LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122600.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	568	573	576	rBV	3260990	3029296	93.45%	6.731%
2	5.787	625	629	640	rBV	63375	73698	2.27%	0.164%
3	6.469	740	745	756	rBV	3192214	3241578	100.00%	7.203%
4	6.663	776	778	784	rBV	206047	187194	5.77%	0.416%
5	6.839	804	808	811	rBV	1130590	966160	29.81%	2.147%
6	7.398	899	903	906	rBV	2248638	2001299	61.74%	4.447%
7	8.122	1022	1026	1029	rBV	1600753	1287172	39.71%	2.860%
8	8.945	1161	1166	1168	rBV2	52078	51370	1.58%	0.114%
9	9.198	1204	1209	1212	rBV	3656055	2990125	92.24%	6.644%
10	9.280	1218	1223	1227	rBV2	123806	122316	3.77%	0.272%
11	9.351	1231	1235	1237	rVB	71538	72175	2.23%	0.160%
12	9.516	1260	1263	1265	rBV3	45630	56566	1.75%	0.126%
13	9.557	1268	1270	1272	rVV2	62464	52268	1.61%	0.116%
14	9.592	1272	1276	1279	rVV	351174	398317	12.29%	0.885%
15	9.622	1279	1281	1284	rVV	97180	106903	3.30%	0.238%
16	9.657	1284	1287	1291	rVB3	97116	96526	2.98%	0.214%
17	9.733	1298	1300	1303	rBV	80791	86517	2.67%	0.192%
18	9.810	1306	1313	1318	rBV	259960	273187	8.43%	0.607%
