

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126367.D
 Acq On : 27 Dec 2021 21:12
 Operator : JU/CG
 Sample : M5230-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC124042

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-BF121521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126367.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	562	567	570	rBV	2203993	2195352	96.98%	7.789%
2	6.434	734	739	751	rVB	2154973	2263720	100.00%	8.032%
3	6.810	799	803	806	rBV	784747	649152	28.68%	2.303%
4	7.369	893	898	901	rBV	1579250	1410799	62.32%	5.006%
5	7.410	903	905	909	rVB	140832	114197	5.04%	0.405%
6	7.845	976	979	983	rVB2	37309	41686	1.84%	0.148%
7	8.092	1015	1021	1023	rBV2	952637	1043984	46.12%	3.704%
8	8.110	1023	1024	1028	rVV	92501	74554	3.29%	0.265%
9	8.157	1030	1032	1035	rVB	105370	92207	4.07%	0.327%
10	8.387	1064	1071	1078	rBV4	64041	125028	5.52%	0.444%
11	8.445	1078	1081	1083	rBV2	43764	39851	1.76%	0.141%
12	8.475	1083	1086	1090	rVB	76914	65722	2.90%	0.233%
13	8.522	1090	1094	1099	rBV	163001	162255	7.17%	0.576%
14	8.692	1119	1123	1126	rBV	531787	463976	20.50%	1.646%
15	8.787	1136	1139	1141	rVV2	57533	51995	2.30%	0.184%
16	8.857	1147	1151	1154	rBV	78809	84238	3.72%	0.299%
17	8.904	1156	1159	1165	rVB2	61532	77845	3.44%	0.276%
18	8.975	1168	1171	1172	rBV	66240	58717	2.59%	0.208%
19	9.004	1172	1176	1177	rVV3	47988	62282	2.75%	0.221%
20	9.057	1182	1185	1187	rVB	98600	83833	3.70%	0.297%
21	9.092	1188	1191	1193	rBV	71607	59728	2.64%	0.212%
22	9.122	1193	1196	1200	rVB	199438	168495	7.44%	0.598%
23	9.169	1200	1204	1207	rBV	2158283	1746248	77.14%	6.196%
24	9.257	1215	1219	1223	rBV	732923	678252	29.96%	2.407%
25	9.322	1228	1230	1235	rVB5	56016	70119	3.10%	0.249%
26	9.428	1242	1248	1249	rBV5	62944	81790	3.61%	0.290%
27	9.504	1255	1261	1264	rBV3	124956	182125	8.05%	0.646%
28	9.534	1264	1266	1268	rVB	109539	84626	3.74%	0.300%
29	9.575	1268	1273	1275	rBV	325621	361043	15.95%	1.281%
30	9.598	1275	1277	1279	rVV	123782	106945	4.72%	0.379%
31	9.633	1279	1283	1286	rVB2	102927	102822	4.54%	0.365%
32	9.757	1301	1304	1306	rBV3	42071	47125	2.08%	0.167%
33	9.786	1306	1309	1313	rVB	760409	622341	27.49%	2.208%
34	9.845	1316	1319	1322	rVV	910694	742297	32.79%	2.634%
35	9.875	1322	1324	1328	rVB	198084	184018	8.13%	0.653%
36	9.957	1335	1338	1341	rVB3	51687	64474	2.85%	0.229%

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37	10.016	1344	1348	1351	rVV3	77315	130171	5.75%	0.462%
38	10.045	1351	1353	1356	rVV2	190067	185708	8.20%	0.659%
39	10.104	1359	1363	1367	rVV4	132213	197440	8.72%	0.701%
40	10.163	1371	1373	1376	rVV3	41826	45339	2.00%	0.161%
41	10.263	1387	1390	1391	rBV3	62324	67765	2.99%	0.240%
42	10.286	1391	1394	1396	rVB	625042	526528	23.26%	1.868%
43	10.339	1401	1403	1408	rVB3	52726	62673	2.77%	0.222%
44	10.392	1408	1412	1414	rBV	195394	172314	7.61%	0.611%
45	10.457	1418	1423	1425	rVB4	32562	52458	2.32%	0.186%
46	10.504	1425	1431	1437	rBV	264682	346186	15.29%	1.228%
47	10.551	1437	1439	1443	rVB3	81780	89326	3.95%	0.317%
48	10.586	1443	1445	1448	rBV2	77170	79485	3.51%	0.282%
49	10.633	1448	1453	1457	rBV	1021684	972155	42.95%	3.449%
50	10.757	1471	1474	1483	rBV	703611	803522	35.50%	2.851%
51	10.945	1503	1506	1508	rVV2	71305	84549	3.73%	0.300%
52	10.986	1511	1513	1516	rVB3	54911	47298	2.09%	0.168%
53	11.204	1547	1550	1553	rVV	482136	409693	18.10%	1.454%
54	11.233	1553	1555	1561	rVB2	198126	210467	9.30%	0.747%
55	11.328	1568	1571	1573	rBV	636677	568768	25.13%	2.018%
56	11.351	1573	1575	1578	rVV	630535	559276	24.71%	1.984%
57	11.386	1578	1581	1582	rVV2	40113	47157	2.08%	0.167%
58	11.404	1582	1584	1588	rVV	200408	164436	7.26%	0.583%
59	11.557	1606	1610	1613	rBV2	45824	57569	2.54%	0.204%
60	11.586	1613	1615	1619	rVB	60276	52737	2.33%	0.187%
61	11.633	1619	1623	1626	rBV	384425	303184	13.39%	1.076%
62	11.833	1654	1657	1659	rVB	66176	51837	2.29%	0.184%
63	11.863	1659	1662	1665	rVB	100281	89363	3.95%	0.317%
64	11.904	1665	1669	1672	rBV3	38349	49888	2.20%	0.177%
65	11.945	1672	1676	1678	rBV	140750	138630	6.12%	0.492%
66	12.039	1689	1692	1695	rBV	290965	217051	9.59%	0.770%
67	12.322	1736	1740	1744	rVV2	39812	61505	2.72%	0.218%
68	12.386	1748	1751	1753	rVV2	56276	60575	2.68%	0.215%
69	12.427	1753	1758	1762	rVB	219145	208173	9.20%	0.739%
70	12.545	1774	1778	1781	rBV	662520	595906	26.32%	2.114%
71	12.769	1811	1816	1819	rBV	529083	542502	23.97%	1.925%
72	12.798	1819	1821	1824	rVV	142557	121073	5.35%	0.430%
73	12.916	1838	1841	1849	rVB	1386863	1253807	55.39%	4.449%
74	12.992	1849	1854	1857	rBV2	35890	55705	2.46%	0.198%
75	13.098	1870	1872	1876	rVB	98439	87396	3.86%	0.310%
76	13.163	1879	1883	1886	rVB3	117779	142553	6.30%	0.506%

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77	13.204	1886	1890	1893	rBV2	58066	61384	2.71%	0.218%
78	13.463	1929	1934	1938	rBV5	29587	41619	1.84%	0.148%
79	13.498	1938	1940	1943	rBV	58816	55438	2.45%	0.197%
80	13.716	1973	1977	1980	rBV2	38055	49075	2.17%	0.174%
81	13.827	1991	1996	2001	rVB5	43916	70242	3.10%	0.249%
82	13.892	2003	2007	2009	rBV3	36359	60134	2.66%	0.213%
83	13.969	2015	2020	2023	rBV2	753580	914127	40.38%	3.243%
84	13.992	2023	2024	2030	rVB	257634	203721	9.00%	0.723%
85	14.074	2033	2038	2042	rBV2	67563	67405	2.98%	0.239%
86	14.357	2082	2086	2089	rBV	58595	55275	2.44%	0.196%
87	14.451	2098	2102	2105	rVV3	66604	65827	2.91%	0.234%
88	14.551	2114	2119	2126	rBV4	21798	41295	1.82%	0.147%
89	14.751	2148	2153	2157	rBV2	36466	50572	2.23%	0.179%
90	14.998	2190	2195	2198	rBV	220760	329898	14.57%	1.171%
91	15.104	2207	2213	2219	rVB2	52803	102913	4.55%	0.365%
92	15.292	2239	2245	2251	rVB	130520	190569	8.42%	0.676%
93	15.351	2251	2255	2262	rVV	184911	235365	10.40%	0.835%
94	15.415	2262	2266	2270	rVV	537451	682921	30.17%	2.423%
95	15.451	2270	2272	2278	rVB3	75549	114746	5.07%	0.407%
96	15.768	2321	2326	2334	rVB4	35202	69494	3.07%	0.247%
97	15.886	2342	2346	2350	rBV2	47877	70846	3.13%	0.251%
98	16.839	2503	2508	2518	rVB2	70193	140112	6.19%	0.497%
99	17.262	2575	2580	2587	rBV	44253	87858	3.88%	0.312%
100	17.915	2687	2691	2699	rVB7	19611	47207	2.09%	0.167%

