LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	8	14	19	rBV	1270523	1585331	19.26%	1.093%
2	5.504	576	581	584	rBV	3959017	3817793	46.39%	2.632%
3	6.510	746	752	755	rBV	3810333	3774904	45.87%	2.602%
4	6.886	812	816	819	rBV	1527856	1164083	14.14%	0.802%
5	7.445	901	911	914	rBV	2845208	2526646	30.70%	1.742%
6	7.945	993	996	1001	rBV	96330	97732	1.19%	0.067%
7	8.069	1014	1017	1021	rBV	214915	225937	2.75%	0.156%
8	8.169	1028	1034	1037	rBV	1958400	1664398	20.22%	1.147%
9	8.716	1122	1127	1131	rBV6	57875	92224	1.12%	0.064%
10	8.763	1131	1135	1138	rBV2	83675	128750	1.56%	0.089%
11	8.880	1153	1155	1159	rVB2	213751	195232	2.37%	0.135%
12	8.986	1169	1173	1176	rBV2	68569	107874	1.31%	0.074%
13	9.245	1212	1217	1220	rBV	5413942	4815374	58.51%	3.319%
14	9.322	1227	1230	1233	rBV	242968	248225	3.02%	0.171%
15	9.357	1233	1236	1240	rVV	178377	172723	2.10%	0.119%
16	9.563	1267	1271	1272	rBV3	194836	216881	2.64%	0.149%
17	9.580	1272	1274	1276	rVB	182454	137893	1.68%	0.095%
18	9.604	1276	1278	1281	rVB4	109547	93566	1.14%	0.064%
19	9.645	1281	1285	1288	rBV3	278898	501807	6.10%	0.346%
20	9.704	1292	1295	1297	rVB	568884	439322	5.34%	0.303%
21	9.739	1298	1301	1304	rVB4	150883	146185	1.78%	0.101%
22	9.804	1307	1312	1314	rBV	576694	713009	8.66%	0.491%
23	9.839	1315	1318	1319	rBV	226706	164095	1.99%	0.113%
24	9.922	1325	1332	1335	rBV	2498688	2697089	32.77%	1.859%
25	9.951	1335	1337	1340	rVB2	532556	453733	5.51%	0.313%
26	10.033	1347	1351	1354	rVB	1461787	1268745	15.42%	0.875%
27	10.086	1357	1360	1363	rBV	409774	518872	6.30%	0.358%
28	10.139	1363	1369	1373	rBV2	1263230	1784215	21.68%	1.230%
29	10.180	1373	1376	1379	rBV3	376585	445630	5.41%	0.307%
30	10.210	1379	1381	1384	rVB	223754	195047	2.37%	0.134%
31	10.239	1384	1386	1389	rBV2	372847	437468	5.32%	0.302%
32	10.298	1393	1396	1399	rBV3	293914	368498	4.48%	0.254%
33	10.333	1399	1402	1404	rBV3	725648	723208	8.79%	0.498%
34	10.357	1404	1406	1409	rVB	373620	262941	3.19%	0.181%
35	10.392	1409	1412	1414	rBV	661398	722342	8.78%	0.498%
36	10.580	1439	1444	1446	rBV	1666123	2341391	28.45%	1.614%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.633	1450	1453	1456	rVB2	559318	504622	6.13%	0.348%
38	10.663	1456	1458	1461	rBV3	514876	637238	7.74%	0.439%
39	10.710	1462	1466	1469	rBV3	2279911	2559114	31.09%	1.764%
40	10.851	1485	1490	1494	rBV	3825991	5984257	72.71%	4.125%
41	10.986	1510	1513	1516	rBV	1018985	1063134	12.92%	0.733%
42	11.051	1519	1524	1526	rBV	2327450	3253796	39.54%	2.243%
43	11.327	1568	1571	1577	rVB	2551519	3197791	38.85%	2.204%
44	11.957	1675	1678	1681	rVB	2282800	2123074	25.80%	1.463%
45	12.457	1761	1763	1770	rVB	1387770	1569934	19.08%	1.082%
46	12.604	1786	1788	1794	rVB2	1051193	1057129	12.84%	0.729%
47	12.727	1805	1809	1812	rBV2	2610245	2809748	34.14%	1.937%
48	12.757	1812	1814	1822	rVB	3254871	3836626	46.62%	2.644%
49	12.998	1851	1855	1864	rVB	4046679	4220686	51.28%	2.909%
50	13.221	1891	1893	1897	rVB	922613	871508	10.59%	0.601%
51	13.357	1912	1916	1921	rVB	1411801	1405434	17.08%	0.969%
52	13.468	1930	1935	1937	rBV2	2171191	2291686	27.85%	1.580%
53	13.498	1937	1940	1946	rVB	4312871	4701114	57.12%	3.240%
54	13.545	1946	1948	1949	rBV	254617	155942	1.89%	0.107%
55	13.568	1949	1952	1954	rBV	1091169	999242	12.14%	0.689%
56	13.639	1961	1964	1971	rVB	620348	658363	8.00%	0.454%
57	13.798	1989	1991	1996	rVB2	235211	247111	3.00%	0.170%
58	13.892	2004	2007	2010	rBV	1806335	1630836	19.82%	1.124%
59	13.915	2010	2011	2018	rVB2	378539	307603	3.74%	0.212%
60	14.021	2026	2029	2030	rBV	384537	320732	3.90%	0.221%
61	14.045	2030	2033	2040	rVB2	2662905	2761474	33.55%	1.903%
62	14.157	2048	2052	2053	rBV	2083389	1915713	23.28%	1.320%
63	14.174	2053	2055	2058	rVV	4693351	4932956	59.94%	3.400%
64	14.210	2058	2061	2065	rVV2	1847334	2115749	25.71%	1.458%
65	14.251	2065	2068	2070	rVV2	371546	460289	5.59%	0.317%
66	14.274	2070	2072	2074	rVV	482907	450528	5.47%	0.311%
67	14.310	2075	2078	2082	rVB	599317	618016	7.51%	0.426%
68	14.468	2103	2105	2109	rBV	197733	202207	2.46%	0.139%
69	14.515	2109	2113	2116	rVB	1632904	1550333	18.84%	1.069%
70	14.568	2119	2122	2124	rBV	340359	292095	3.55%	0.201%
71	14.674	2137	2140	2141	rBV	227361	239890	2.91%	0.165%
72	14.698	2141	2144	2146	rVV	1220725	1240004	15.07%	0.855%
73	14.827	2157	2166	2169	rBV2	5091028	8230083	100.00%	5.673%
74	14.851	2169	2170	2173	rVV2	1008786	604910	7.35%	0.417%
75	14.904	2176	2179	2185	rVV3	819396	1417577	17.22%	0.977%
76	14.962	2185	2189	2193	rVB	608879	764210	9.29%	0.527%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.168	2219	2224	2234	rVB	1307879	1750721	21.27%	1.207%
78	15.274	2238	2242	2245	rBV	264484	327753	3.98%	0.226%
79	15.427	2264	2268	2272	rBV	1002906	1293630	15.72%	0.892%
80	15.521	2279	2284	2287	rBV	1152568	1498618	18.21%	1.033%
81	15.592	2287	2296	2300	rVV2	3857500	8123541	98.71%	5.599%
82	15.627	2300	2302	2306	rVB	826148	897870	10.91%	0.619%
83	15.709	2311	2316	2321	rVV3	485748	1030322	12.52%	0.710%
84	15.768	2322	2326	2331	rVB	406220	683222	8.30%	0.471%
85	15.998	2360	2365	2371	rBV	462825	718697	8.73%	0.495%
86	16.180	2392	2396	2402	rBV	189074	316169	3.84%	0.218%
87	16.392	2426	2432	2437	rBV	659357	1215856	14.77%	0.838%
88	16.515	2446	2453	2457	rBV4	247133	614174	7.46%	0.423%
89	16.609	2461	2469	2475	rVV2	2782243	6483423	78.78%	4.469%
90	16.662	2475	2478	2485	rVB	521935	872595	10.60%	0.601%
91	16.774	2490	2497	2504	rVV2	381895	982899	11.94%	0.677%
92	16.856	2506	2511	2522	rVB2	303535	669675	8.14%	0.462%
93	17.433	2603	2609	2617	rBV3	121786	300652	3.65%	0.207%
94	17.627	2635	2642	2650	rBV8	201074	588895	7.16%	0.406%
95	17.721	2651	2658	2667	rVV	390646	966068	11.74%	0.666%
96	17.850	2674	2680	2688	rVB2	245384	612546	7.44%	0.422%
97	18.027	2699	2710	2718	rBV2	1682752	5082639	61.76%	3.503%
98	18.256	2742	2749	2757	rVB3	210898	598184	7.27%	0.412%