19	9.875	1318	1324	1328	rBV	1784060	1606061	49.55%	3.569%
20	9.910	1328	1330	1332	rVB	56502	45237	1.40%	0.101%
21	10.039	1348	1352	1353	rBV4	59976	64378	1.99%	0.143%
22	10.133	1364	1368	1371	rBV5	79401	97365	3.00%	0.216%
23	10.192	1376	1378	1385	rBV6	52711	108267	3.34%	0.241%
24	10.310	1391	1398	1400	rBV	406716	349157	10.77%	0.776%
25	10.363	1405	1407	1412	rVB6	34656	53302	1.64%	0.118%
26	10.422	1413	1417	1418	rBV3	52788	55271	1.71%	0.123%
27	10.527	1430	1435	1441	rBV	163319	270013	8.33%	0.600%
28	10.580	1441	1444	1447	rVB3	75459	68490	2.11%	0.152%
29	10.616	1447	1450	1453	rBV2	53960	63491	1.96%	0.141%
30	10.663	1453	1458	1462	rBV	2226208	2019678	62.31%	4.488%
31	10.780	1475	1478	1484	rBV	512193	561815	17.33%	1.248%
32	10.974	1508	1511	1513	rBV2	73854	70408	2.17%	0.156%
33	11.169	1541	1544	1548	rVB2	52355	50570	1.56%	0.112%
34	11.227	1551	1554	1557	rVV	473028	452730	13.97%	1.006%
35	11.263	1557	1560	1565	rVB	299272	323876	9.99%	0.720%
36	11.363	1573	1577	1579	rBV	1797718	1580829	48.77%	3.513%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.386	1579	1581	1583	rVB	574352	432020	13.33%	0.960%