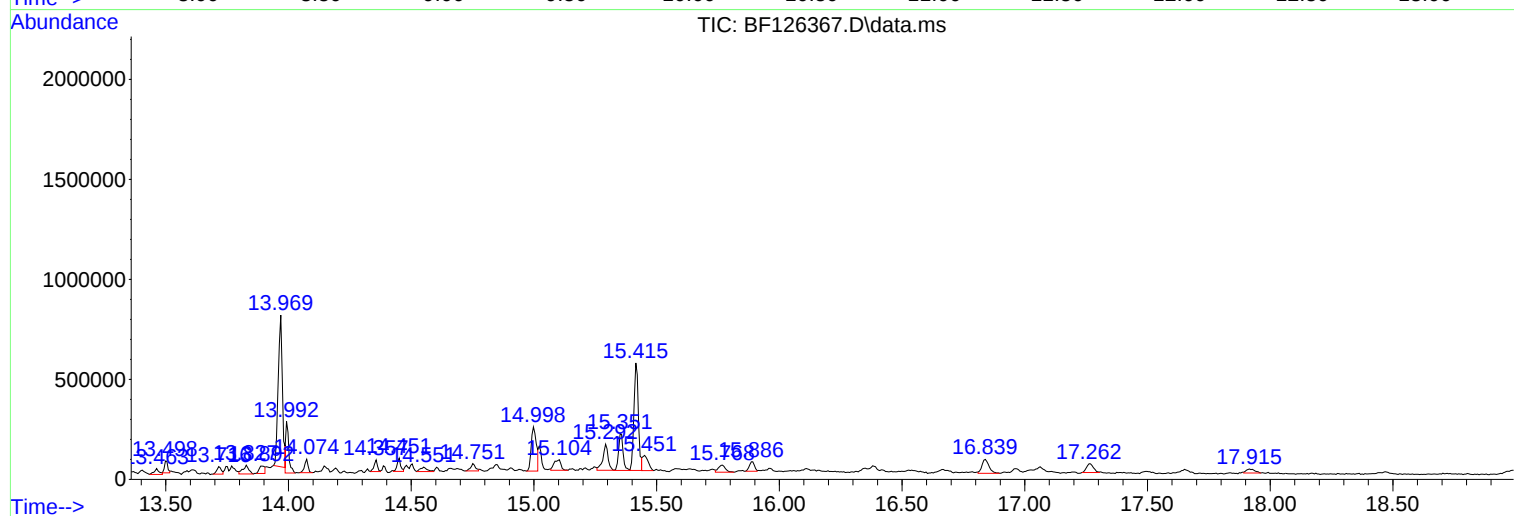
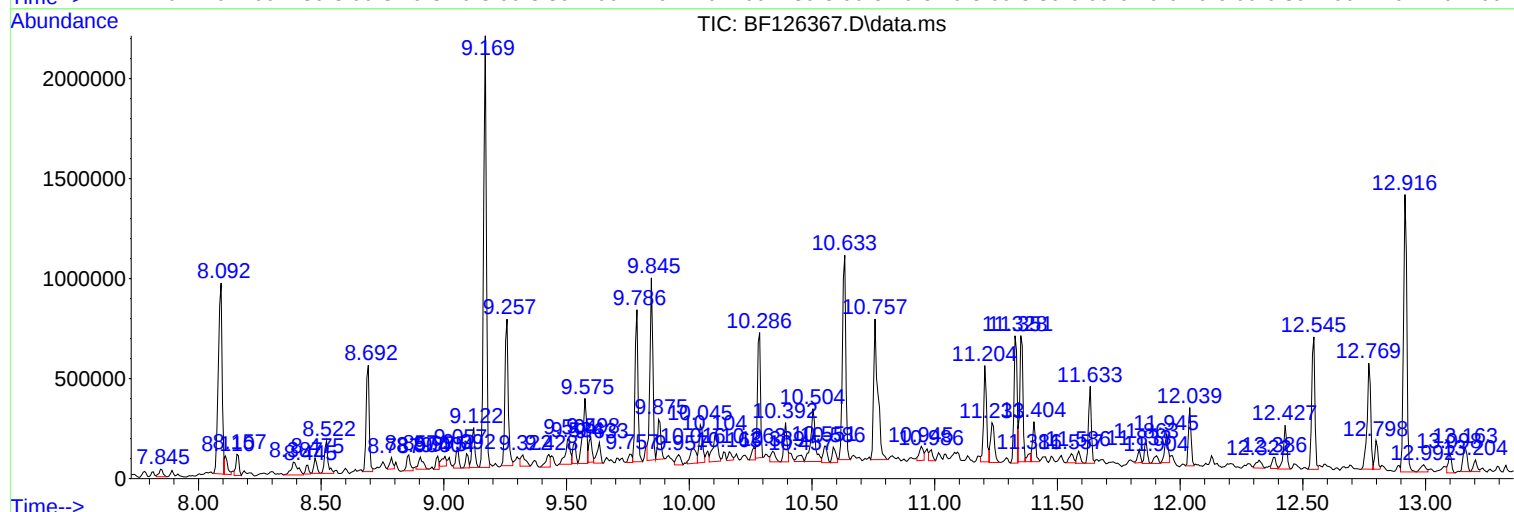
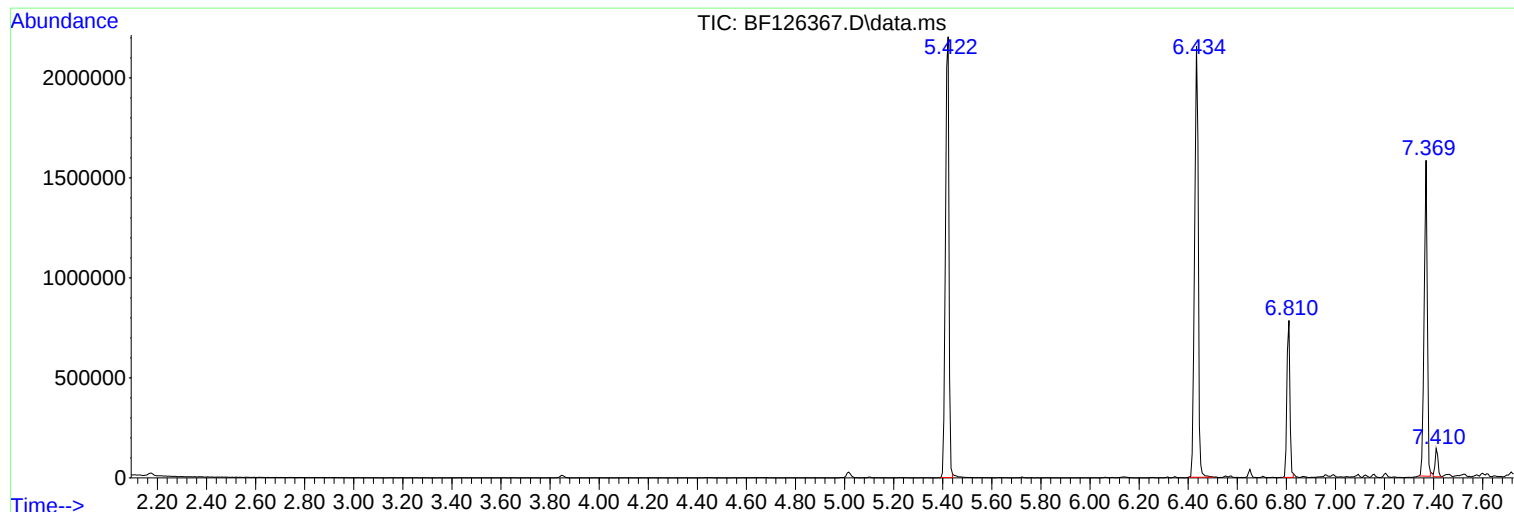
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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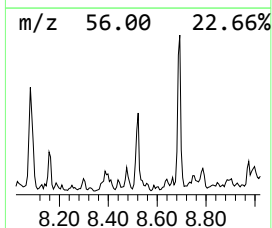
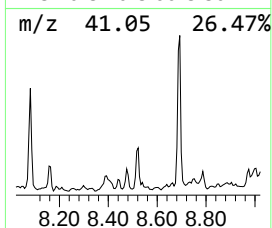
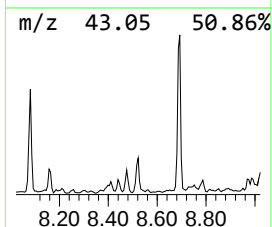
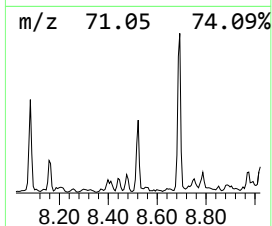
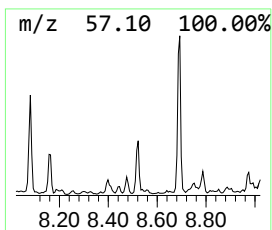
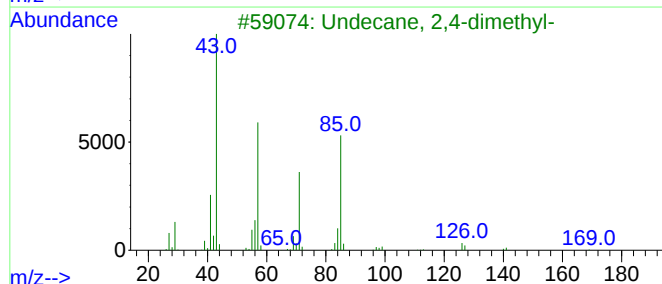
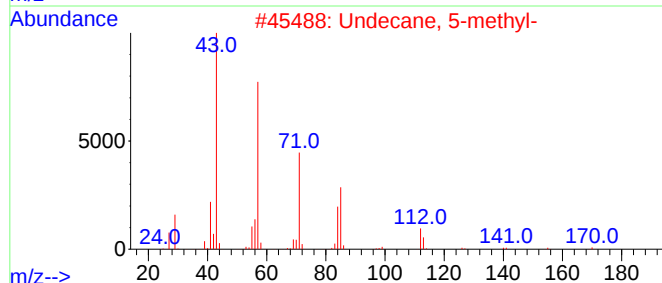
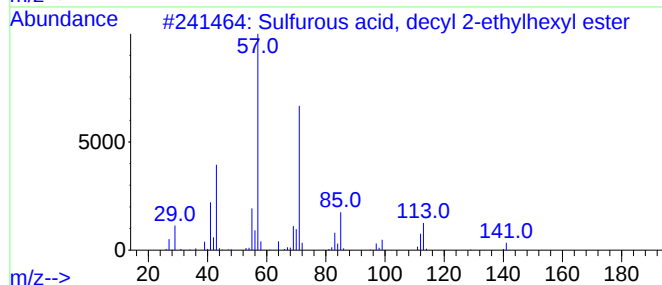
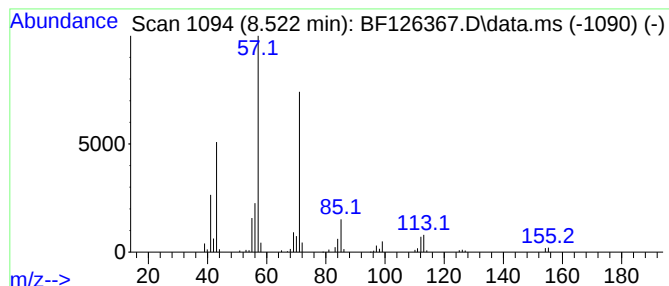
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Sulfurous acid, decyl 2-eth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	3.11 ng	162255	Naphthalene-d8	8.092

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	64



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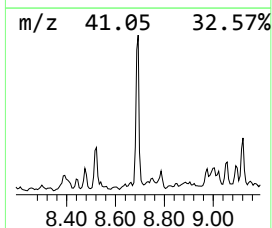
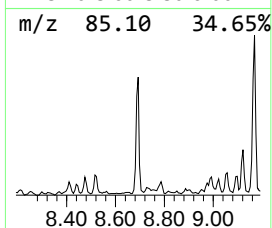
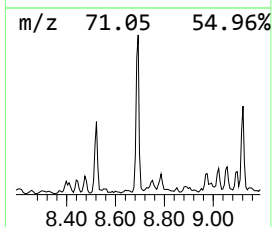
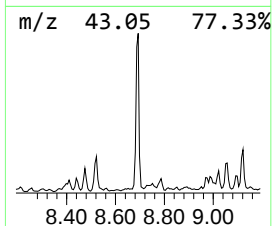
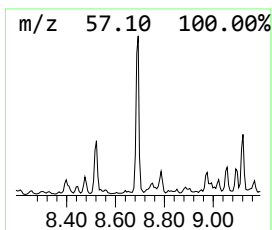
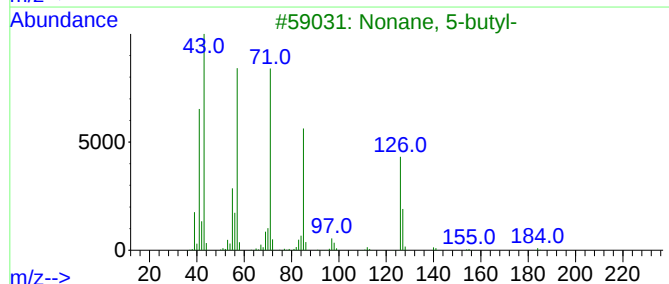
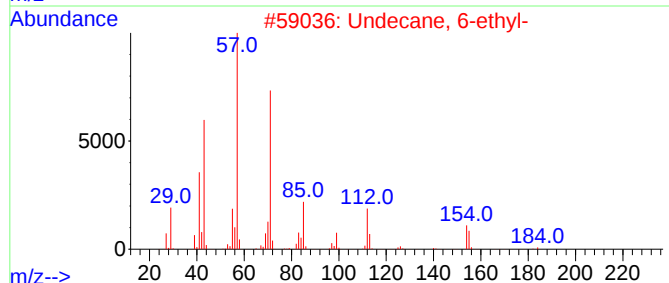
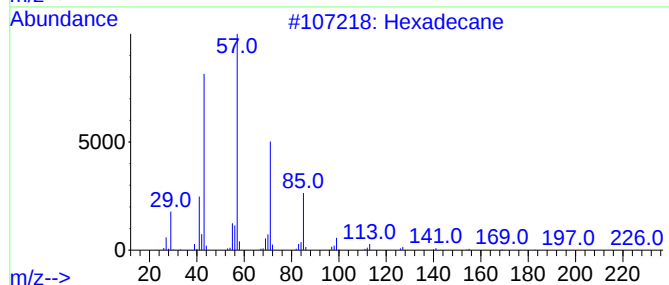
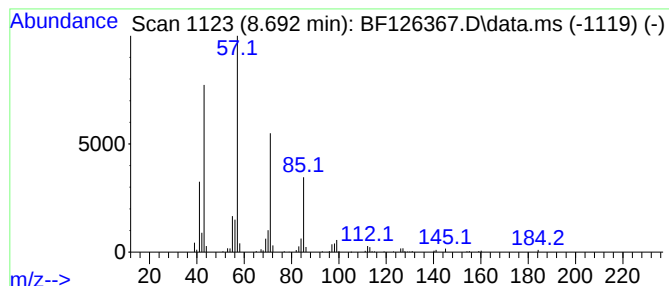
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	8.89 ng	463976	Naphthalene-d8	8.092