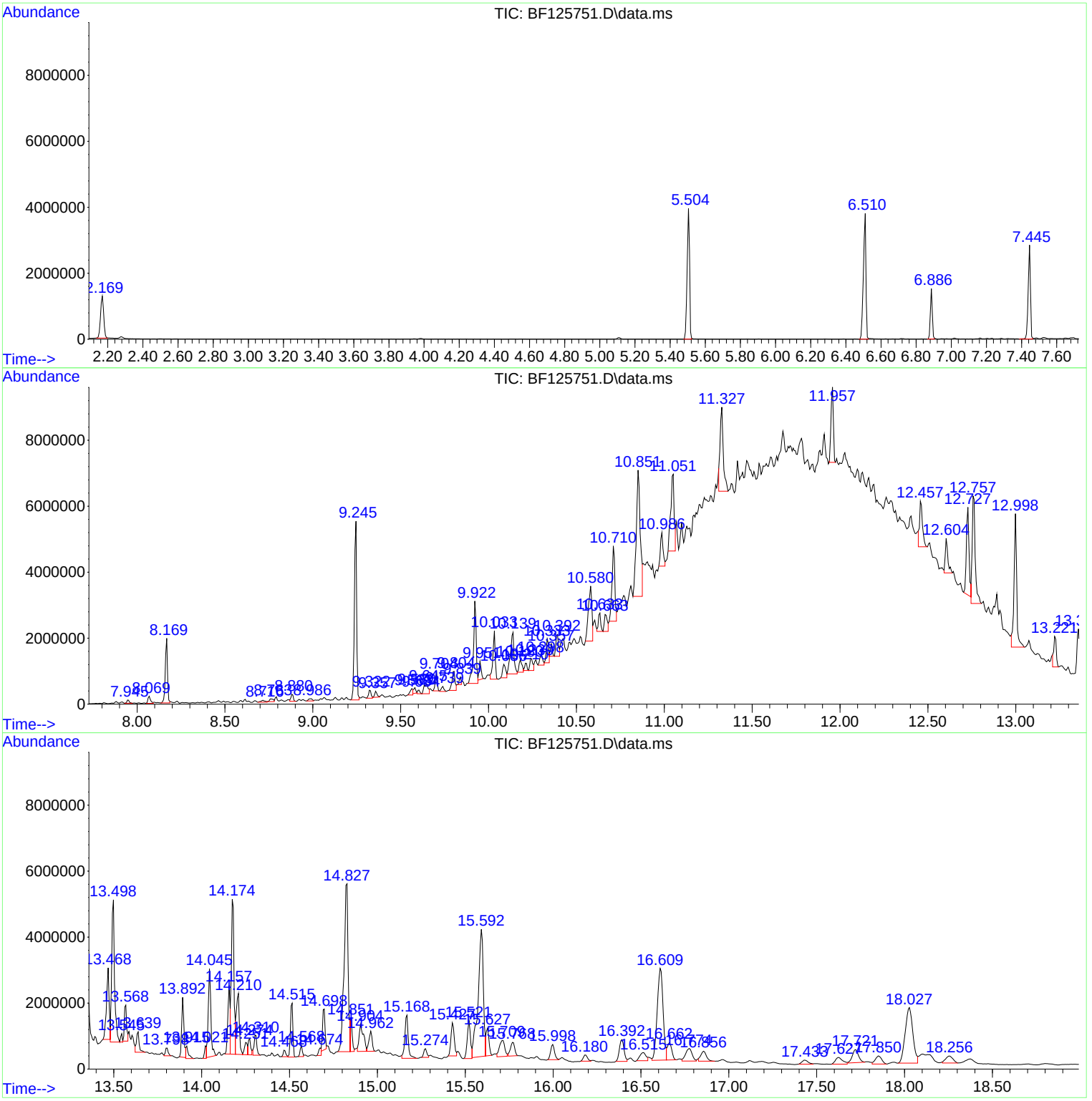
Sum of corrected areas: 145080066

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
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Sample : M3999-03
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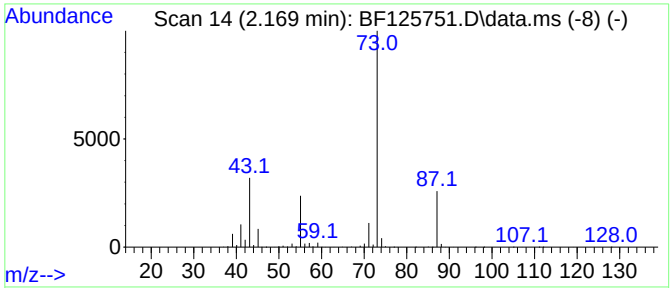
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

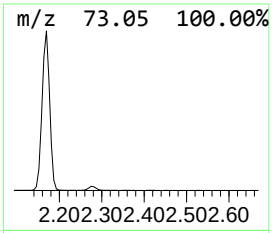
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

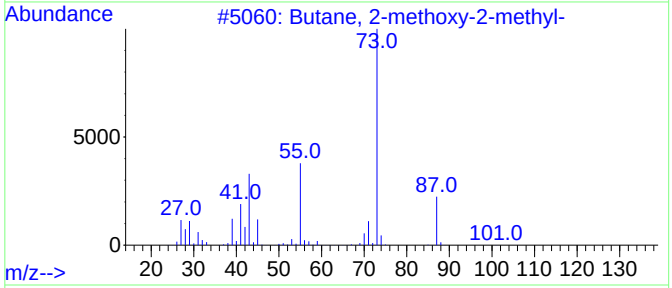
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

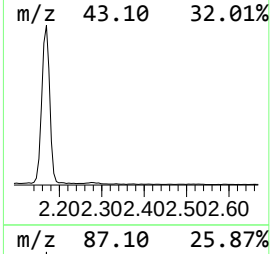
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	27.24 ng	1585330	1,4-Dichlorobenzene-d4	6.886

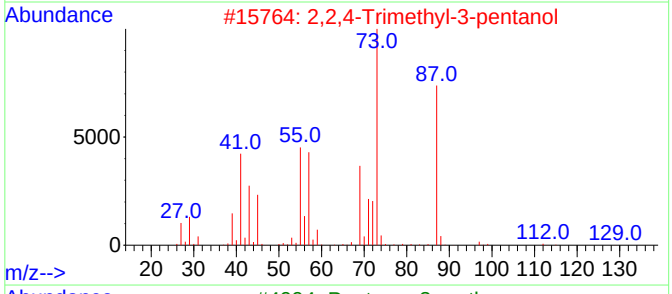
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

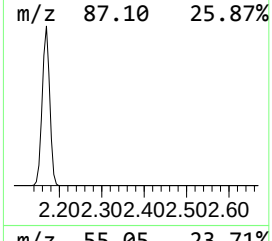


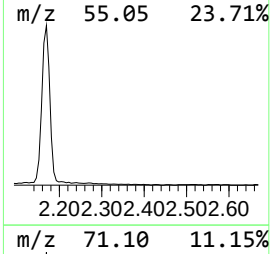


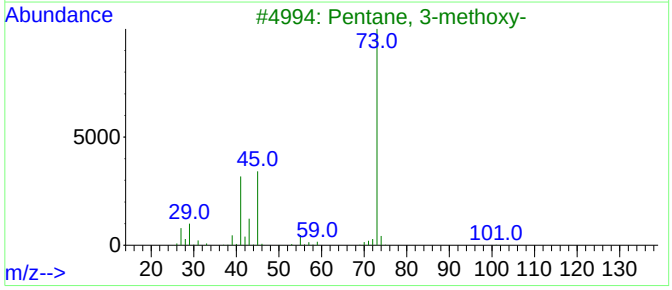


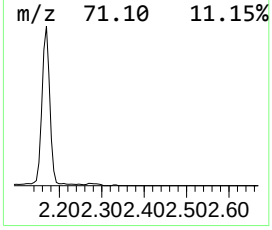












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
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Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

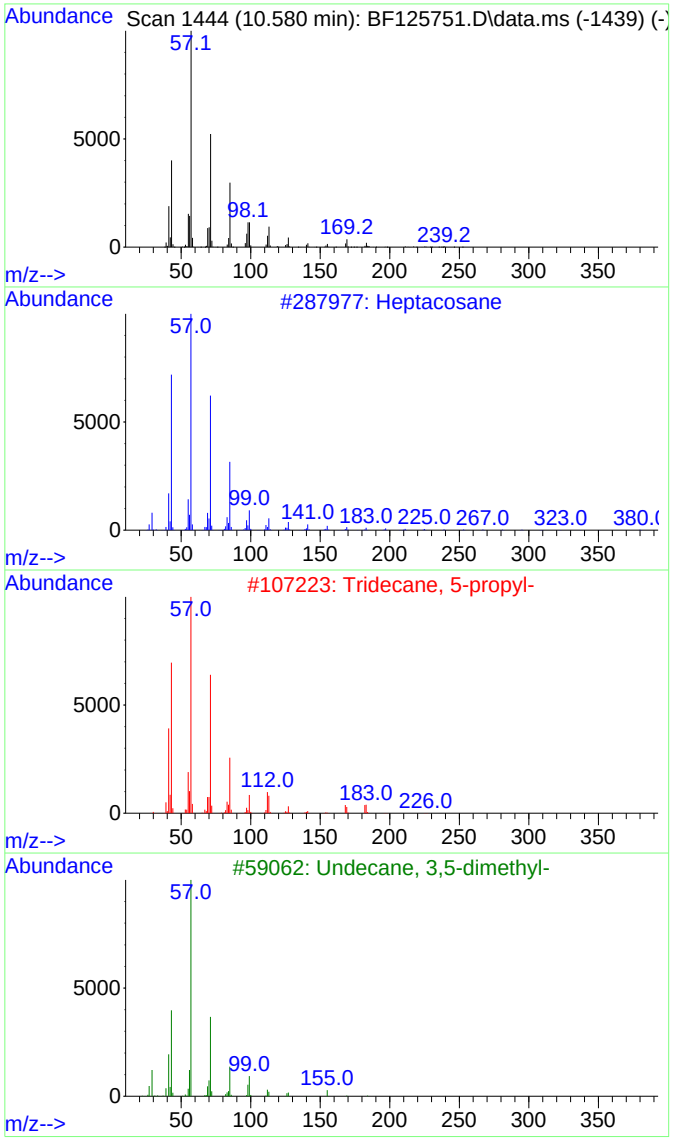
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

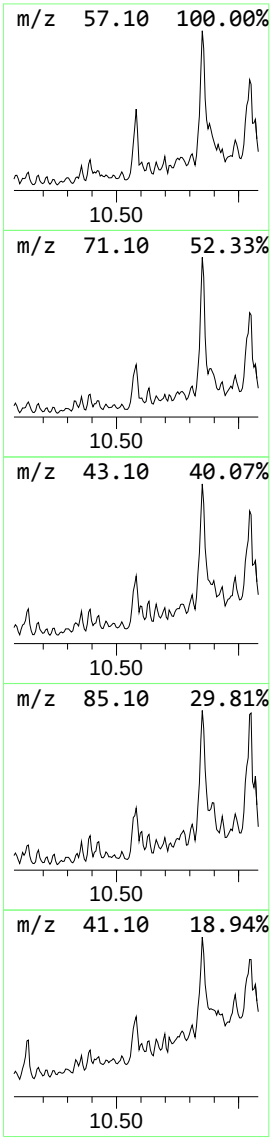
****

Peak Number 2 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	17.36 ng	2341390	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	76
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

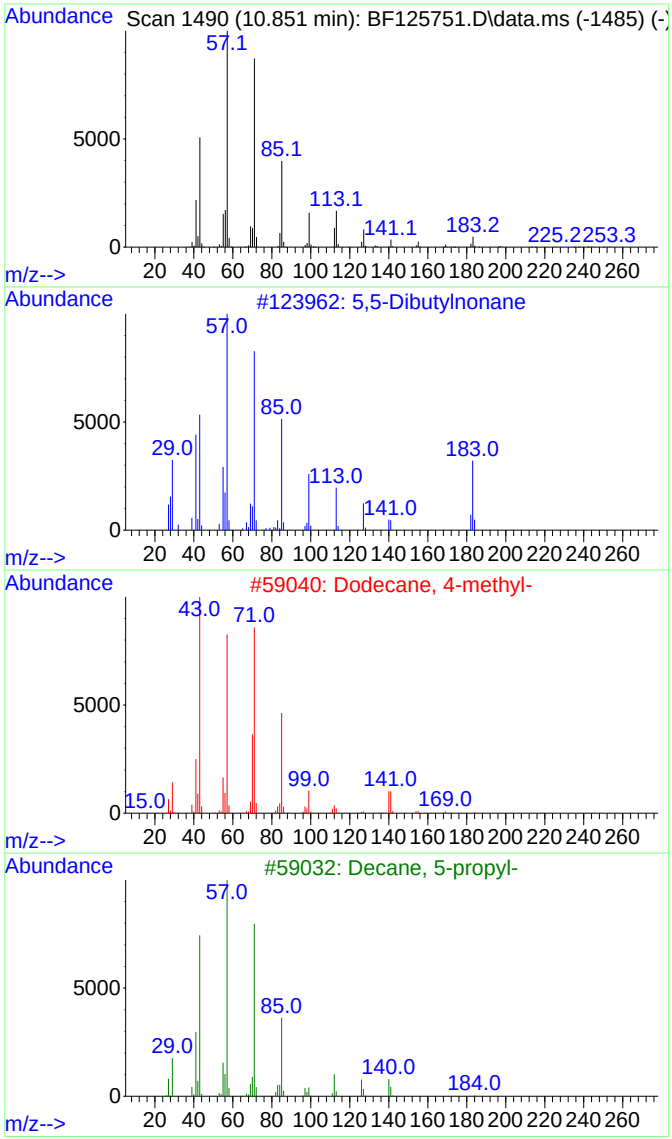
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