38	11.433	1588	1589	1593	rVB	129261	122135	3.77%	0.271%
39	11.474	1593	1596	1598	rBV3	74520	72581	2.24%	0.161%
40	11.539	1605	1607	1611	rVB	74610	62195	1.92%	0.138%
41	11.592	1611	1616	1617	rBV3	86436	97043	2.99%	0.216%
42	11.610	1617	1619	1623	rVV3	91926	94868	2.93%	0.211%
43	11.657	1624	1627	1630	rVB	534772	395802	12.21%	0.879%
44	11.821	1652	1655	1657	rBV2	53276	55926	1.73%	0.124%
45	11.863	1659	1662	1664	rVB	117342	87775	2.71%	0.195%
46	11.892	1664	1667	1670	rBV	237355	204235	6.30%	0.454%
47	11.974	1678	1681	1683	rBV	154271	144688	4.46%	0.322%
48	11.998	1683	1685	1689	rVB2	114890	117815	3.63%	0.262%
49	12.039	1689	1692	1693	rBV3	45427	45786	1.41%	0.102%
50	12.063	1693	1696	1699	rVB	403513	316468	9.76%	0.703%
51	12.157	1710	1712	1714	rBV	91968	70921	2.19%	0.158%
52	12.180	1714	1716	1720	rVB	89119	82000	2.53%	0.182%
53	12.216	1720	1722	1724	rBV2	42898	52362	1.62%	0.116%
54	12.310	1736	1738	1740	rVB2	65481	51930	1.60%	0.115%
55	12.345	1741	1744	1749	rVB2	78265	109513	3.38%	0.243%