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	87
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Tetradecane	198	C14H30	000629-59-4	86



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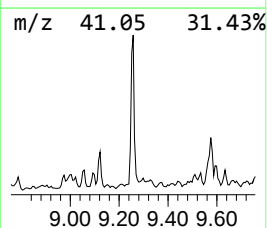
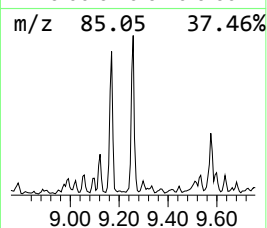
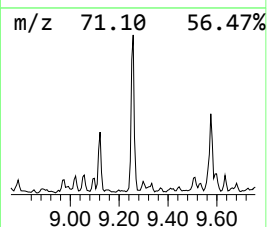
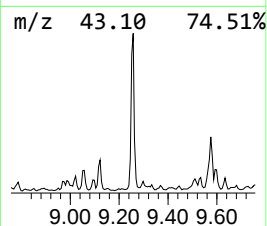
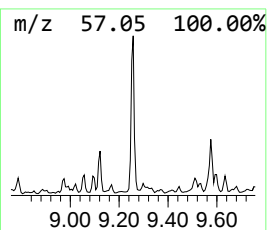
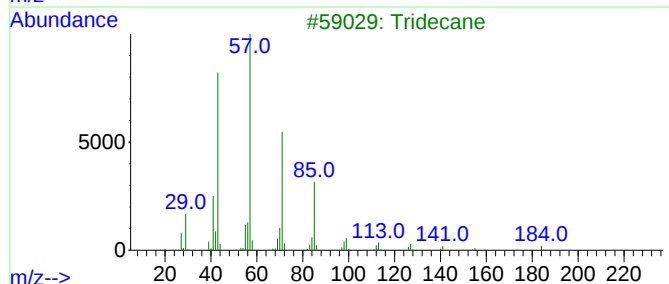
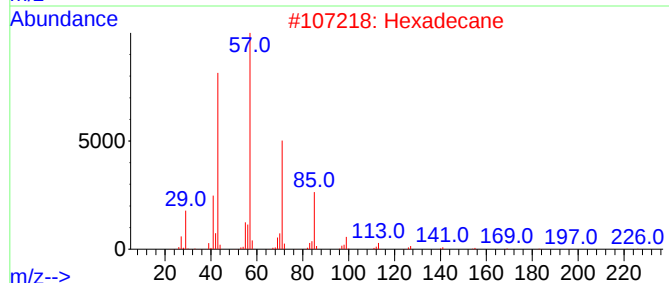
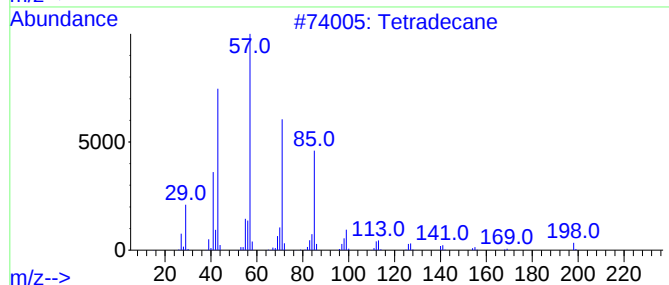
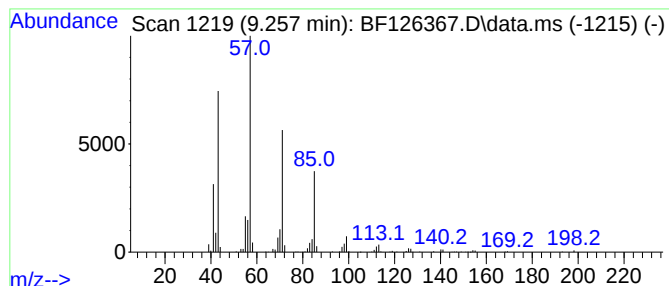
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	18.27 ng	678252	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Heptadecane	240	C17H36	000629-78-7	83
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124042

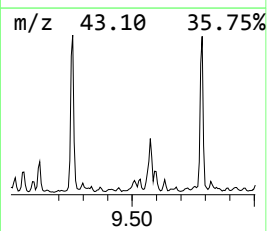
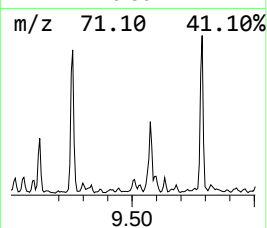
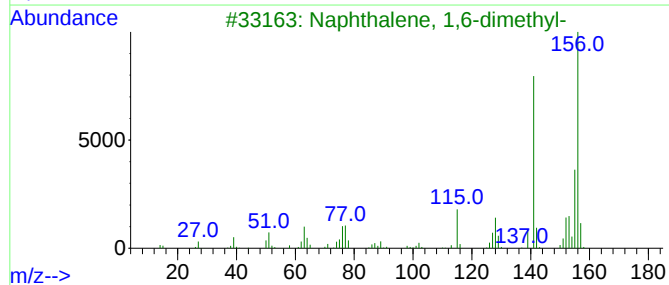
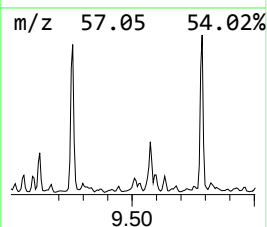
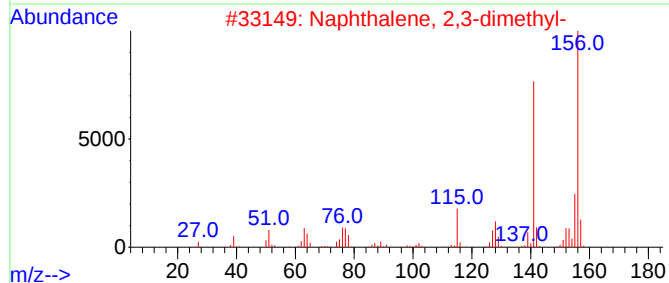
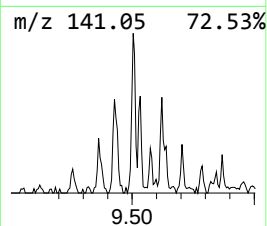
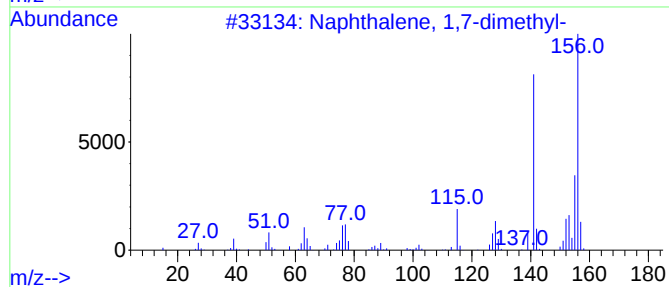
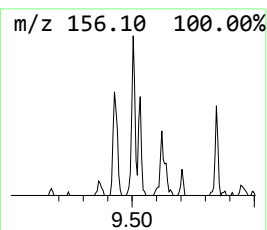
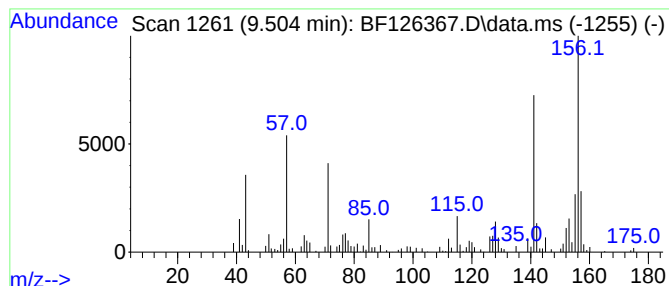
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	4.91 ng	182125	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
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Sample : M5230-01
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ClientSampleId :
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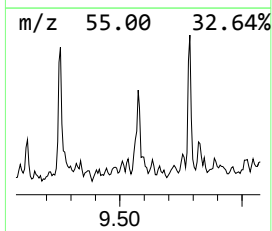
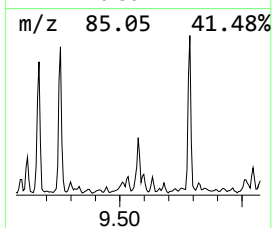
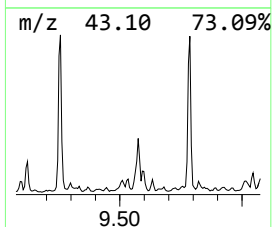
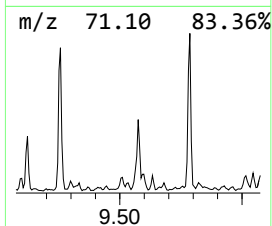
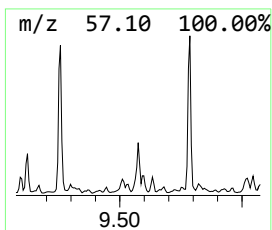
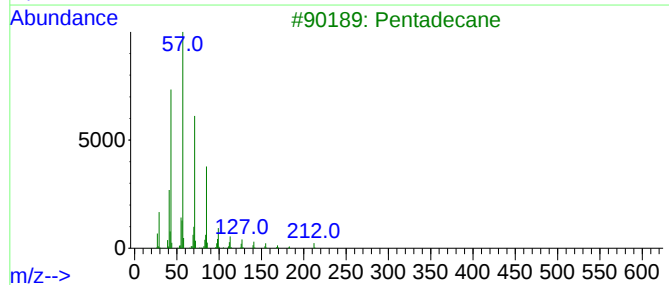
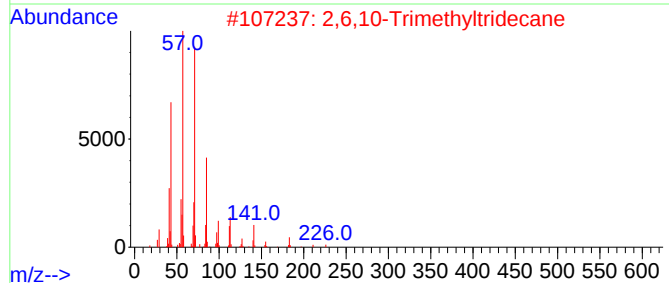
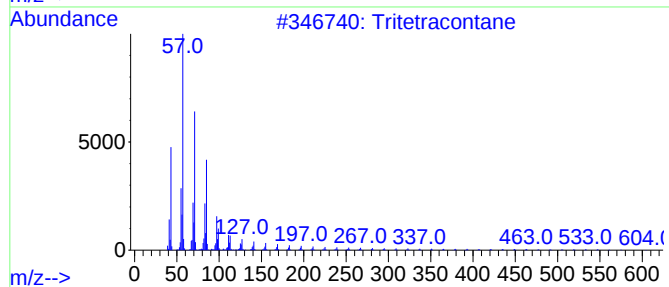
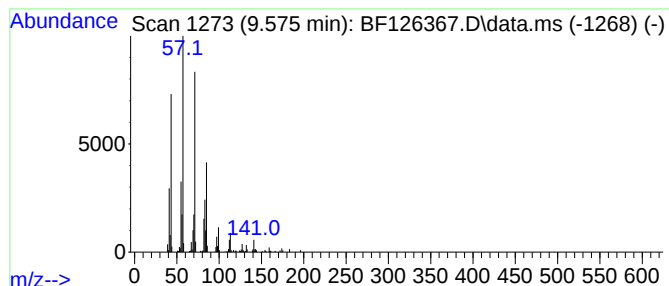
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tritetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	9.73 ng	361043	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	90
2			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
3			Pentadecane	212	C15H32	000629-62-9	80
4			Heptacosane	380	C27H56	000593-49-7	80
5			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
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Sample : M5230-01
Misc :
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ClientSampleId :
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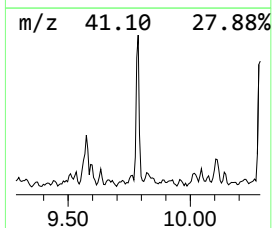
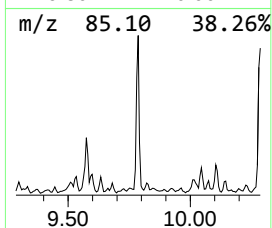
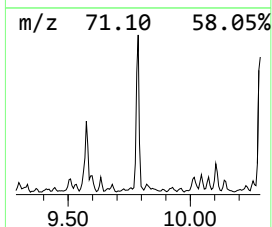
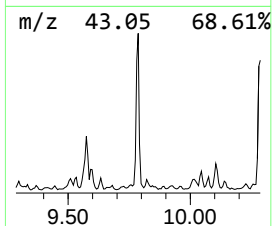
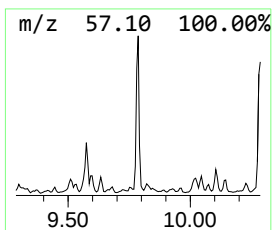
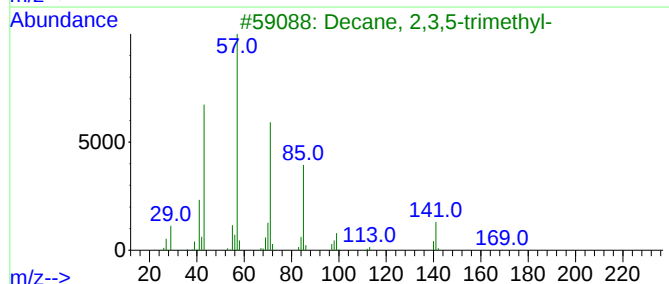
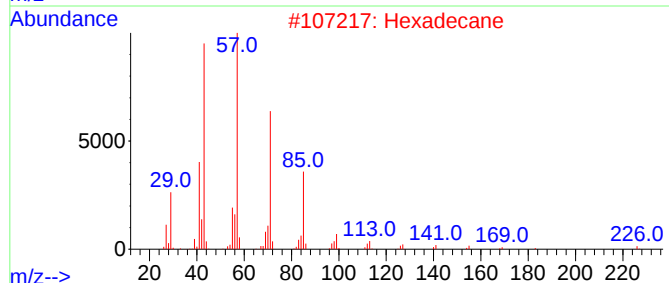
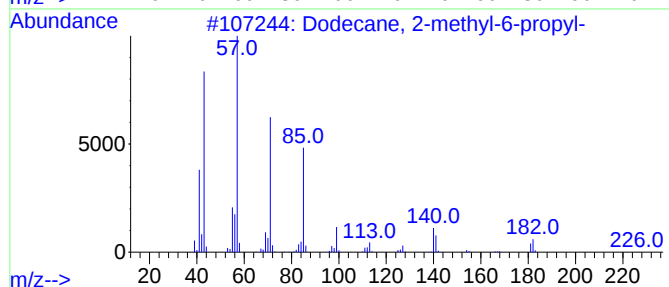
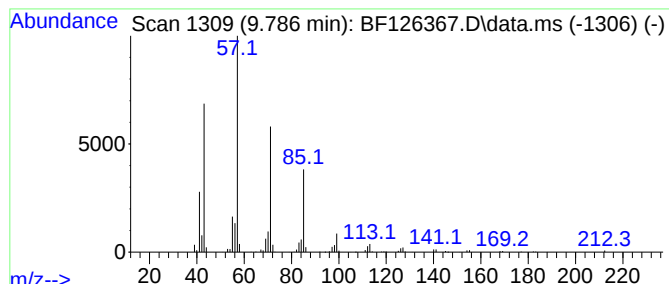
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	16.77 ng	622341	Acenaphthene-d10	9.845