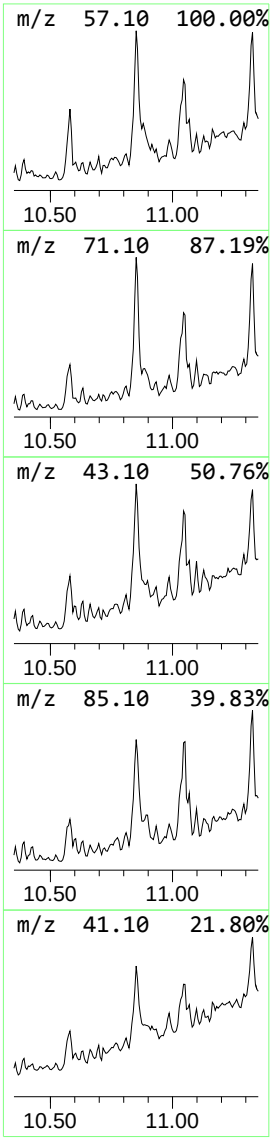
****

Peak Number 3 5,5-Dibutylnonane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	37.43 ng	5984260	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	90
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
3	Decane, 5-propyl-	184	C13H28	017312-62-8	80
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	78
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

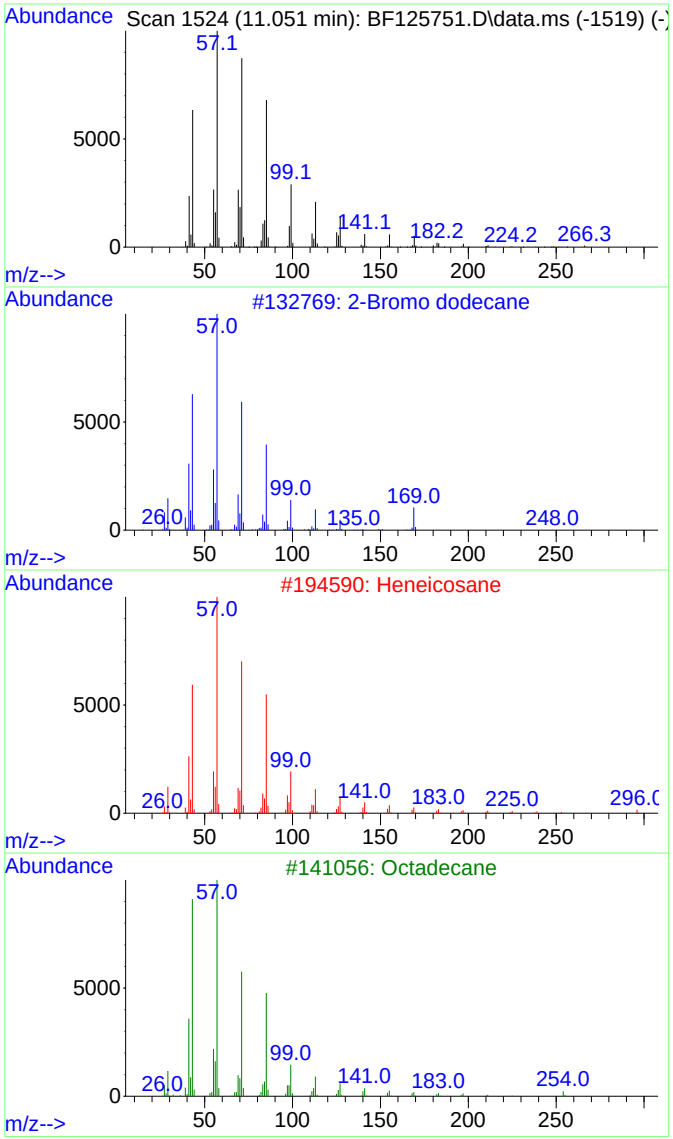
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

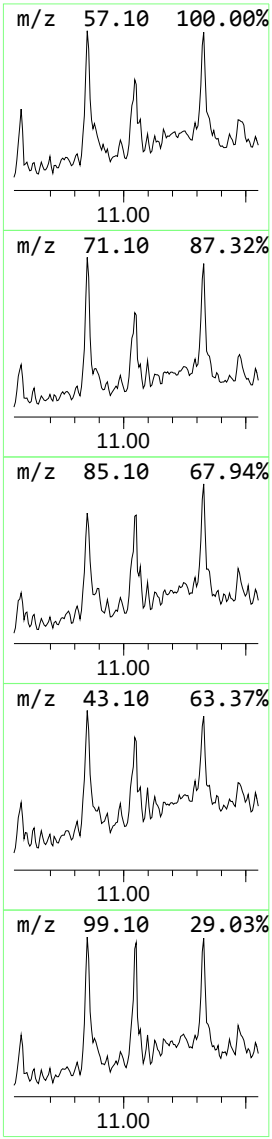
****

Peak Number 4 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	20.35 ng	3253800	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	Octadecane	254	C18H38	000593-45-3	83
4	Hexadecane	226	C16H34	000544-76-3	72
5	10-Methylnonadecane	282	C20H42	056862-62-5	72





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Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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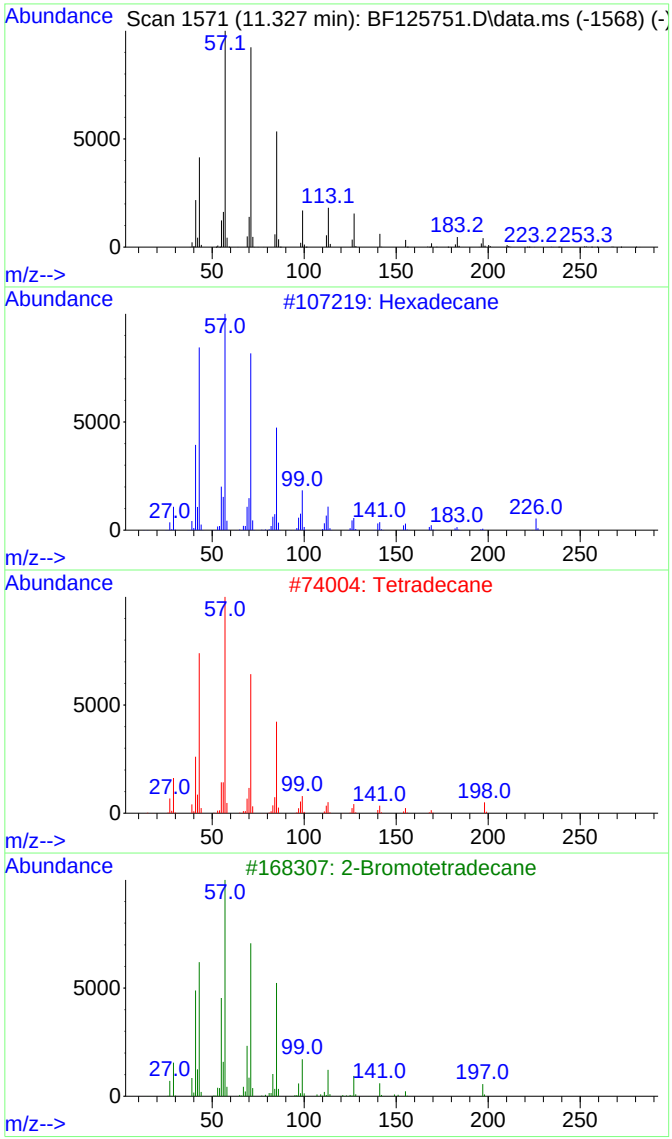
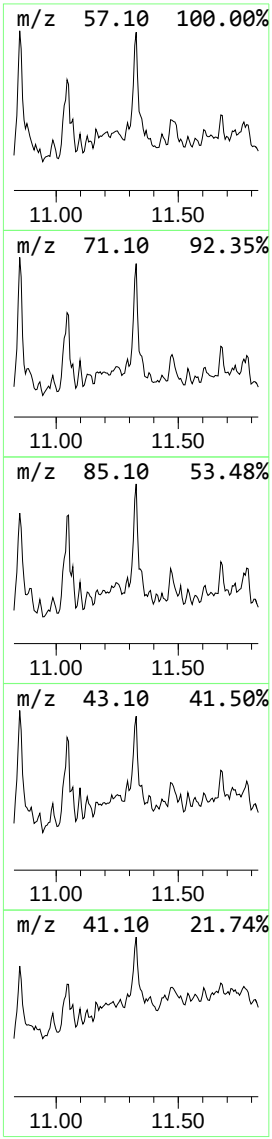
Peak Number 5 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.327	20.00 ng	3197790	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	78
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
5	Heptacosane	380	C27H56	000593-49-7	59





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Instrument : BNA_F
ClientSampleId : 219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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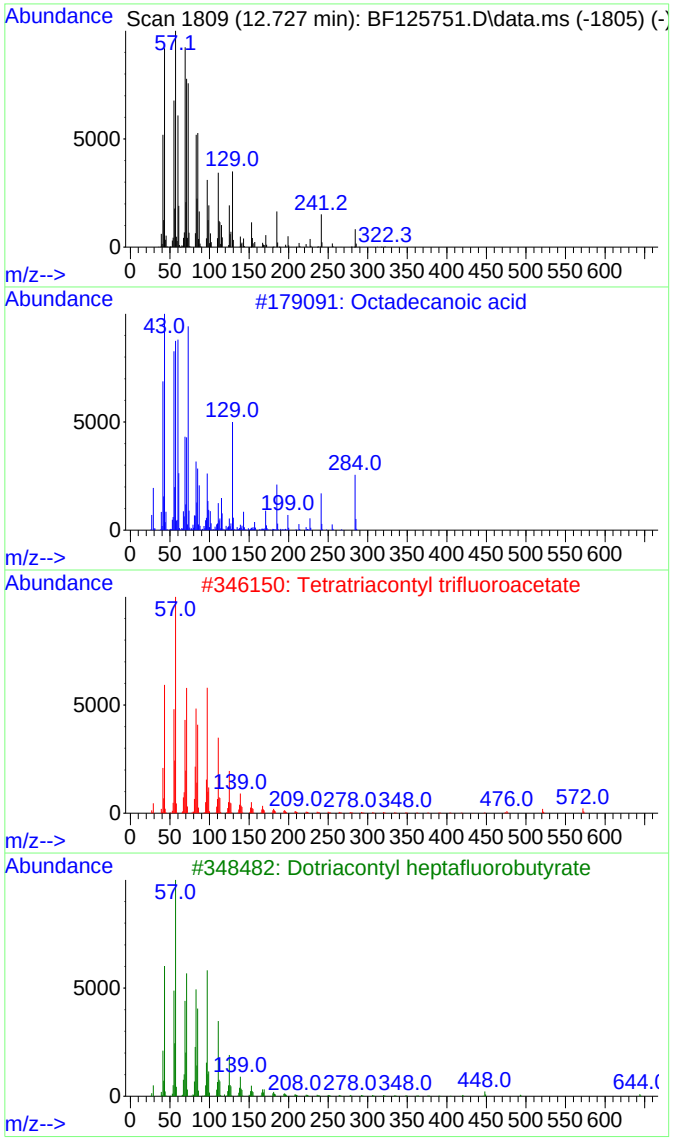
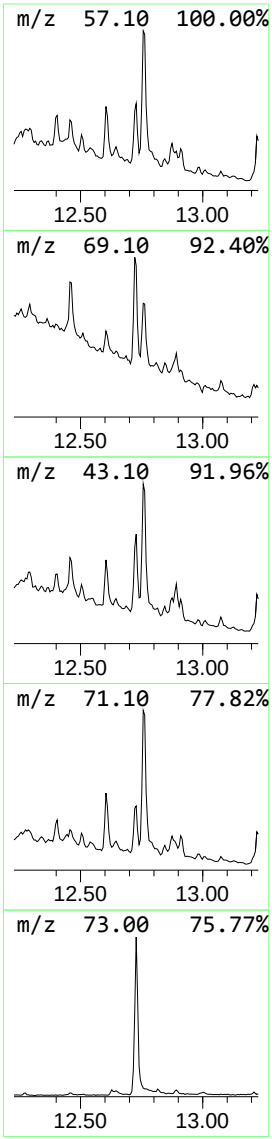
Peak Number 6 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	17.57 ng	2809750	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	70
2	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	43
3	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	43
4	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	43
5	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	43