56	12.410	1752	1755	1759	rBV	107223	113438	3.50%	0.252%
57	12.451	1759	1762	1767	rVV2	352463	318307	9.82%	0.707%
58	12.498	1767	1770	1773	rVB	97796	82941	2.56%	0.184%
59	12.574	1779	1783	1786	rBV	1342054	1094275	33.76%	2.432%
60	12.668	1796	1799	1801	rBV	102680	92465	2.85%	0.205%
61	12.804	1816	1822	1824	rVV2	1148611	1177819	36.33%	2.617%
62	12.821	1824	1825	1828	rVV	239020	165113	5.09%	0.367%
63	12.851	1828	1830	1835	rVB2	62857	74967	2.31%	0.167%
64	12.945	1842	1846	1853	rVB	2943086	2834081	87.43%	6.298%
65	13.027	1855	1860	1863	rBV2	81242	138013	4.26%	0.307%
66	13.110	1871	1874	1875	rBV2	72445	80846	2.49%	0.180%
67	13.127	1875	1877	1881	rVB	156400	153112	4.72%	0.340%
68	13.180	1883	1886	1888	rVV	130527	136644	4.22%	0.304%
69	13.233	1891	1895	1902	rVB2	176563	235169	7.25%	0.523%
70	13.327	1908	1911	1914	rVB	79872	72148	2.23%	0.160%
71	13.357	1914	1916	1920	rVV2	80444	79357	2.45%	0.176%
72	13.421	1924	1927	1934	rVB4	82334	117824	3.63%	0.262%
73	13.521	1941	1944	1948	rBV3	94263	93280	2.88%	0.207%
74	13.639	1961	1964	1969	rVB	143660	150867	4.65%	0.335%