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2		Hexadecane	226	C16H34	000544-76-3	83
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4		Tetradecane	198	C14H30	000629-59-4	64
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
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ClientSampleId :
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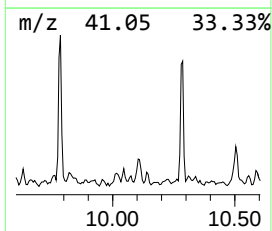
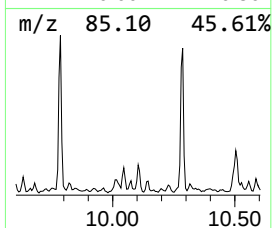
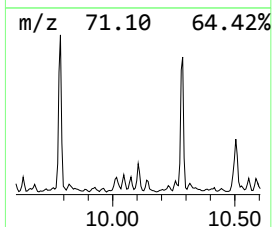
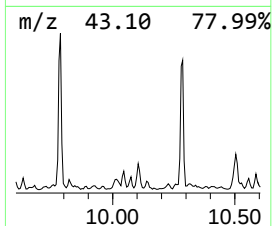
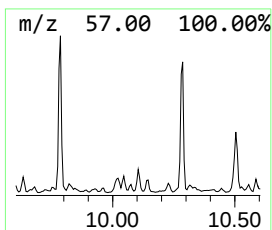
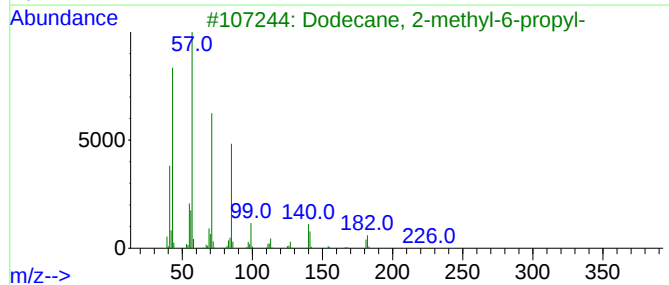
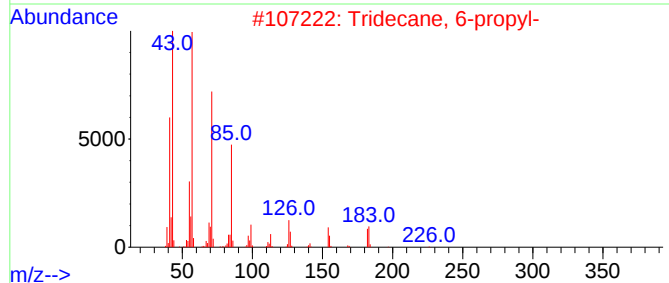
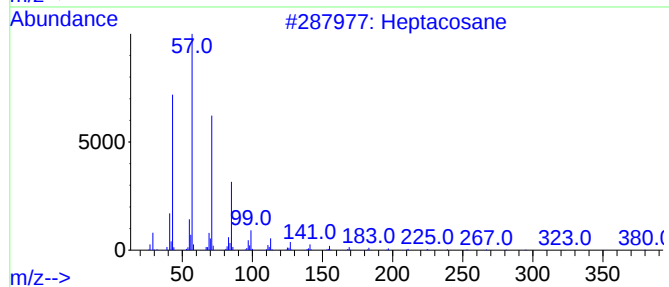
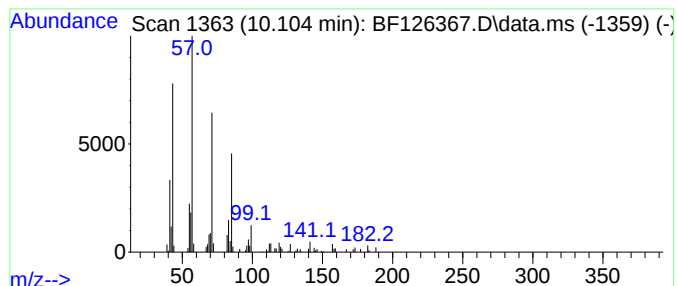
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	5.32 ng	197440	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	80
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
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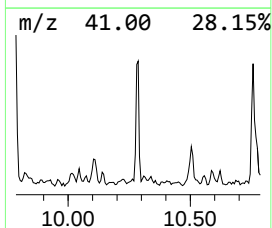
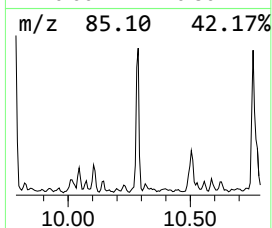
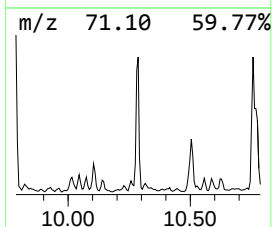
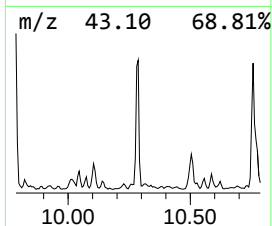
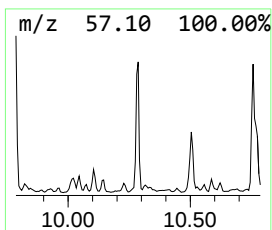
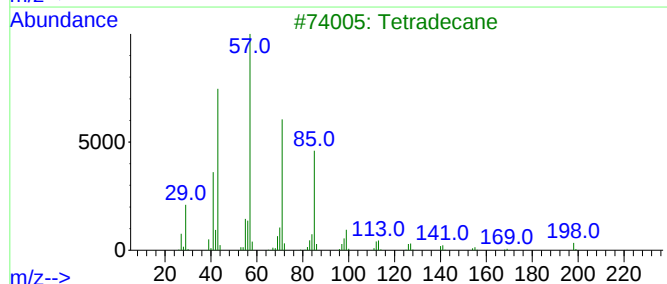
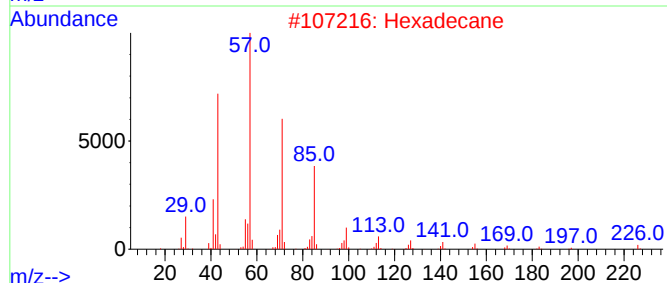
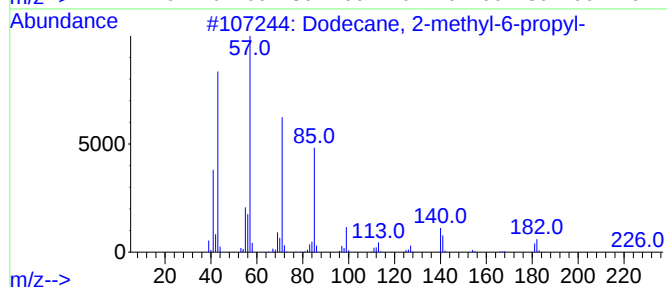
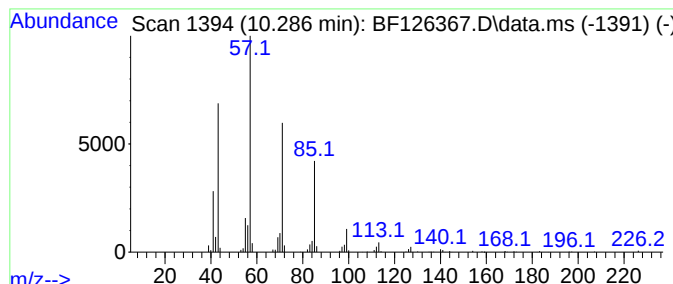
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	14.19 ng	526528	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tetradecane	198	C14H30	000629-59-4	83
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
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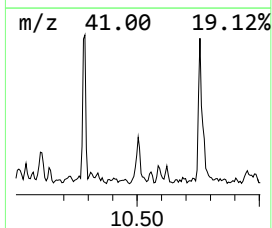
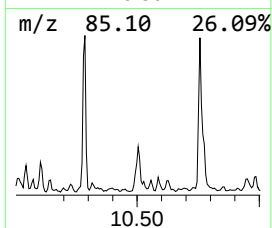
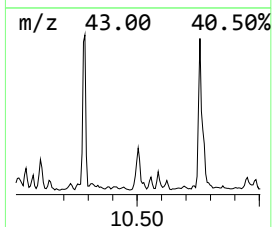
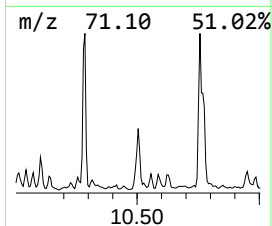
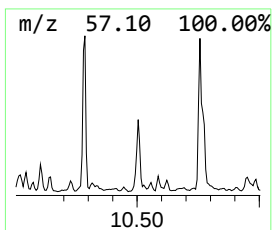
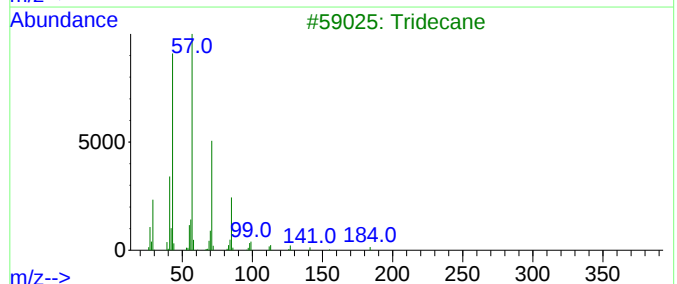
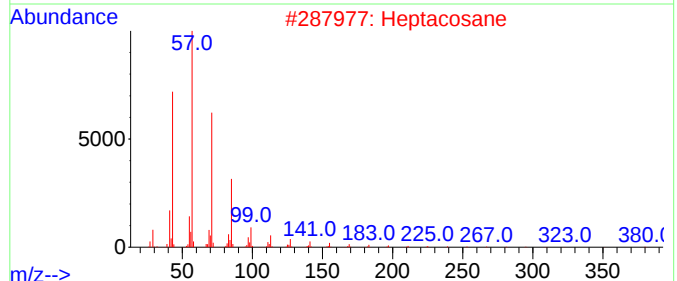
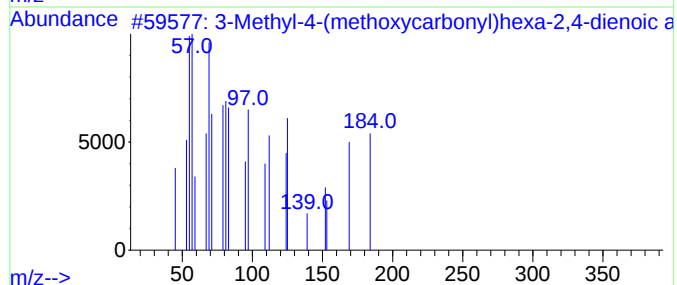
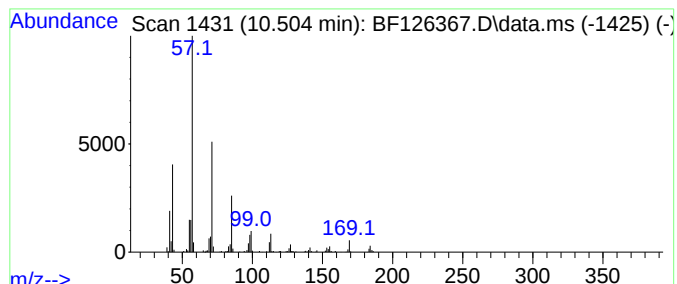
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Methyl-4-(methoxycarbonyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	9.33 ng	346186	Acenaphthene-d10	9.845