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Instrument : BNA_F
ClientSampleId : 219

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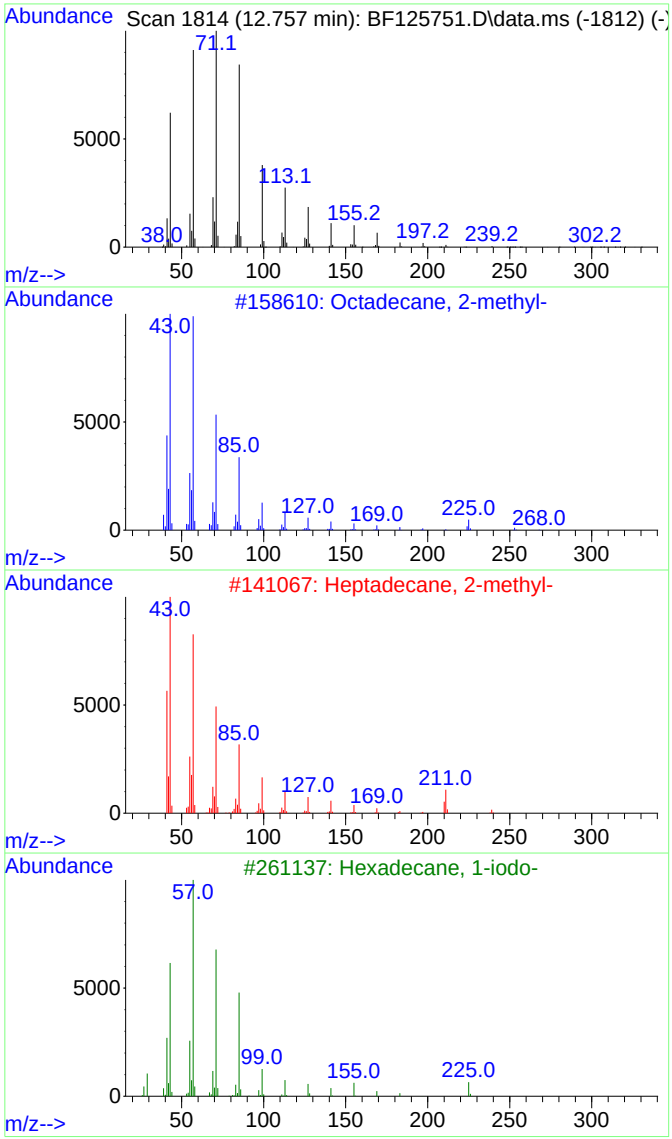
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

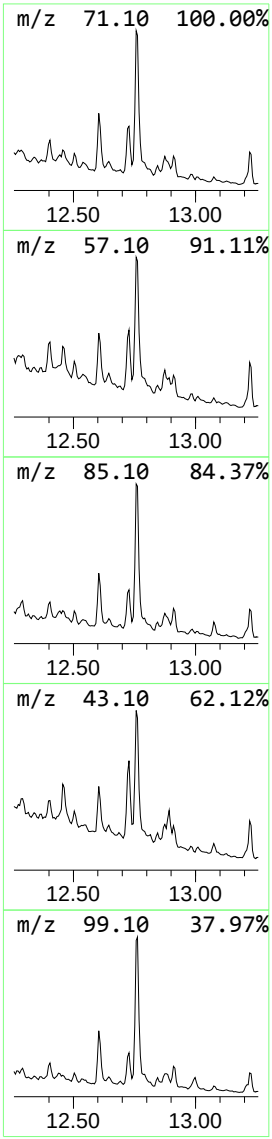
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Octadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	27.79 ng	3836630	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	78
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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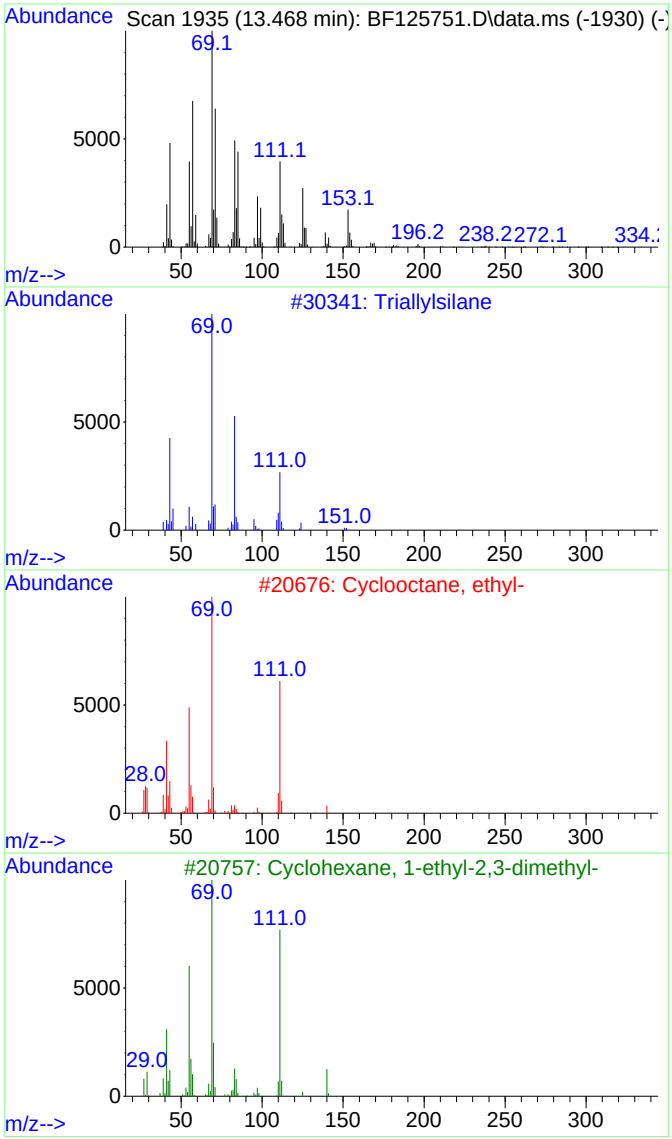
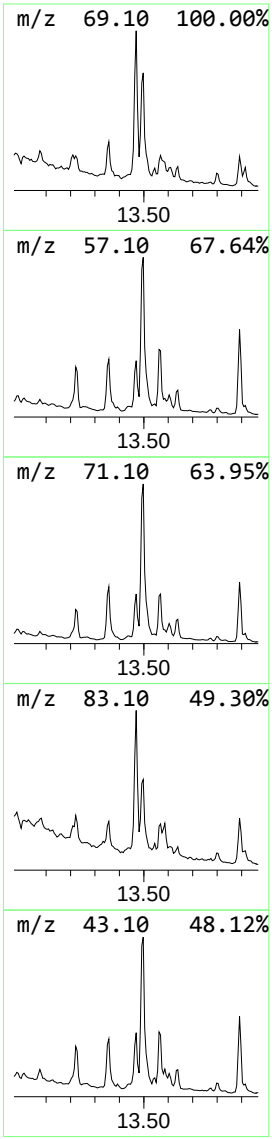
Peak Number 8 Triallylsilane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.468	16.60 ng	2291690	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triallylsilane	152	C9H16Si	001116-62-7	35
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	27
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	27
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	27
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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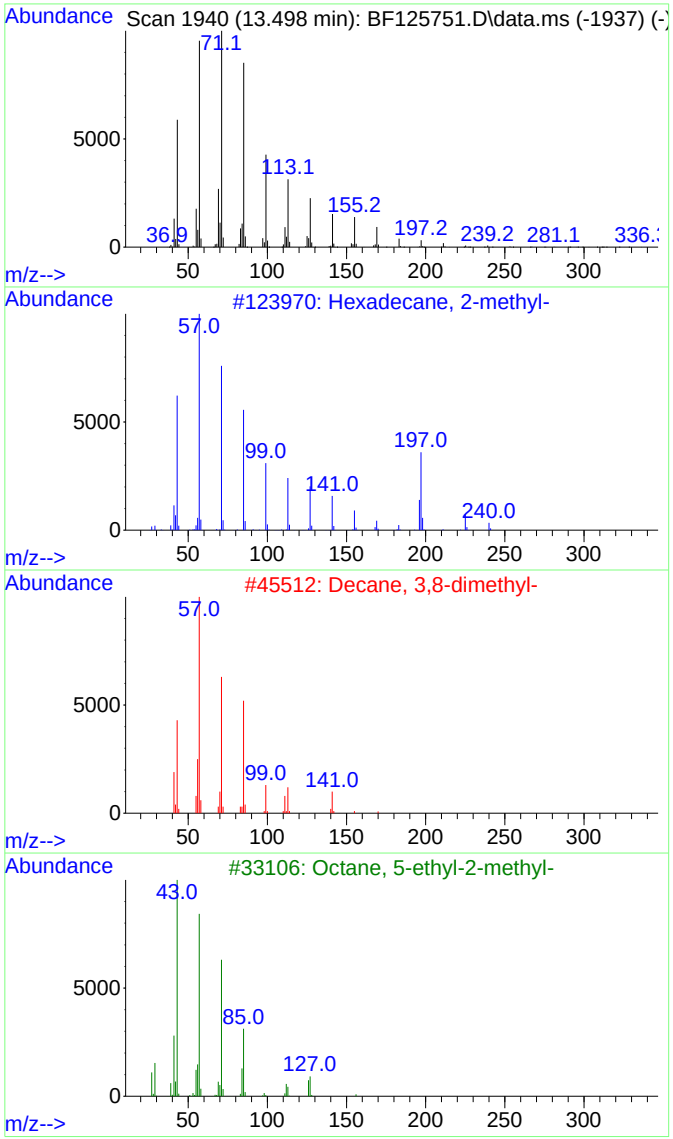
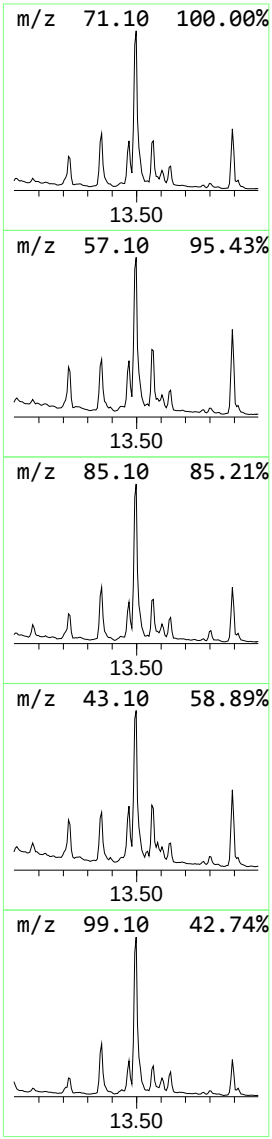
Peak Number 9 Hexadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.498	34.05 ng	4701110	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	50
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	46
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43





