1	ng	8048300	2	8.145	4111500	20.0
Cyclohexane, 2-...	9.063	26.9	ng	3201130	3	9.904	2376940	20.0
unknown9.622	9.622	39.5	ng	4694450	3	9.904	2376940	20.0
Decane, 5-propyl-	9.639	45.1	ng	5363860	3	9.904	2376940	20.0
Undecane, 3,5-d...	10.563	44.5	ng	5282610	3	9.904	2376940	20.0
Pentadecane, 2,...	10.833	397.9	ng	12543900	4	11.386	630553	20.0
Chamazulene	10.892	42.8	ng	1349100	4	11.386	630553	20.0
Cyclopentene, 1...	10.957	30.6	ng	963368	4	11.386	630553	20.0
Hexadecane	11.263	66.4	ng	2094250	4	11.386	630553	20.0
Tridecane, 2-me...	11.292	166.4	ng	5247220	4	11.386	630553	20.0
Heptadecane	11.639	37.5	ng	1183860	4	11.386	630553	20.0
Sulfurous acid,...	11.686	56.3	ng	1773470	4	11.386	630553	20.0
Phenanthrene, 2...	11.916	30.9	ng	974634	4	11.386	630553	20.0
Tridecane, 1-iodo-	12.092	42.5	ng	1338310	4	11.386	630553	20.0
Pentadecane, 2,...	12.374	37.2	ng	1173420	4	11.386	630553	20.0
Eicosane	12.480	35.5	ng	1118660	4	11.386	630553	20.0