75	13.751	1979	1983	1985	rBV2	86391	109959	3.39%	0.244%
76	13.780	1985	1988	1990	rBV	76985	60012	1.85%	0.133%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.798	1990	1991	1996	rVB2	62991	77678	2.40%	0.173%
78	13.845	1996	1999	2001	rBV2	149733	160066	4.94%	0.356%
79	13.998	2020	2025	2028	rBV2	1545152	1892315	58.38%	4.205%
80	14.027	2028	2030	2036	rVB	581056	508050	15.67%	1.129%
81	14.104	2041	2043	2046	rVB	104337	83432	2.57%	0.185%
82	14.386	2089	2091	2094	rVB	113384	88442	2.73%	0.197%
83	14.421	2094	2097	2100	rVB2	77702	75477	2.33%	0.168%
84	14.468	2102	2105	2109	rVB2	159352	168928	5.21%	0.375%
85	14.510	2110	2112	2114	rBV2	70777	68738	2.12%	0.153%
86	14.774	2153	2157	2161	rBV2	135027	186862	5.76%	0.415%
87	14.851	2167	2170	2173	rBV2	89509	116518	3.59%	0.259%
88	15.039	2198	2202	2205	rBV	464769	720412	22.22%	1.601%
89	15.115	2211	2215	2219	rBV	2467390	2896434	89.35%	6.436%
90	15.339	2249	2253	2259	rVB	297086	386723	11.93%	0.859%
91	15.398	2259	2263	2269	rBV	419903	481282	14.85%	1.069%
92	15.462	2269	2274	2277	rBV	976797	1232253	38.01%	2.738%