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

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

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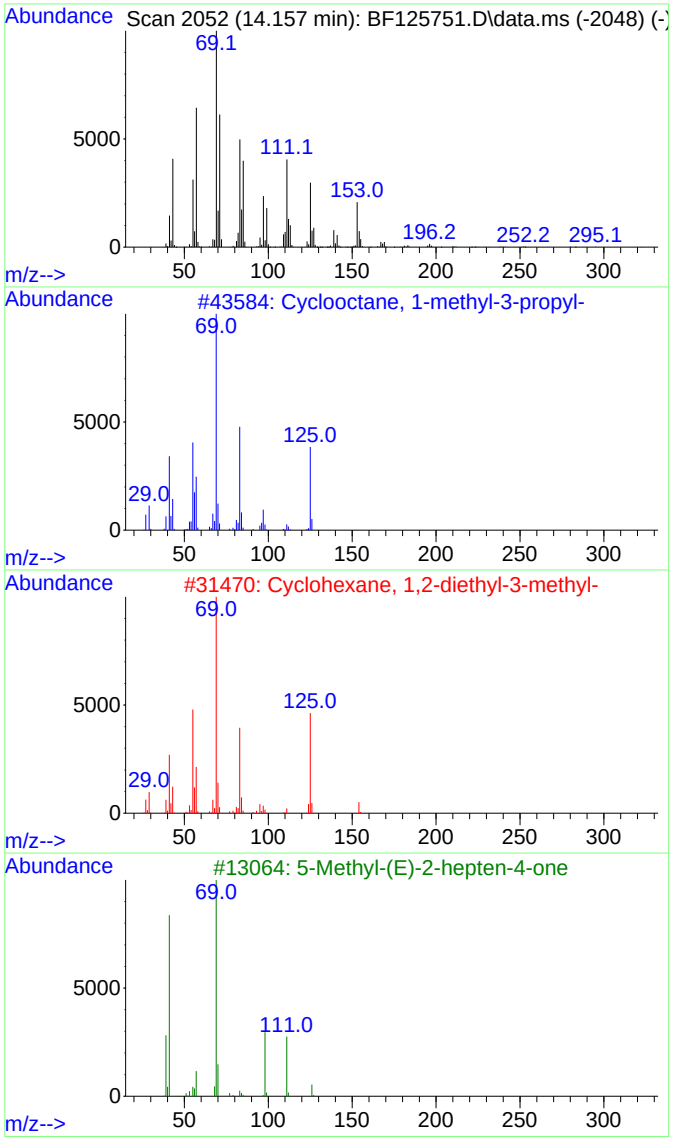
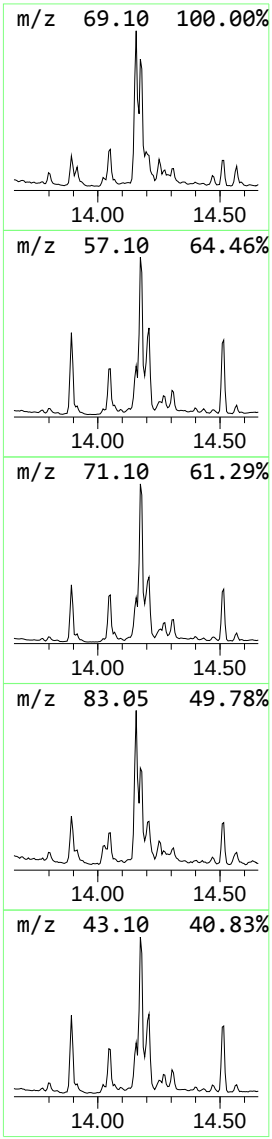
Peak Number 10 Cyclooctane, 1-methyl-3-pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.157	13.87 ng	1915710	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	35
3	5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	27
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	14
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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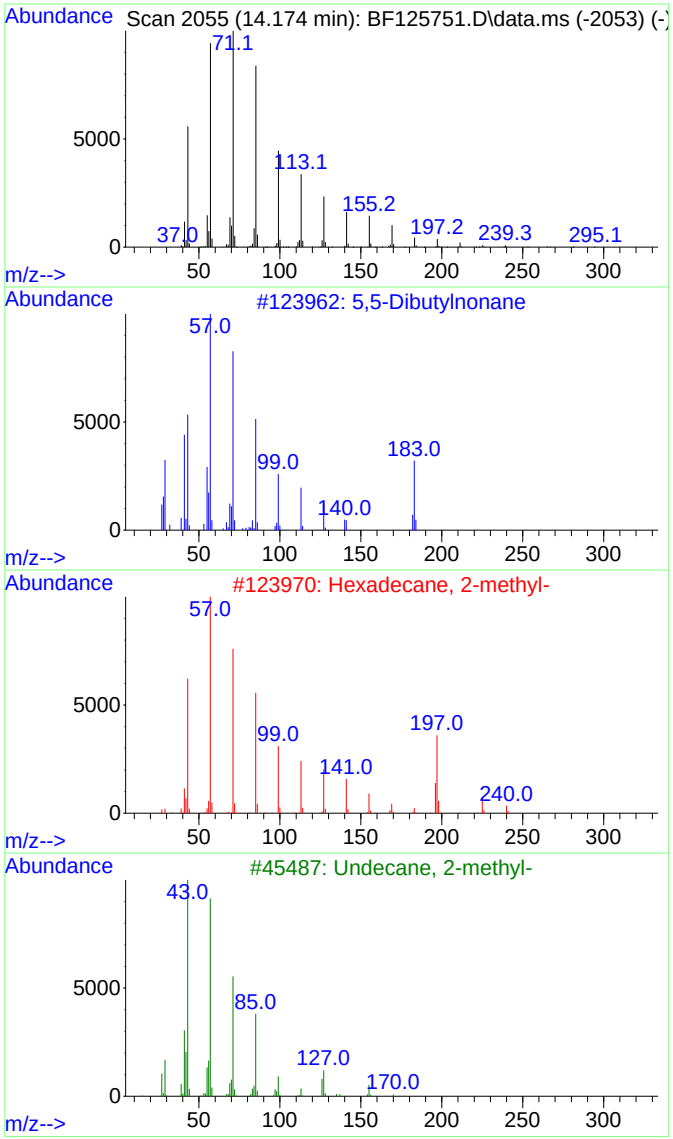
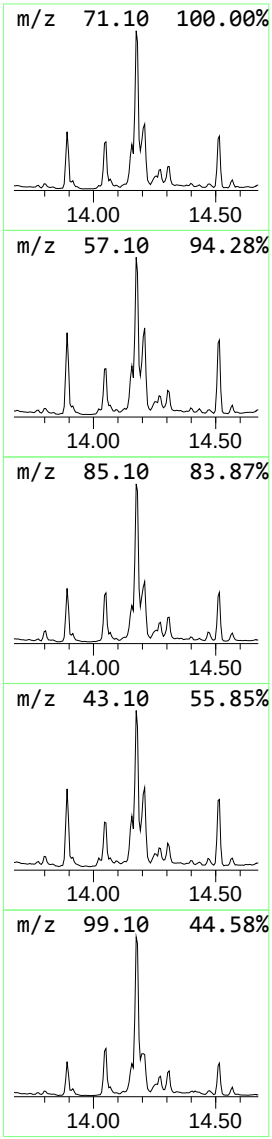
Peak Number 11 5,5-Dibutylnonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.174	35.73 ng	4932960	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	78
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	59
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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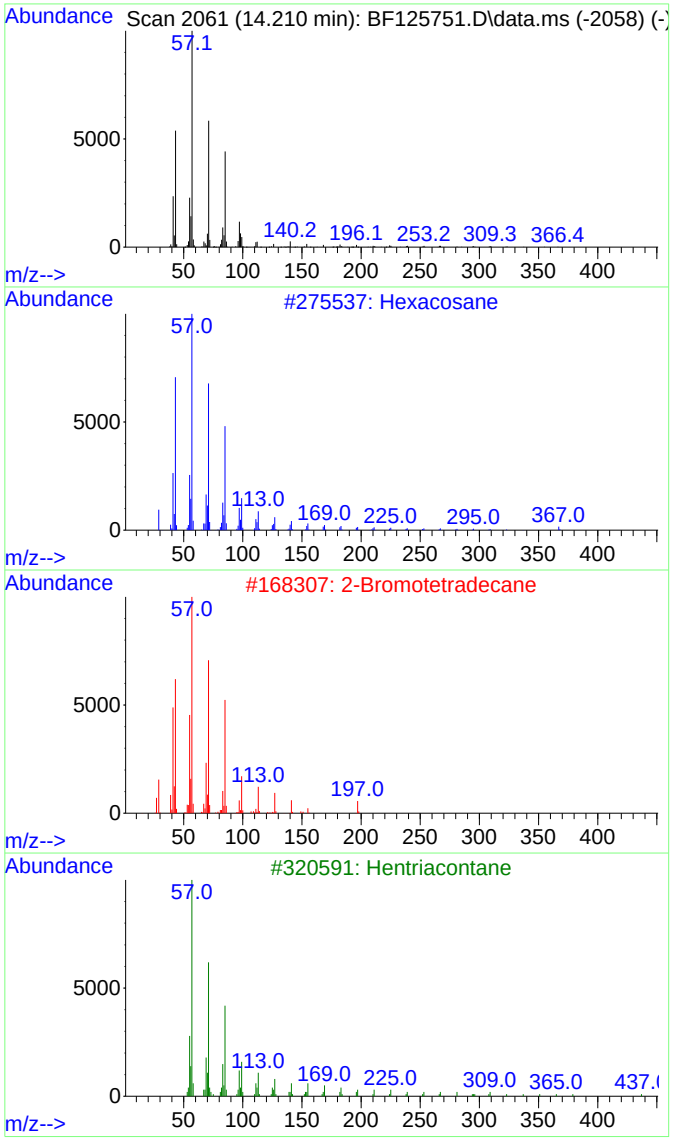
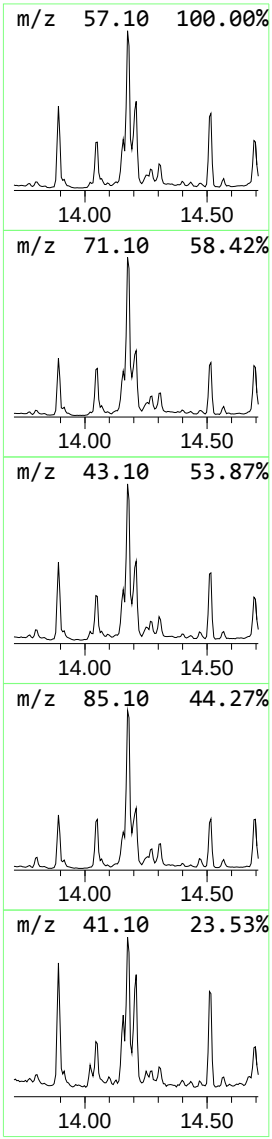
Peak Number 12 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	15.32 ng	2115750	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
3	Hentriacontane	437	C31H64	000630-04-6	72
4	Octadecane	254	C18H38	000593-45-3	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59