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	91
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tridecane	184	C13H28	000629-50-5	80
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
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Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PSC124042

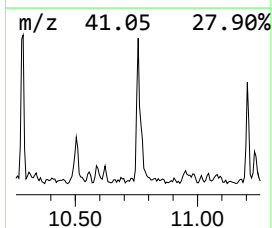
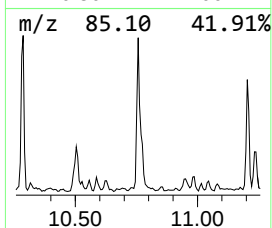
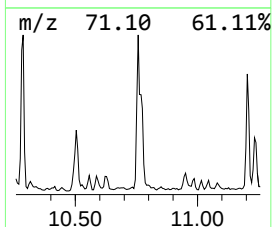
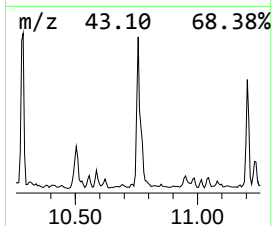
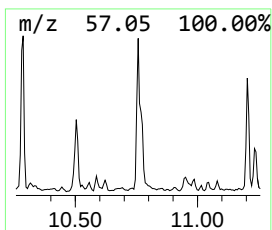
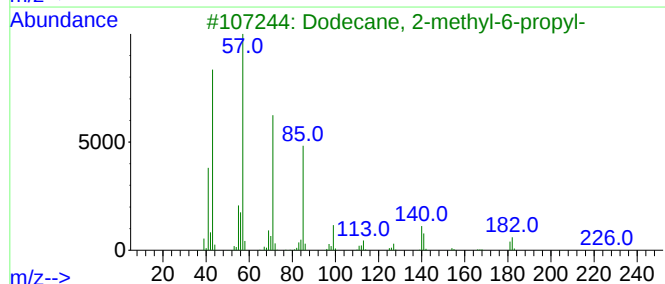
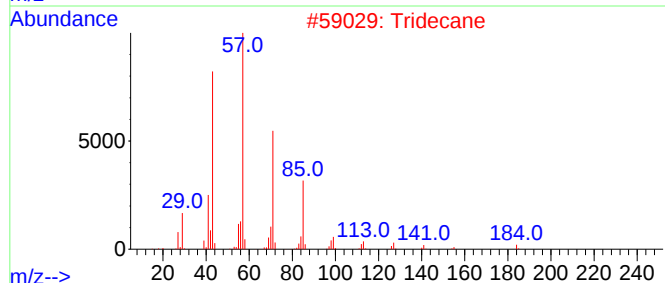
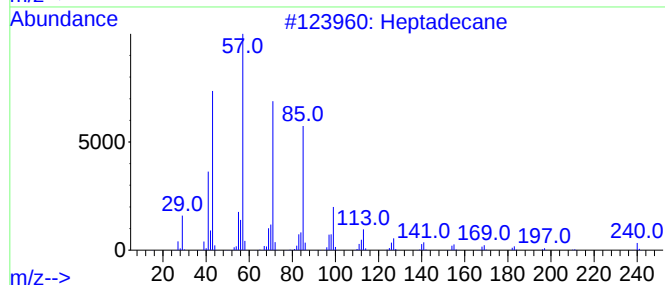
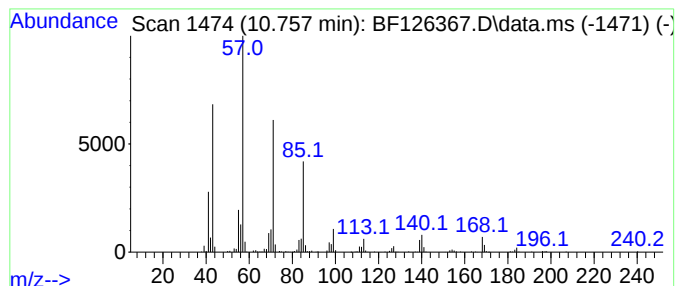
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	28.25 ng	803522	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Tridecane	184	C13H28	000629-50-5	92
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	80
5			Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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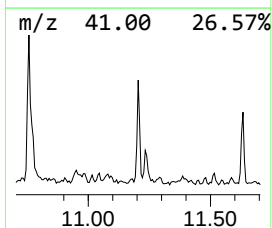
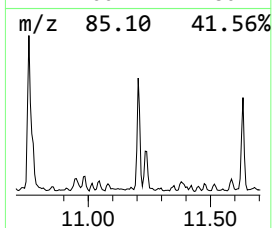
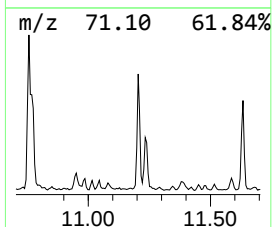
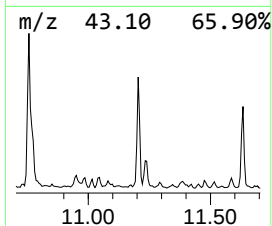
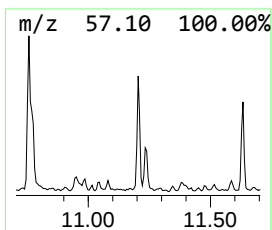
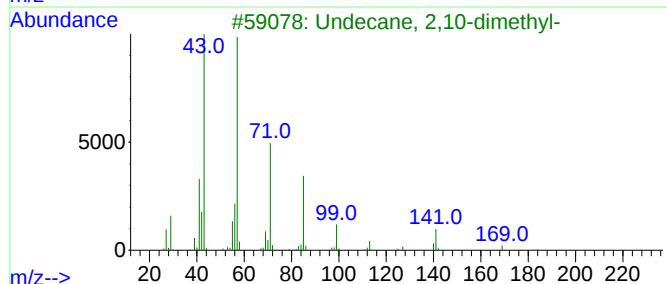
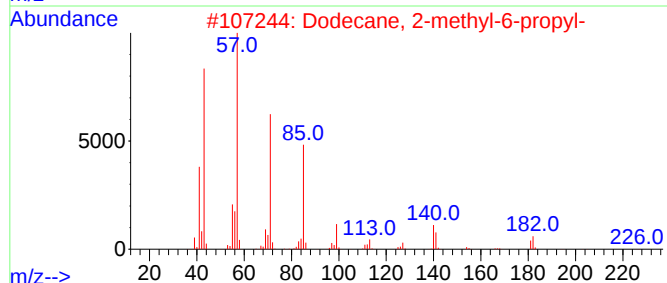
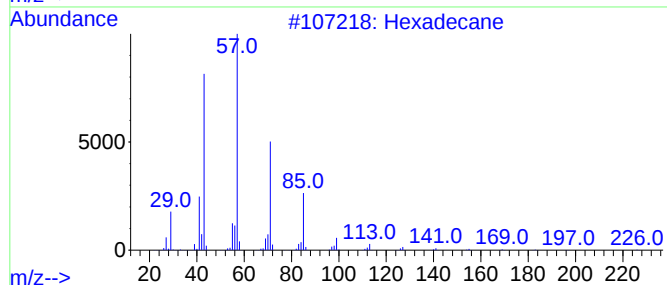
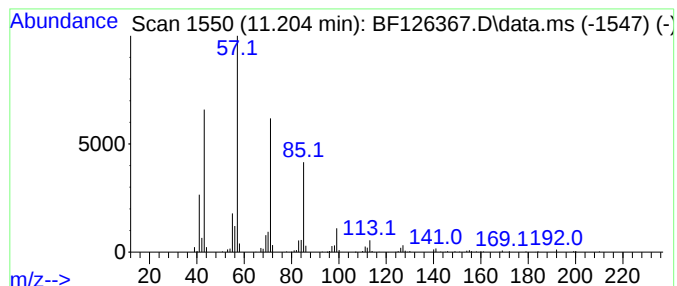
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2,10-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	14.41 ng	409693	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PSC124042