93	15.692	2310	2313	2317	rVB3	95415	133591	4.12%	0.297%
94	15.927	2347	2353	2360	rVB	771438	1147088	35.39%	2.549%
95	16.715	2481	2487	2499	rBV3	285328	615697	18.99%	1.368%
96	16.909	2515	2520	2530	rVB2	185189	372572	11.49%	0.828%
97	17.145	2557	2560	2564	rBV2	31147	52908	1.63%	0.118%
98	17.345	2589	2594	2604	rVB	166658	347907	10.73%	0.773%
99	17.580	2630	2634	2640	rVB3	38282	72040	2.22%	0.160%
100	18.121	2723	2726	2734	rVB5	85340	187464	5.78%	0.417%

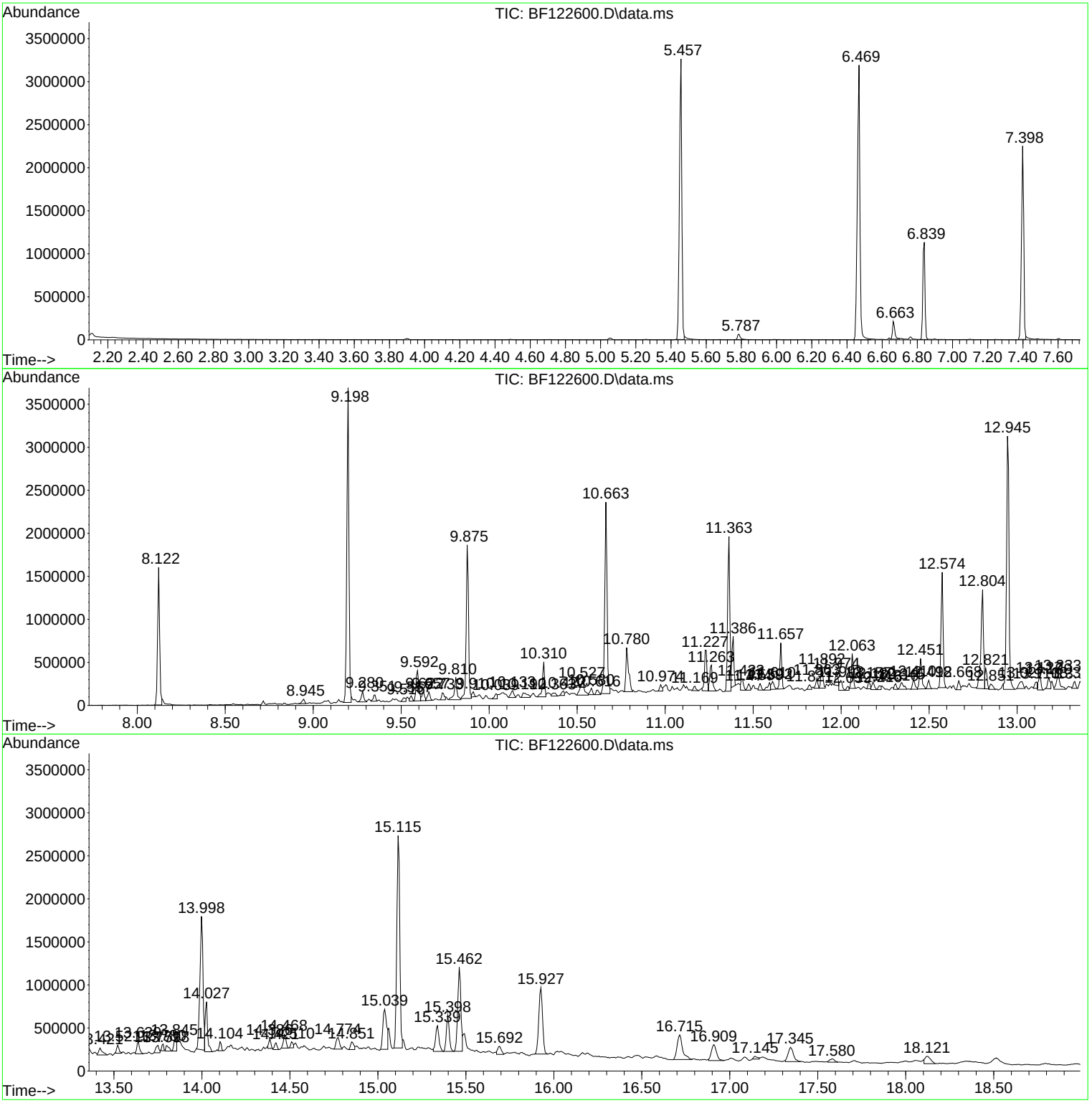
Sum of corrected areas: 45003182

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

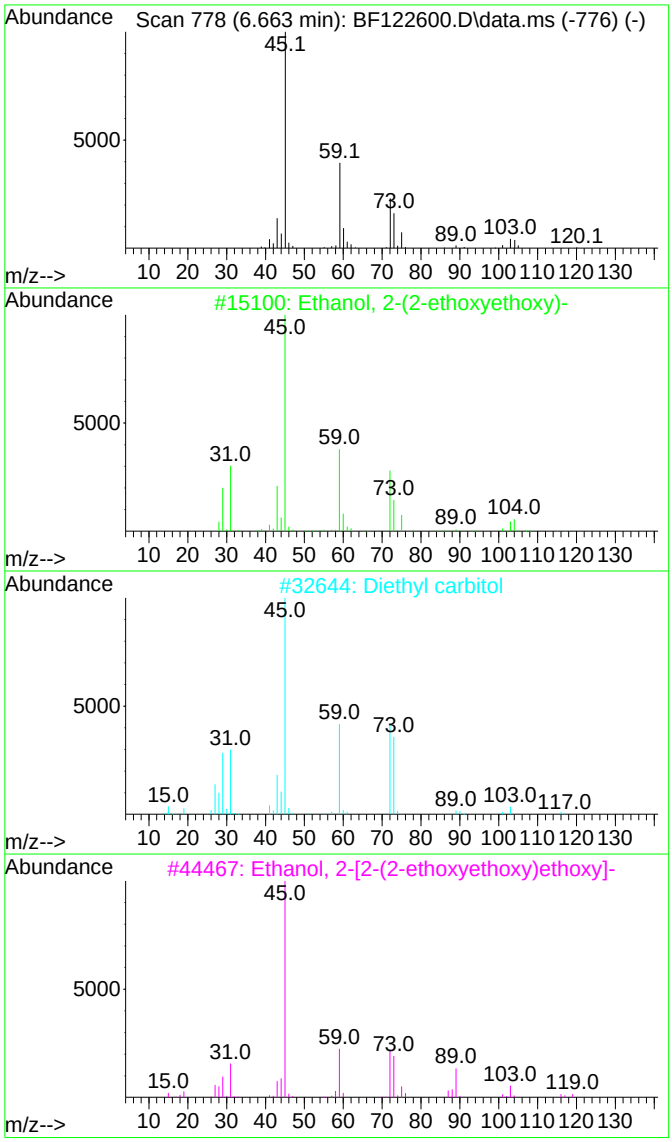
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

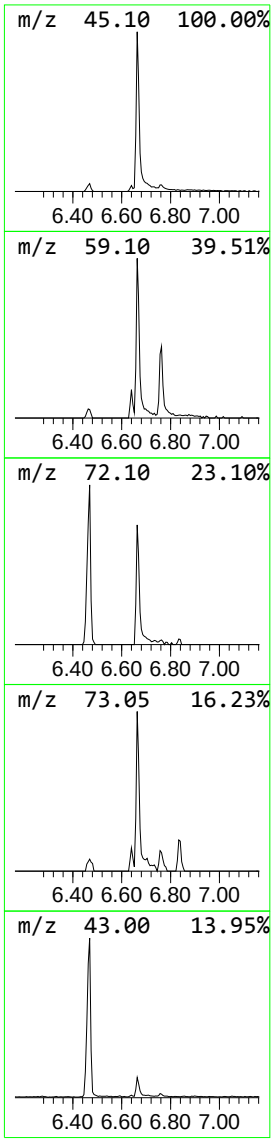
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	3.88 ng	187194	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	53
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
5	Methyl 2-(2-methoxyethoxy)acetate	148	C6H12O4	1000366-88-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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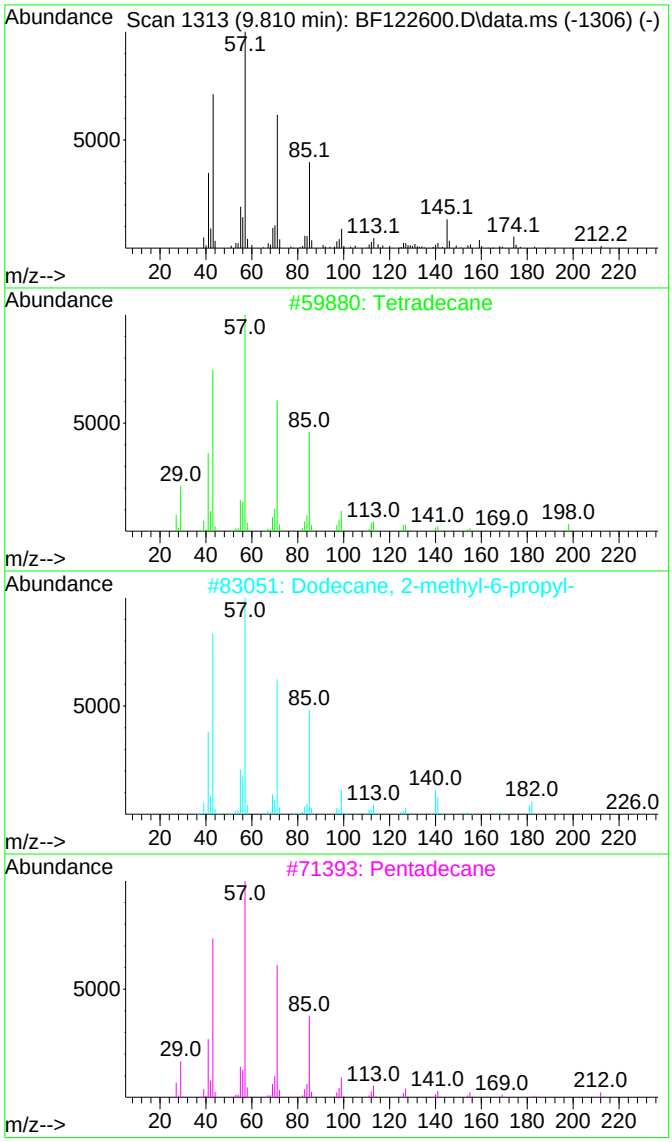