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

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

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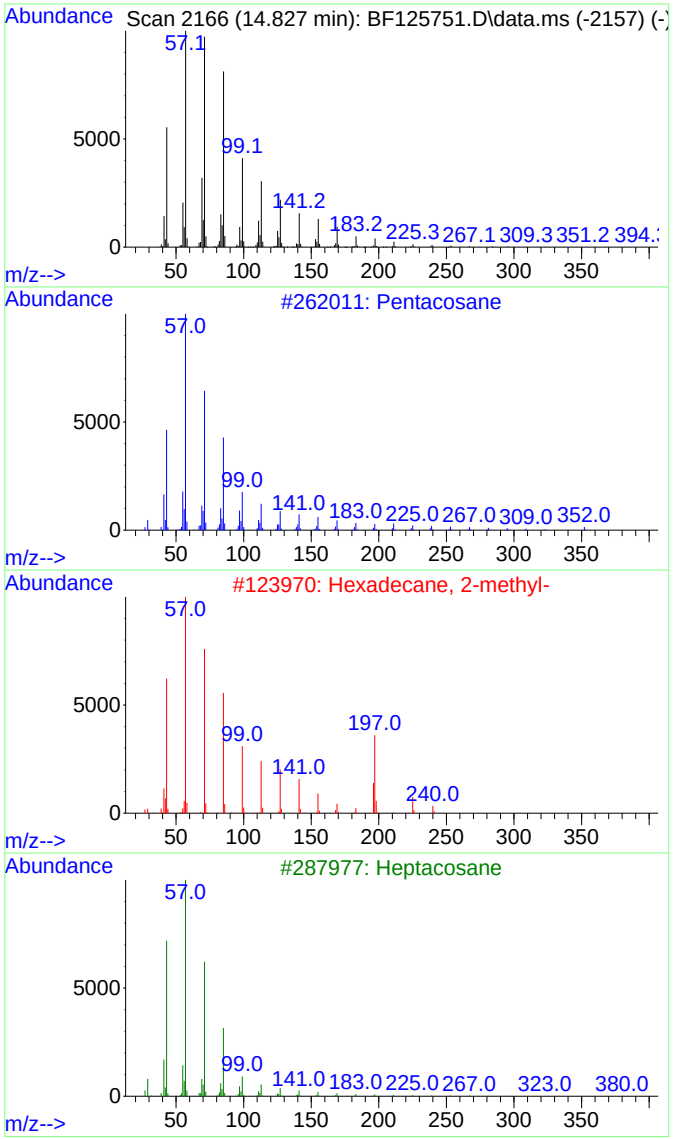
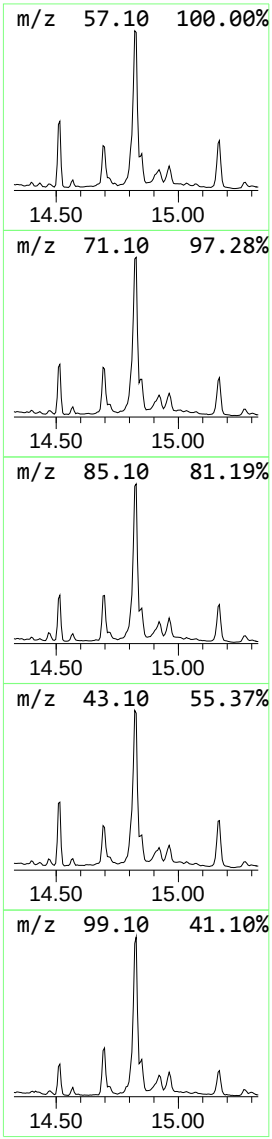
Peak Number 13 Pentacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	109.84 ng	8230080	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
3	Heptacosane	380	C27H56	000593-49-7	78
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	59





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ALS Vial : 10 Sample Multiplier: 1

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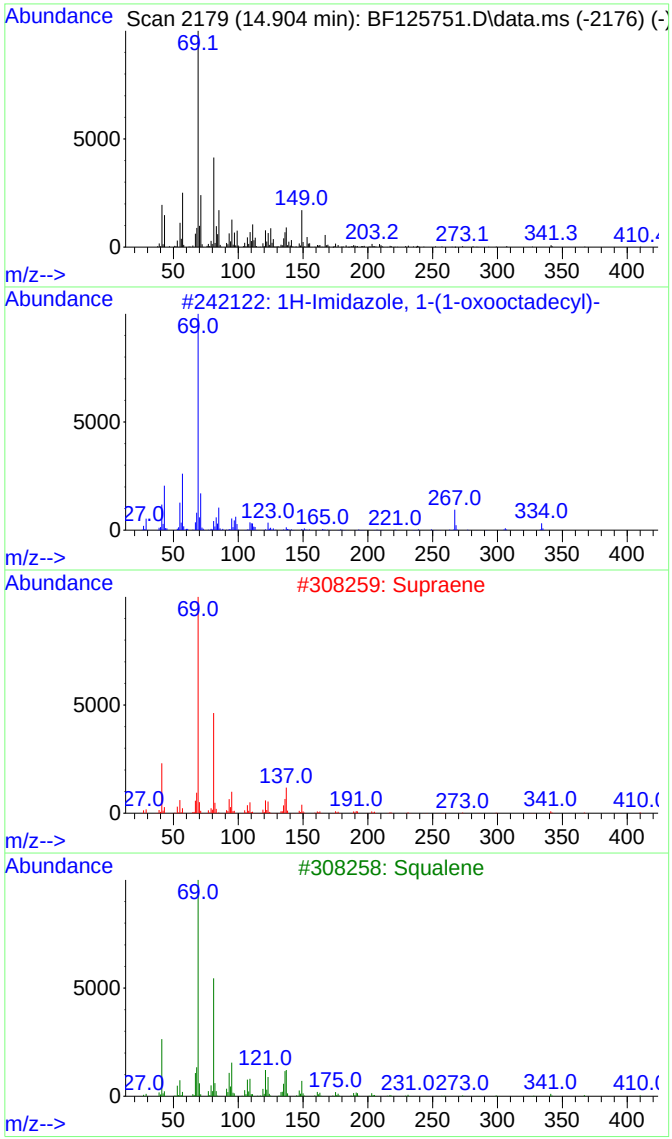
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

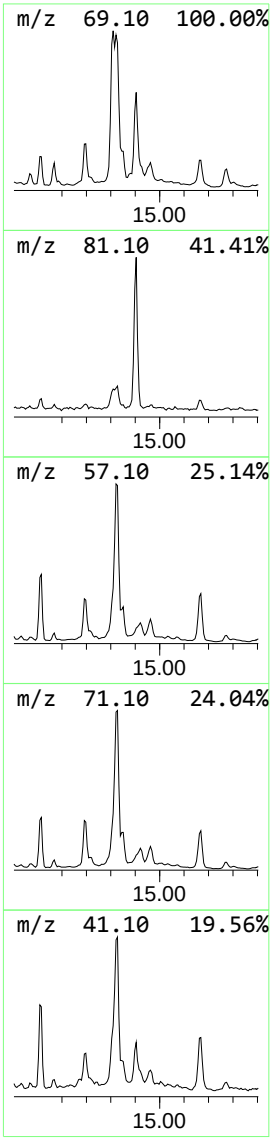
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Imidazole, 1-(1-oxooctad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	18.92 ng	1417580	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 1-(1-oxooctadecyl)-	334	C21H38N2O	017450-32-7	64
2	Supraene	410	C30H50	007683-64-9	56
3	Squalene	410	C30H50	000111-02-4	55
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	53
5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	50





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Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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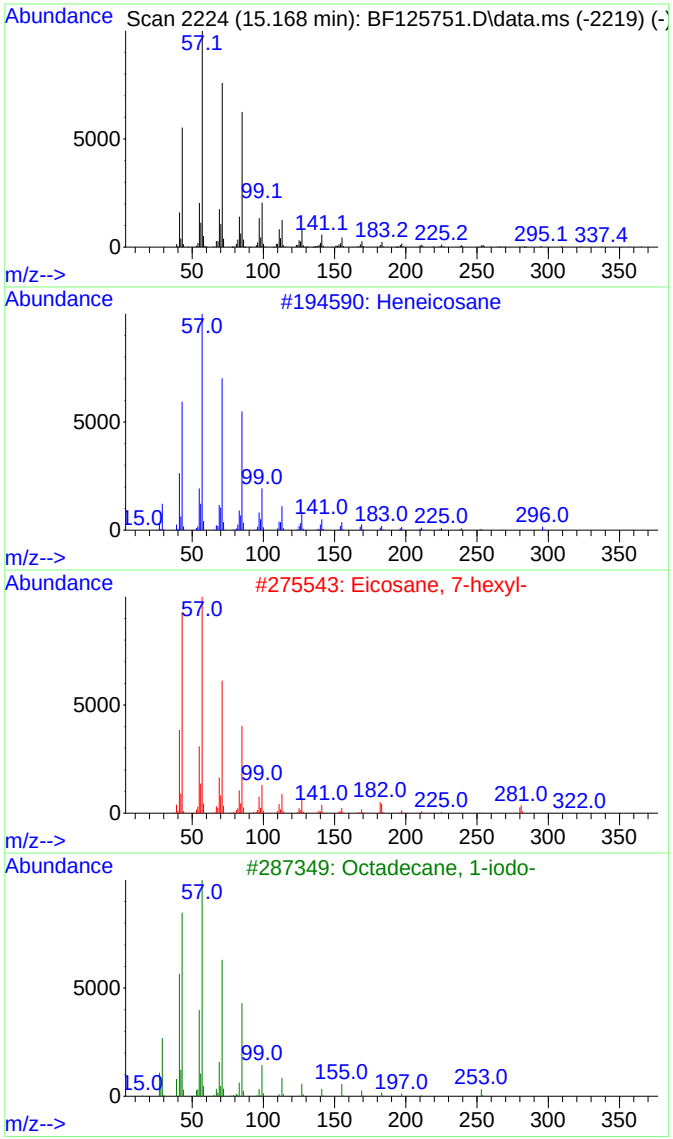
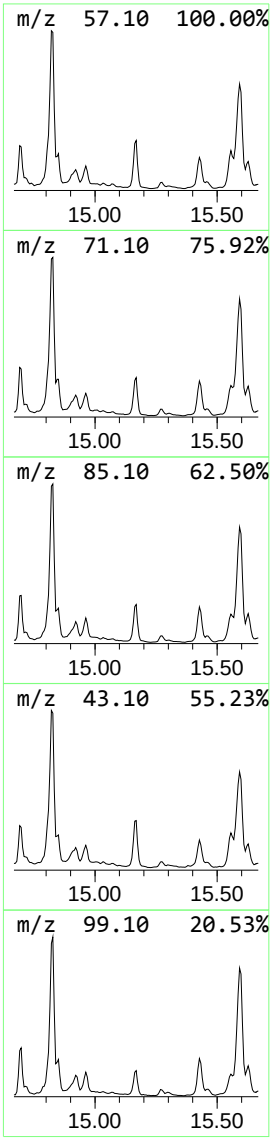
Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	23.36 ng	1750720	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86