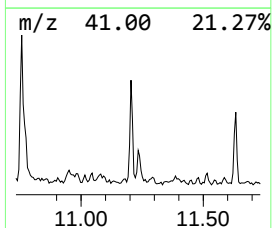
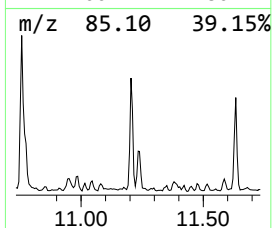
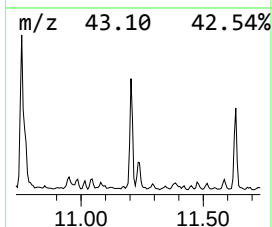
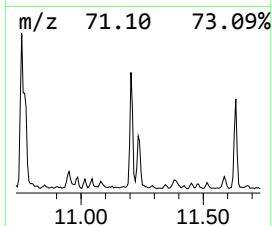
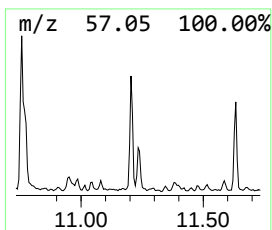
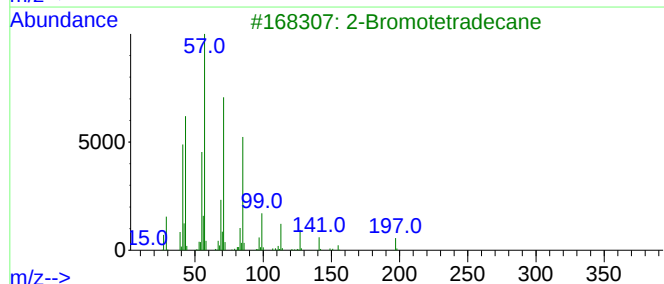
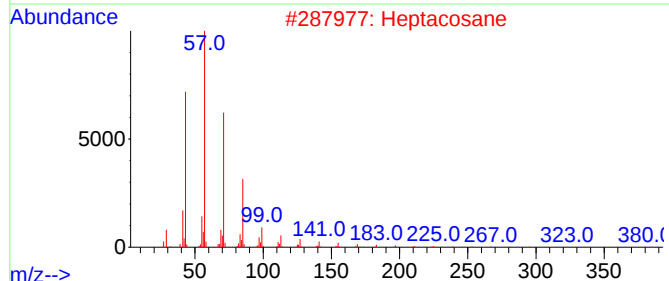
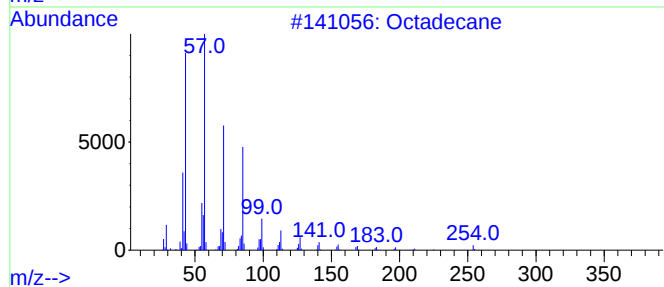
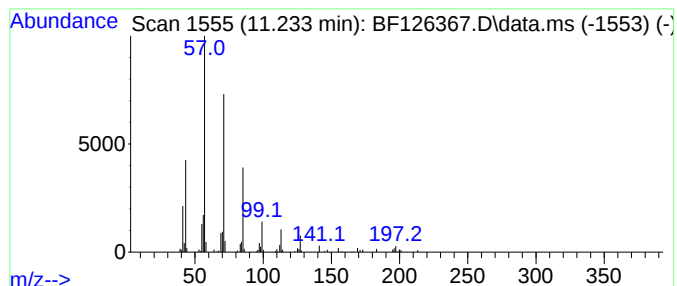
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	7.40 ng	210467	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	83
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	83
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
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Instrument :
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ClientSampleId :
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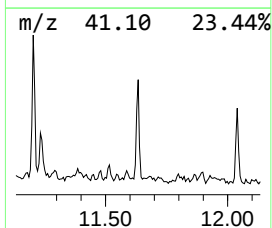
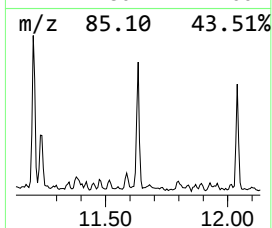
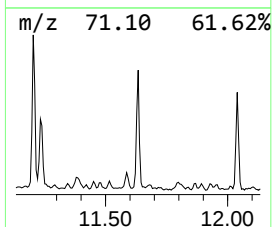
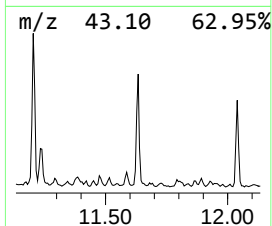
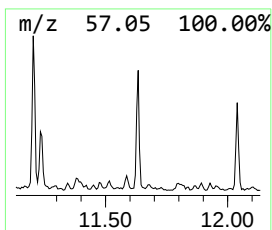
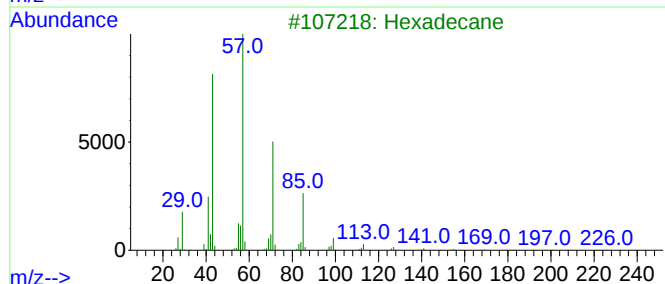
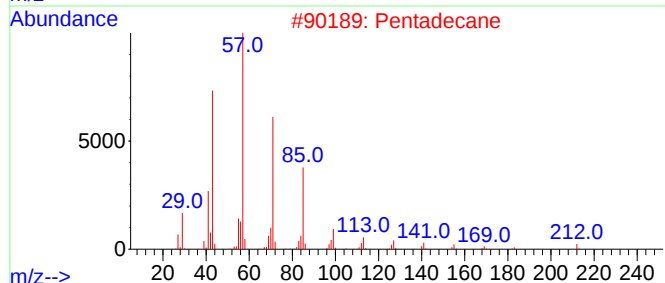
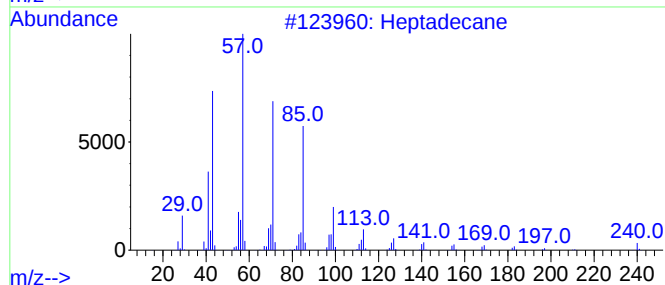
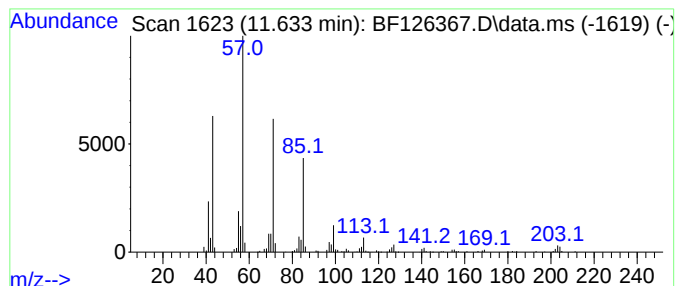
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	10.66 ng	303184	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Pentadecane	212	C15H32	000629-62-9	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
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Misc :
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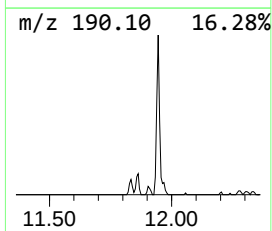
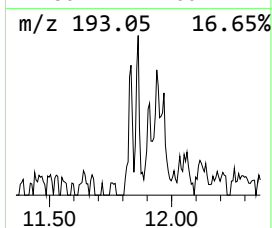
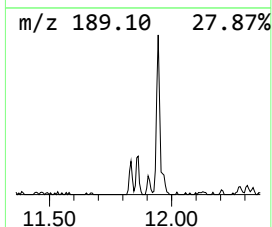
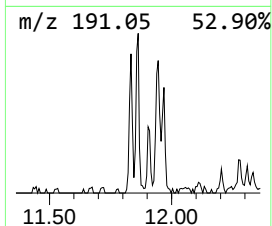
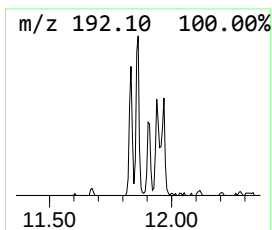
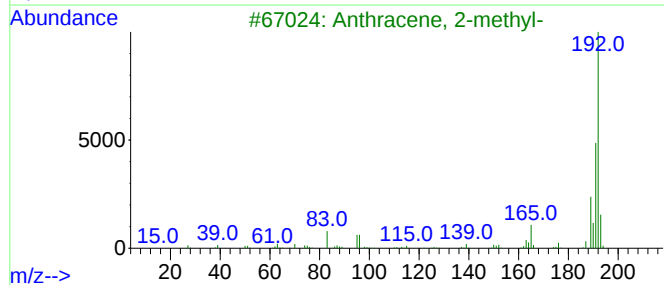
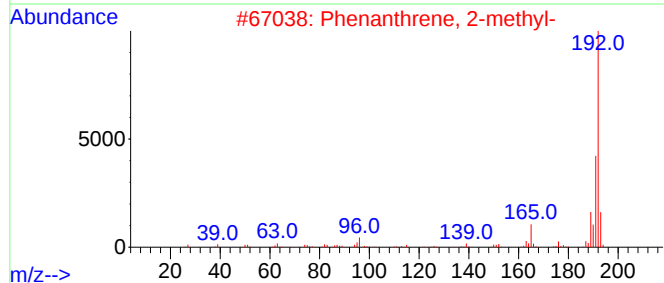
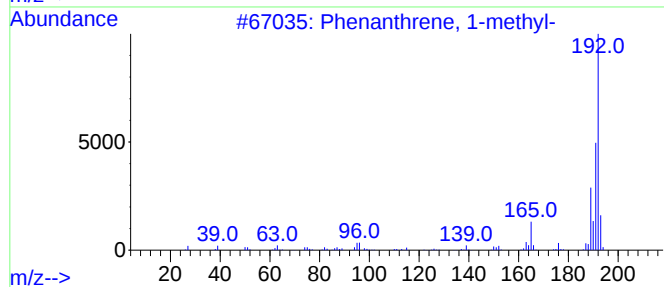
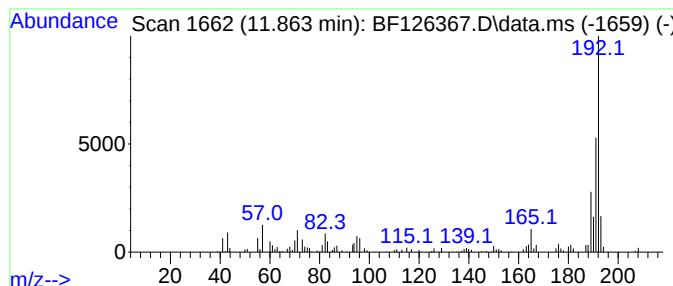
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.14 ng	89363	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124042