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Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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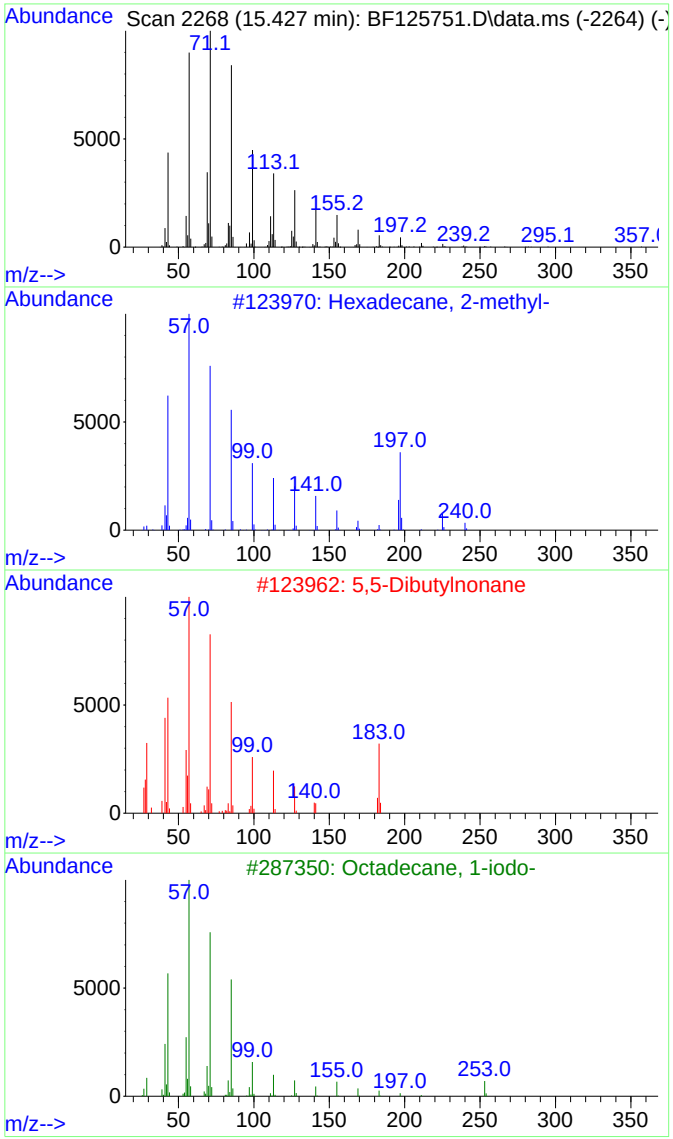
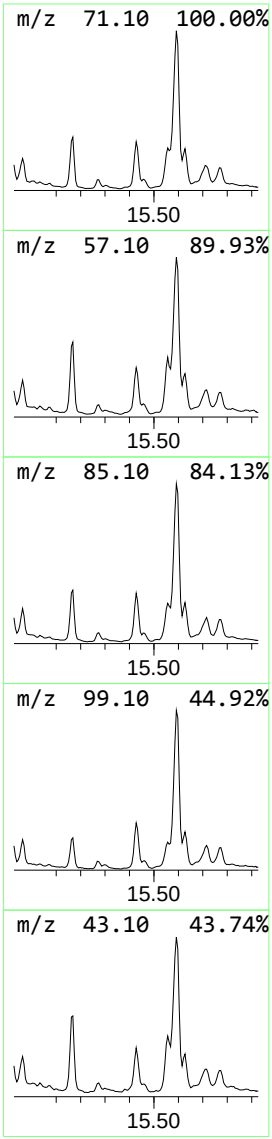
Peak Number 16 Hexadecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	17.26 ng	1293630	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4	Decane, 3-methyl-	156	C11H24	013151-34-3	50
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	49





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Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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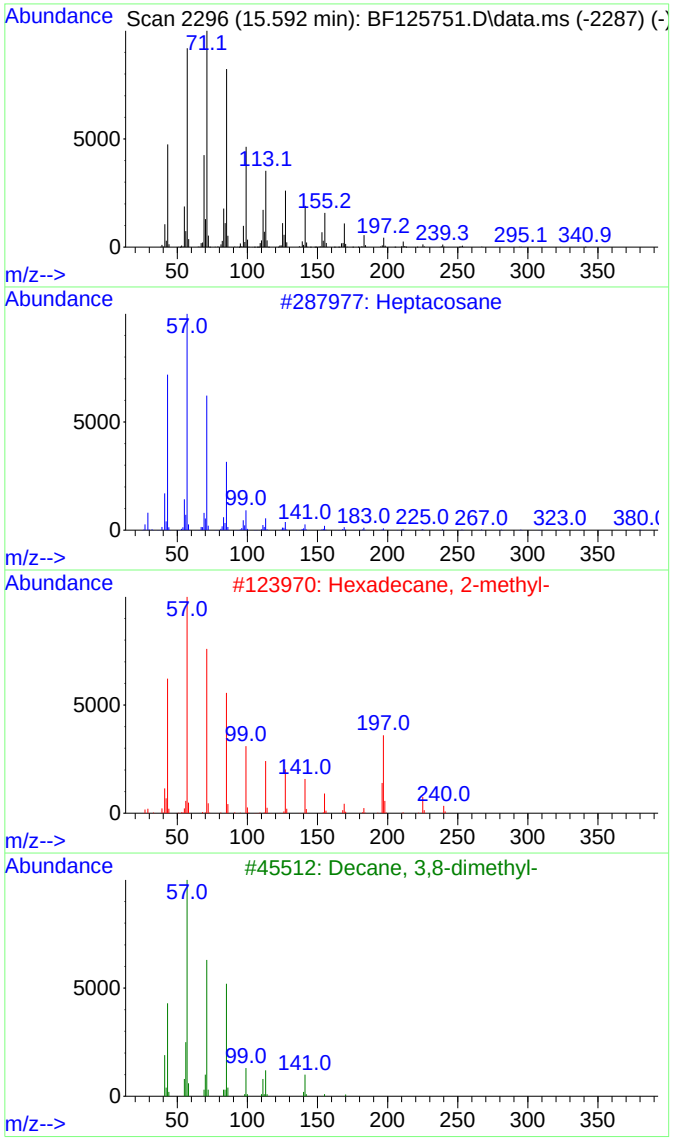
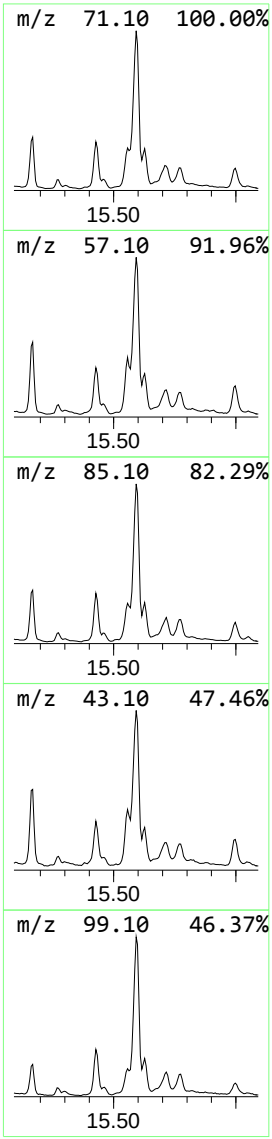
Peak Number 17 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	108.41 ng	8123540	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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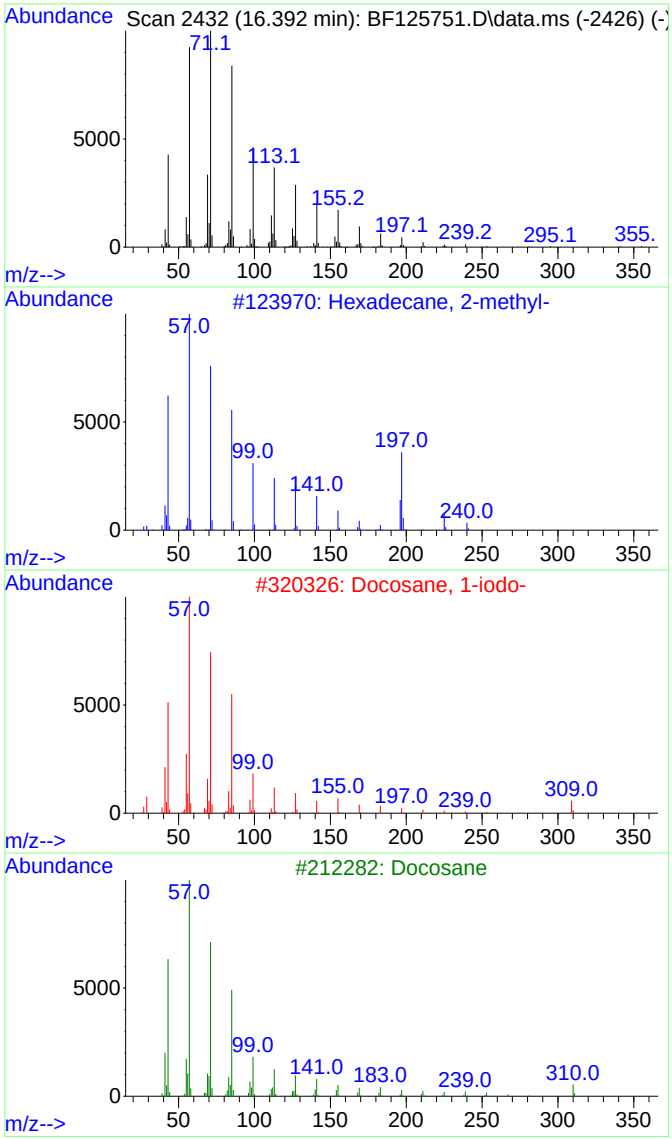
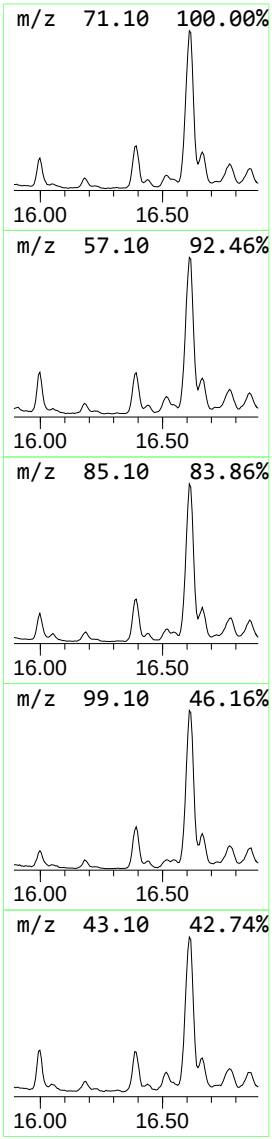
Peak Number 18 Hexadecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	16.23 ng	1215860	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
2	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	53
3	Docosane	310	C22H46	000629-97-0	53
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	53
5	Carbonic acid, decyl nonyl ester	328	C20H40O3	1000383-15-8	53





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Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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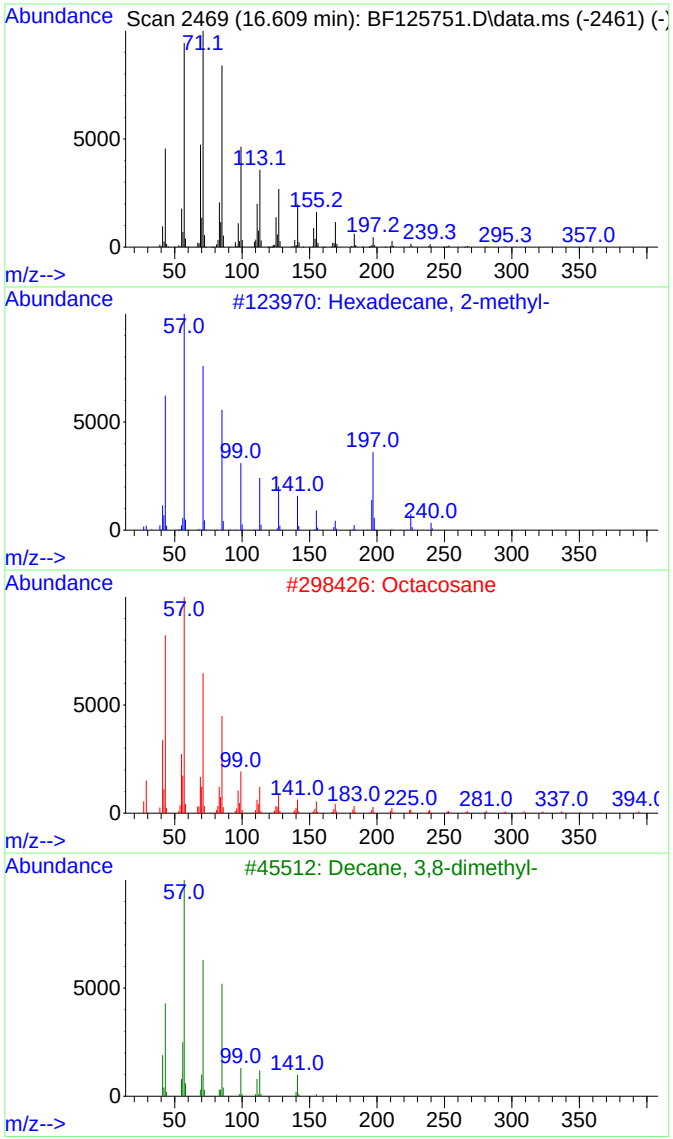
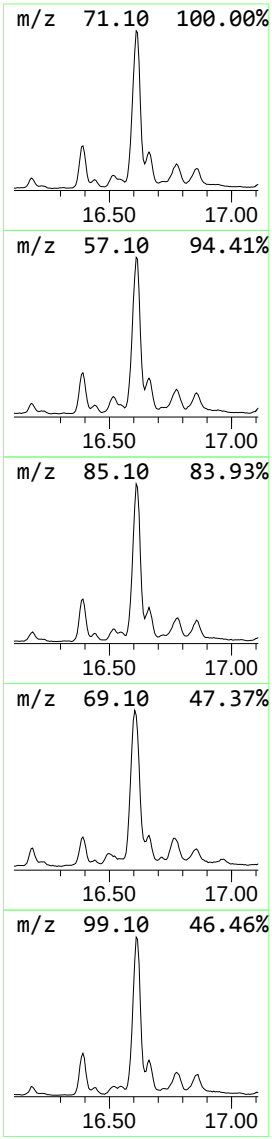
Peak Number 19 Hexadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.609	86.53 ng	6483420	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
2	Octacosane	394	C28H58	000630-02-4	78
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	59
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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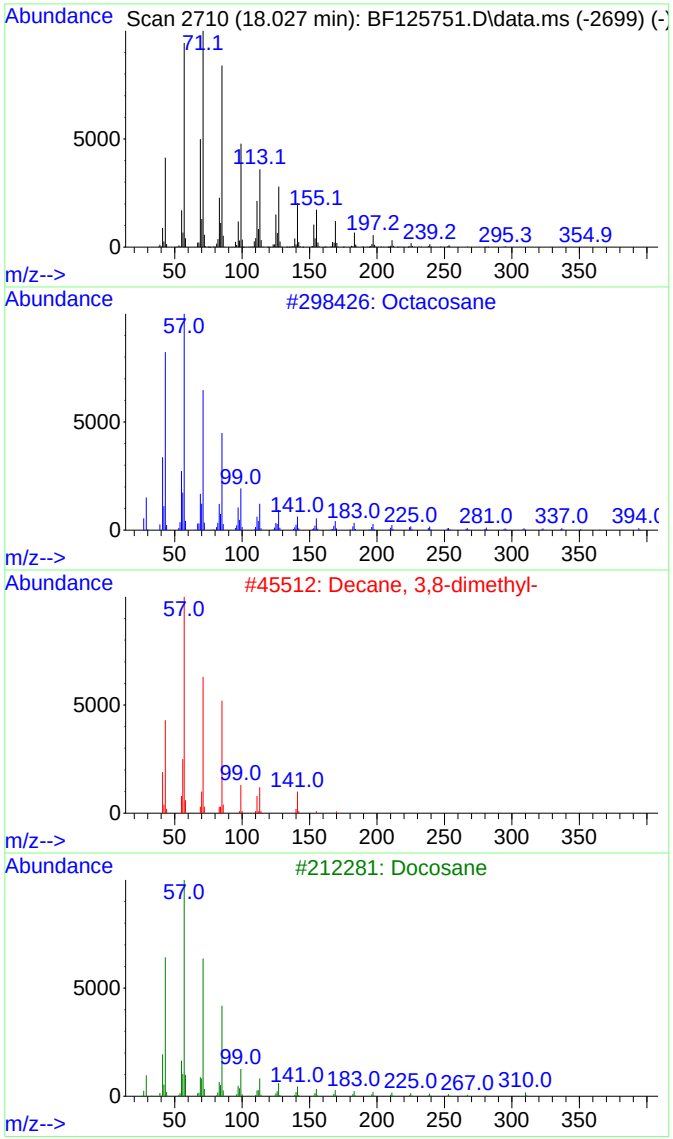
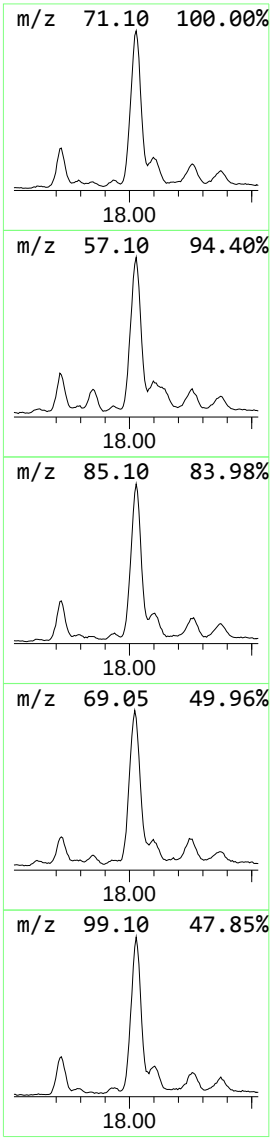
Peak Number 20 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	67.83 ng	5082640	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
3	Docosane	310	C22H46	000629-97-0	64
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53
5	Decane, 3-methyl-	156	C11H24	013151-34-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125751.D
Acq On : 1 Oct 2021 14:33
Operator : JU/CG
Sample : M3999-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.169	27.2	ng	1585330	1	6.886	1164080	20.0
Heptacosane	10.580	17.4	ng	2341390	3	9.922	2697090	20.0
5,5-Dibutylnonane	10.851	37.4	ng	5984260	4	11.416	3197790	20.0
2-Bromo dodecane	11.051	20.4	ng	3253800	4	11.416	3197790	20.0
Hexadecane	11.327	20.0	ng	3197790	4	11.416	3197790	20.0
Octadecanoic acid	12.727	17.6	ng	2809750	4	11.416	3197790	20.0
Octadecane, 2-m...	12.757	27.8	ng	3836630	5	14.045	2761470	20.0
Triallylsilane	13.468	16.6	ng	2291690	5	14.045	2761470	20.0
Hexadecane, 2-m...	13.498	34.0	ng	4701110	5	14.045	2761470	20.0
Cyclooctane, 1-...	14.157	13.9	ng	1915710	5	14.045	2761470	20.0
5,5-Dibutylnonane	14.174	35.7	ng	4932960	5	14.045	2761470	20.0
Hexacosane	14.210	15.3	ng	2115750	5	14.045	2761470	20.0
Pentacosane	14.827	109.8	ng	8230080	6	15.521	1498620	20.0
1H-Imidazole, 1...	14.904	18.9	ng	1417580	6	15.521	1498620	20.0
Heneicosane	15.168	23.4	ng	1750720	6	15.521	1498620	20.0
Hexadecane, 2-m...	15.427	17.3	ng	1293630	6	15.521	1498620	20.0
Heptacosane	15.592	108.4	ng	8123540	6	15.521	1498620	20.0
Hexadecane, 2-m...	16.392	16.2	ng	1215860	6	15.521	1498620	20.0
Hexadecane, 2-m...	16.609	86.5	ng	6483420	6	15.521	1498620	20.0
Octacosane	18.027	67.8	ng	5082640	6	15.521	1498620	20.0