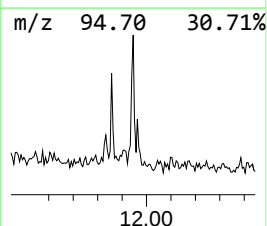
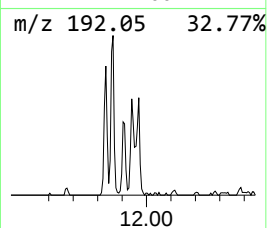
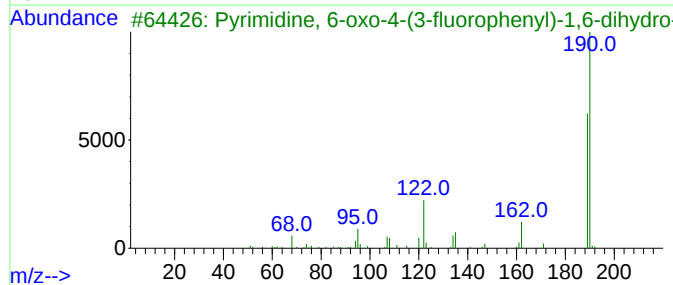
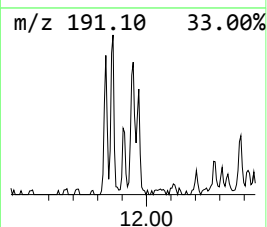
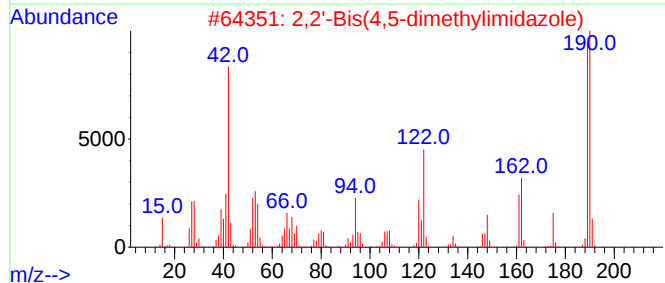
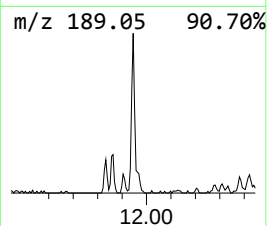
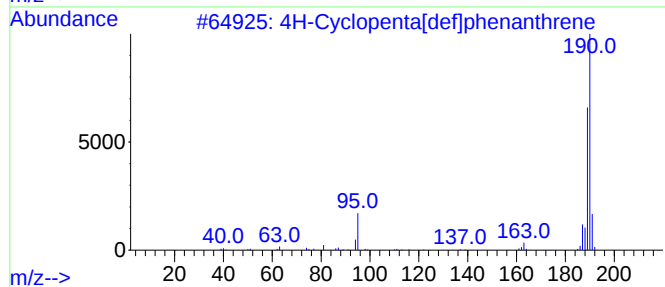
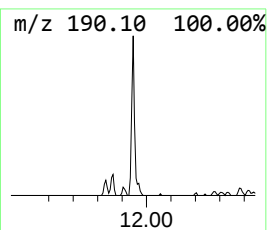
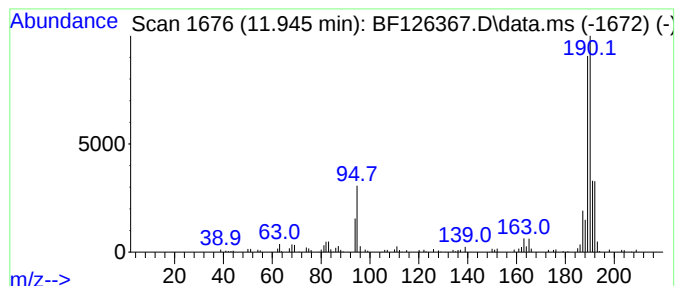
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.87 ng	138630	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3			Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	38
4			4-Oxo-2-(4-fluorophenyl)-3,4-dih...	190	C10H7FN2O	076128-79-5	35
5			Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
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Sample : M5230-01
Misc :
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ClientSampleId :
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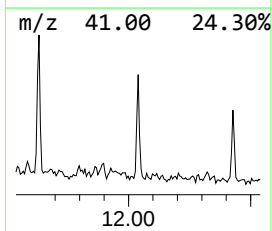
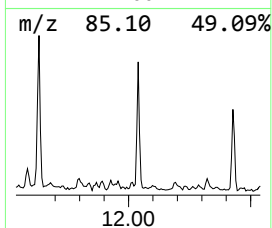
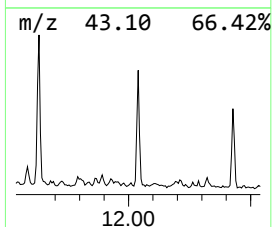
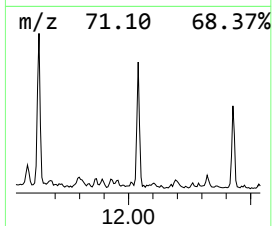
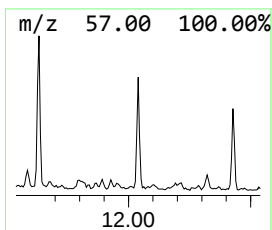
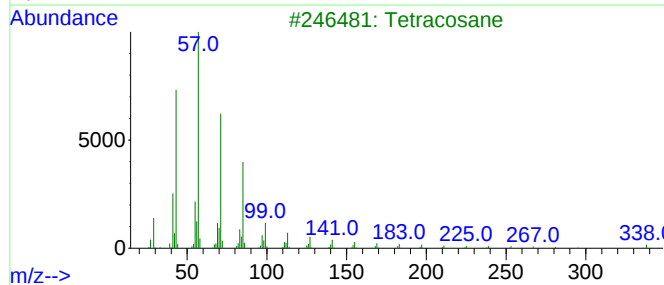
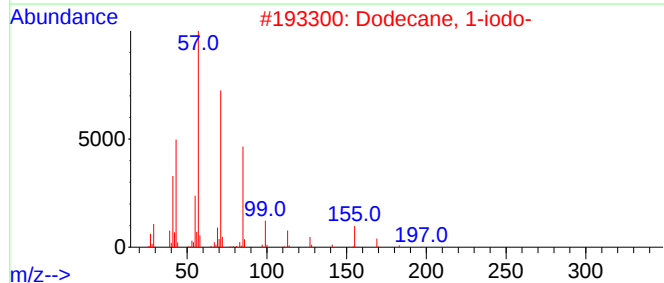
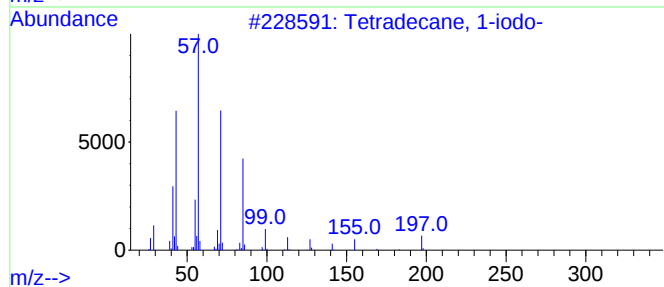
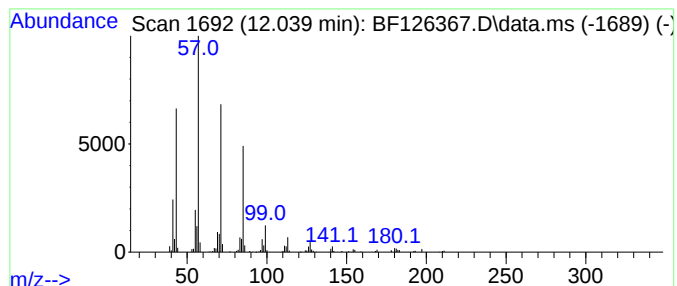
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	7.63 ng	217051	Phenanthrene-d10	11.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Tetracosane	338	C24H50	000646-31-1	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124042

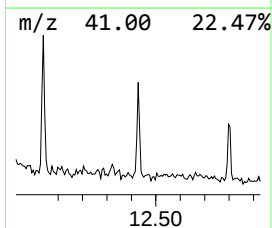
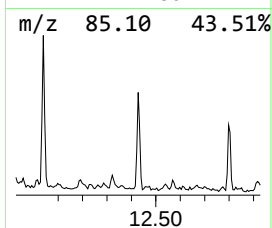
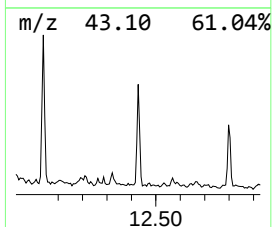
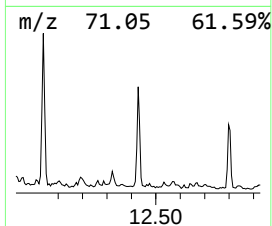
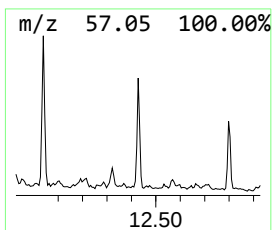
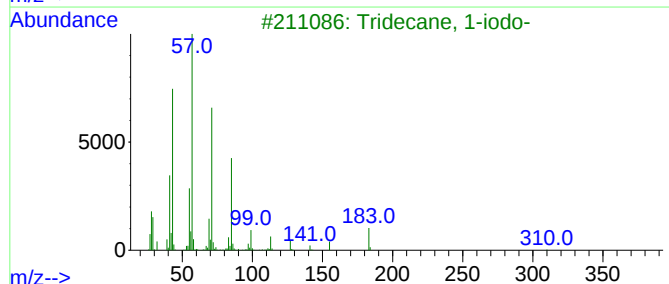
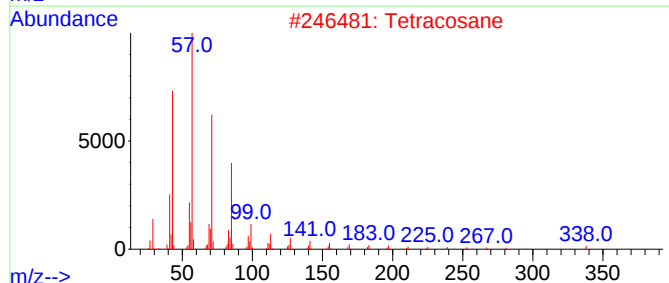
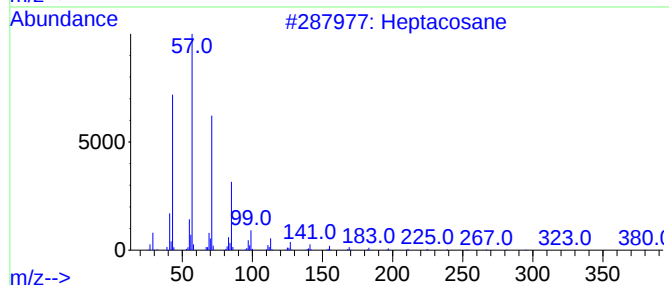
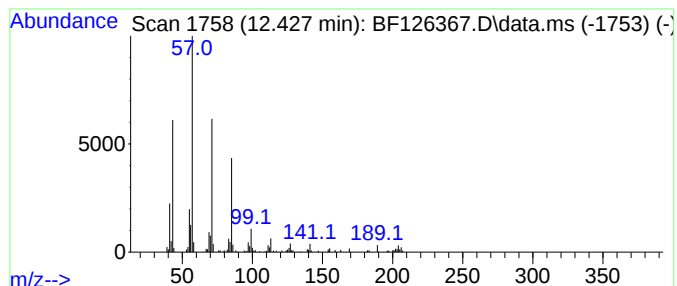
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	7.32 ng	208173	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124042

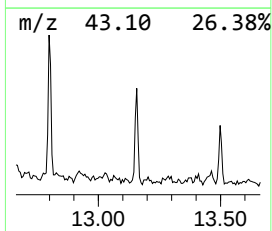
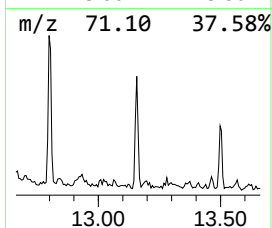
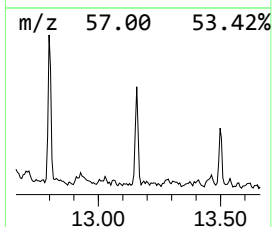
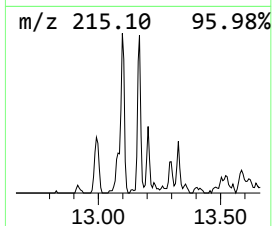
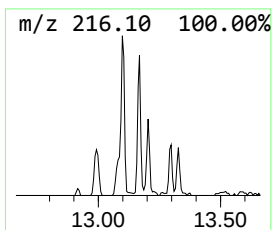
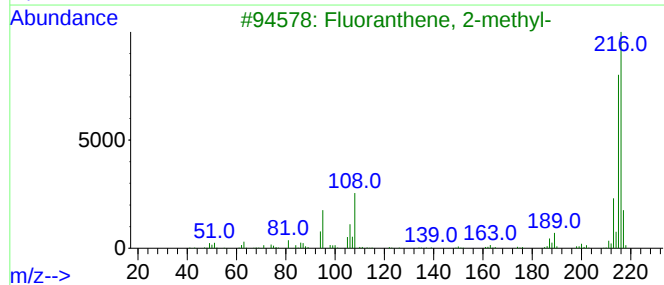
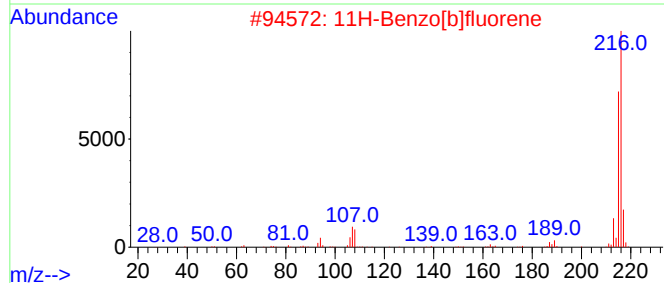
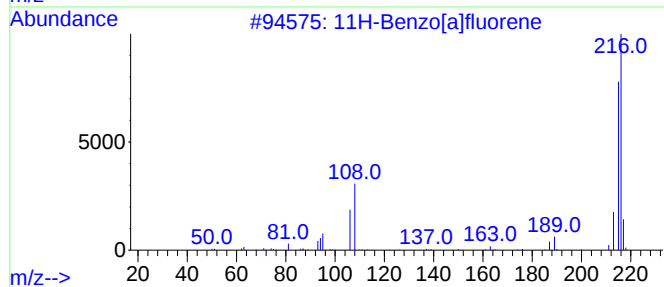
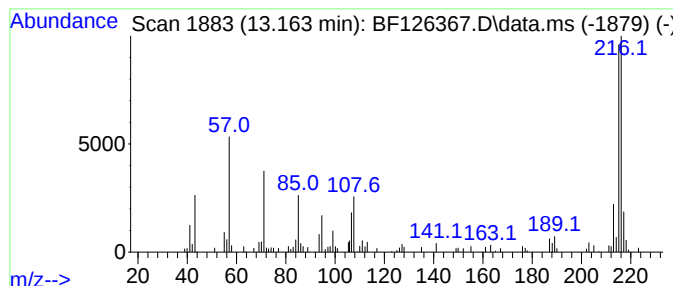
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	3.12 ng	142553	Chrysene-d12	13.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC124042

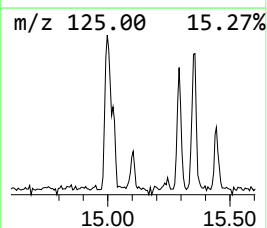
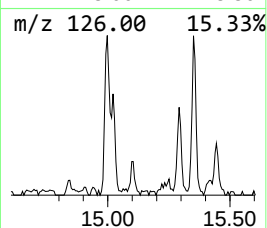
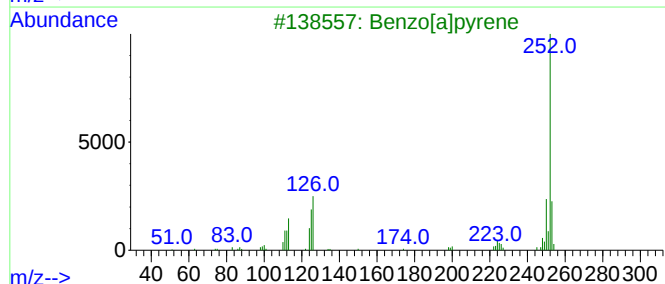
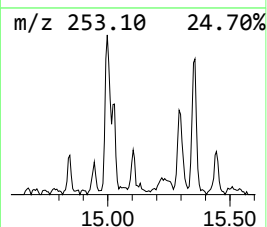
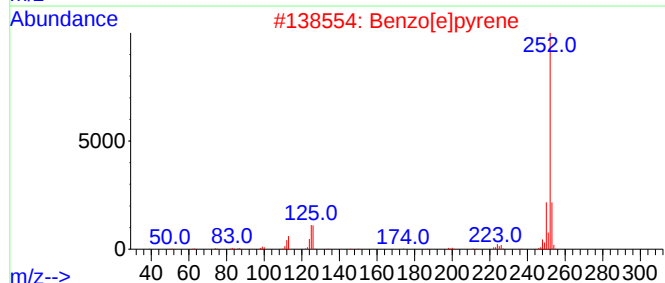
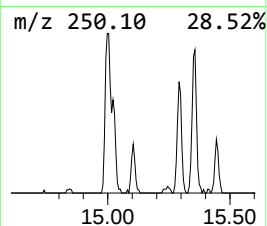
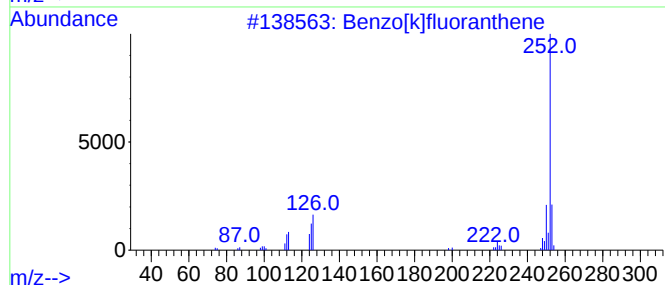
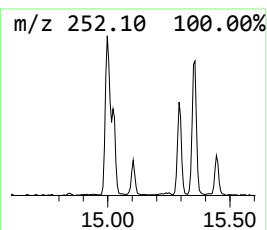
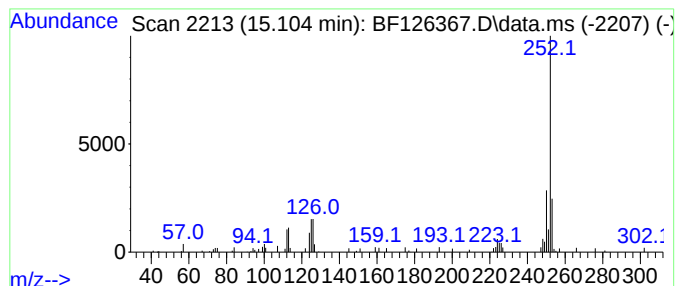
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	3.01 ng	102913	Perylene-d12	15.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2			Benzo[e]pyrene	252	C20H12	000192-97-2	91
3			Benzo[a]pyrene	252	C20H12	000050-32-8	91
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126367.D
Acq On : 27 Dec 2021 21:12
Operator : JU/CG
Sample : M5230-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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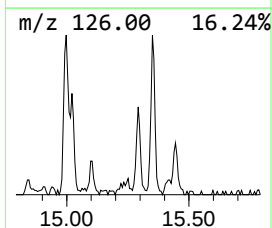
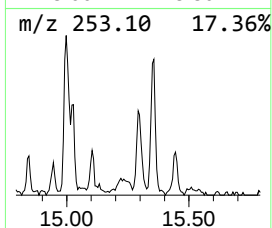
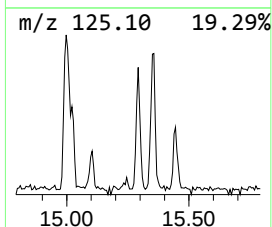
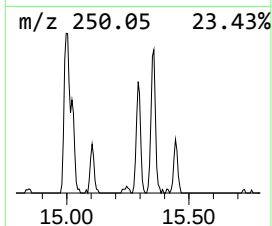
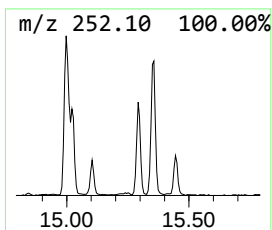
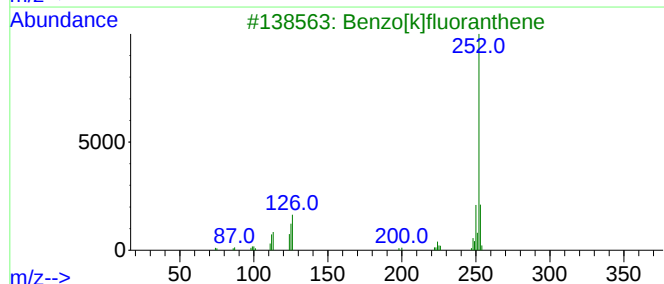
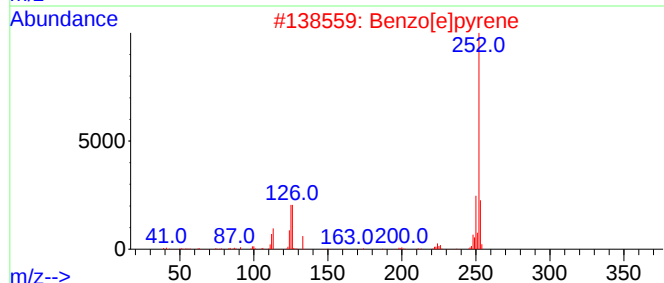
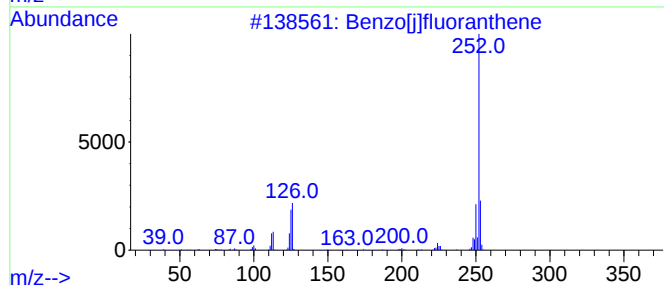
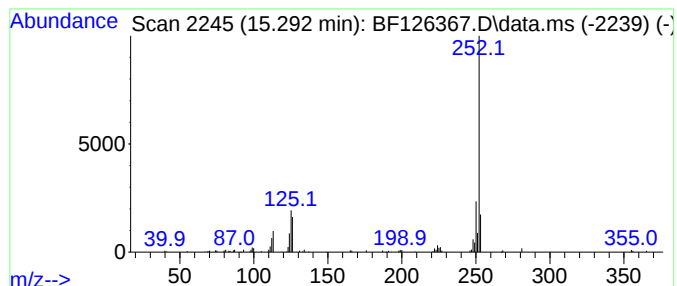
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	5.58 ng	190569	Perylene-d12	15.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126367.D
 Acq On : 27 Dec 2021 21:12
 Operator : JU/CG
 Sample : M5230-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
Sulfurous acid,...	8.522	3.1	ng	162255	2	8.092	1043980	20.0
Hexadecane	8.692	8.9	ng	463976	2	8.092	1043980	20.0
Tetradecane	9.257	18.3	ng	678252	3	9.845	742297	20.0
Naphthalene, 1,...	9.504	4.9	ng	182125	3	9.845	742297	20.0
Tritetracontane	9.575	9.7	ng	361043	3	9.845	742297	20.0
Dodecane, 2-met...	9.786	16.8	ng	622341	3	9.845	742297	20.0
Heptacosane	10.104	5.3	ng	197440	3	9.845	742297	20.0
Tetradecane, 1-...	10.286	14.2	ng	526528	3	9.845	742297	20.0
3-Methyl-4-(met...	10.504	9.3	ng	346186	3	9.845	742297	20.0
Heptadecane	10.757	28.3	ng	803522	4	11.328	568768	20.0
Undecane, 2,10-...	11.204	14.4	ng	409693	4	11.328	568768	20.0
Octadecane	11.233	7.4	ng	210467	4	11.328	568768	20.0
Pentadecane	11.633	10.7	ng	303184	4	11.328	568768	20.0
Phenanthrene, 1...	11.863	3.1	ng	89363	4	11.328	568768	20.0
4H-Cyclopenta[d...	11.945	4.9	ng	138630	4	11.328	568768	20.0
Dodecane, 1-iodo-	12.039	7.6	ng	217051	4	11.328	568768	20.0
Tetracosane	12.427	7.3	ng	208173	4	11.328	568768	20.0
11H-Benzo[a]flu...	13.163	3.1	ng	142553	5	13.969	914127	20.0
Benzo[e]pyrene	15.104	3.0	ng	102913	6	15.416	682921	20.0
Benzo[j]fluoran...	15.292	5.6	ng	190569	6	15.416	682921	20.0