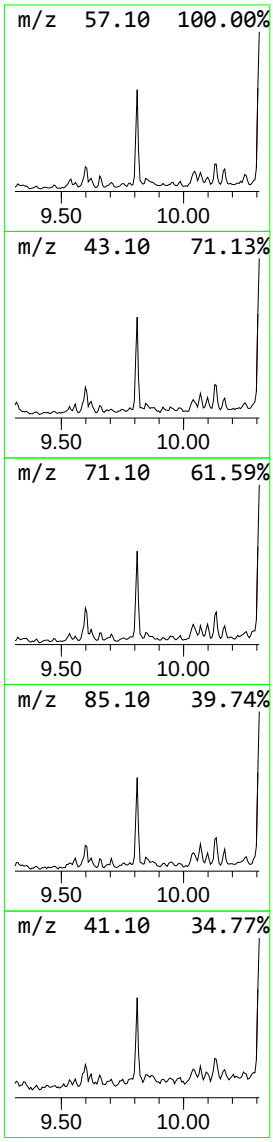
Peak Number 2 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	3.40 ng	273187	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3	Pentadecane	212	C15H32	000629-62-9	68
4	Hexadecane	226	C16H34	000544-76-3	52
5	Tridecane	184	C13H28	000629-50-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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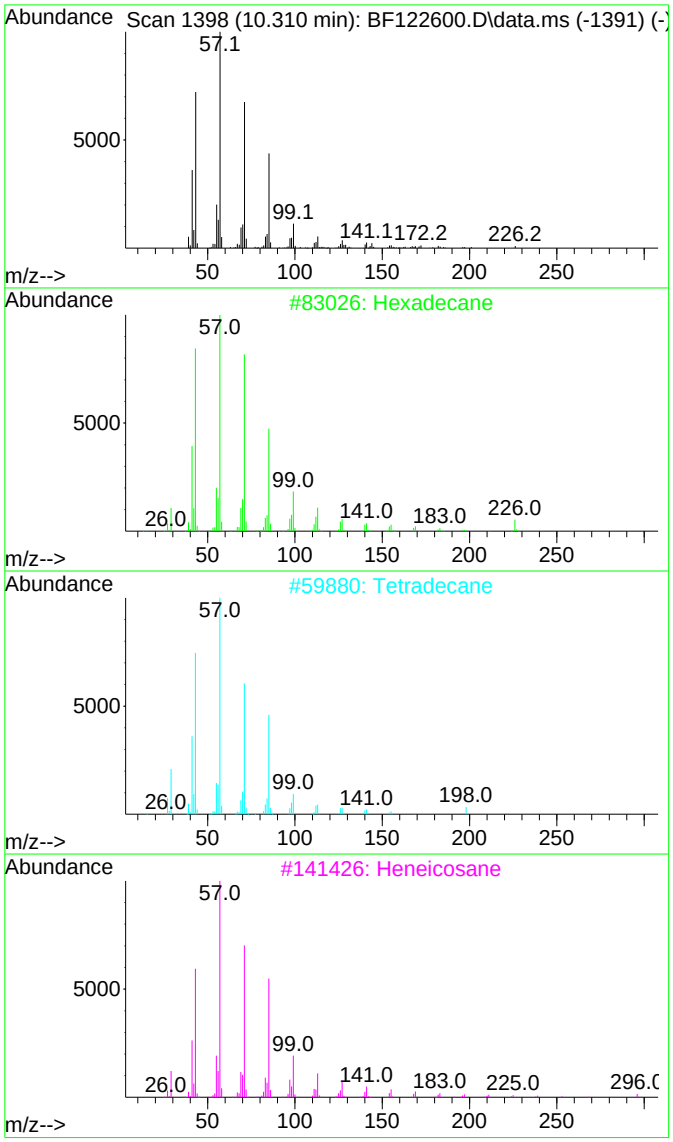
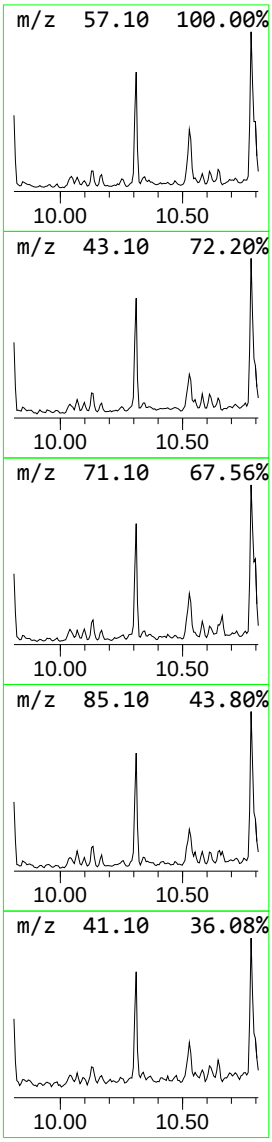
Peak Number 3 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	4.35 ng	349157	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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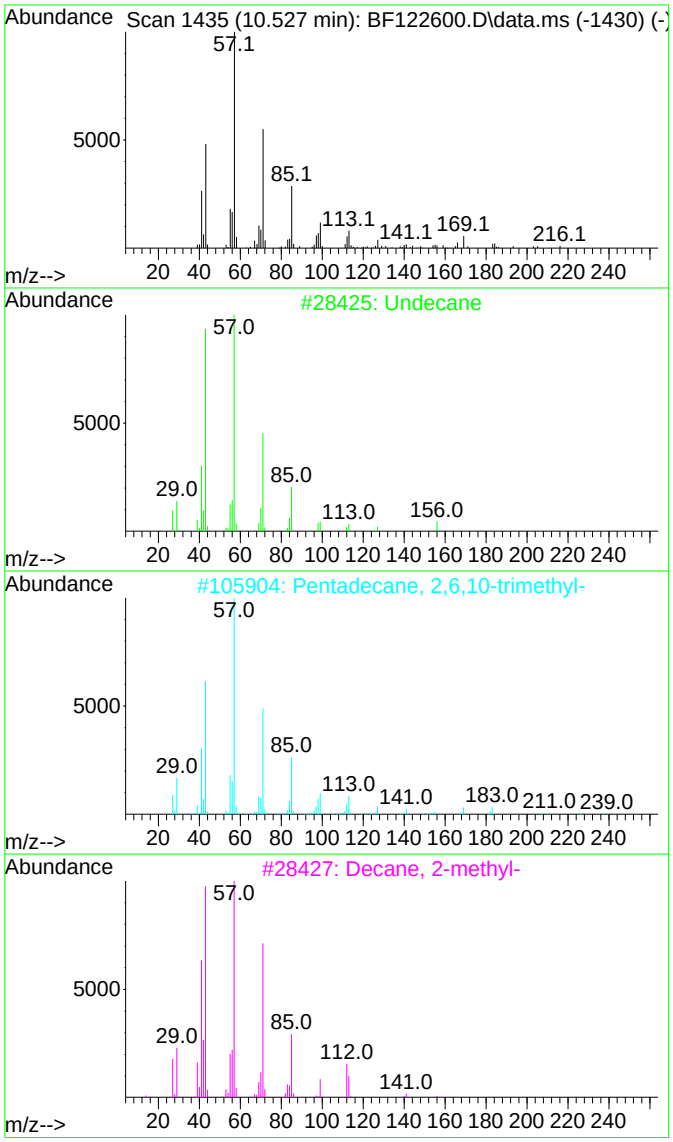
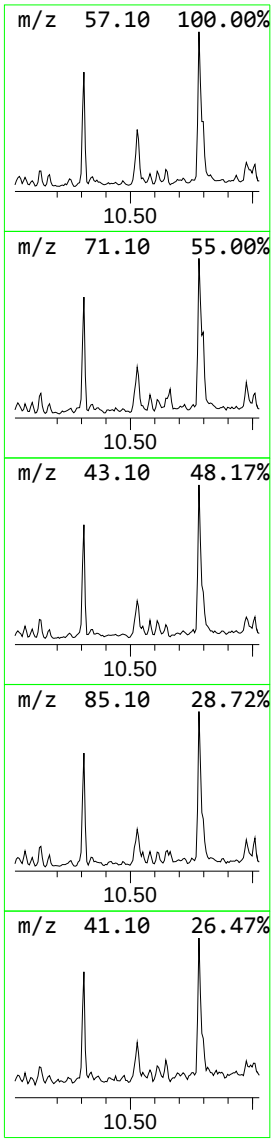
Peak Number 4 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.527	3.36 ng	270013	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Decane, 2-methyl-	156	C11H24	006975-98-0	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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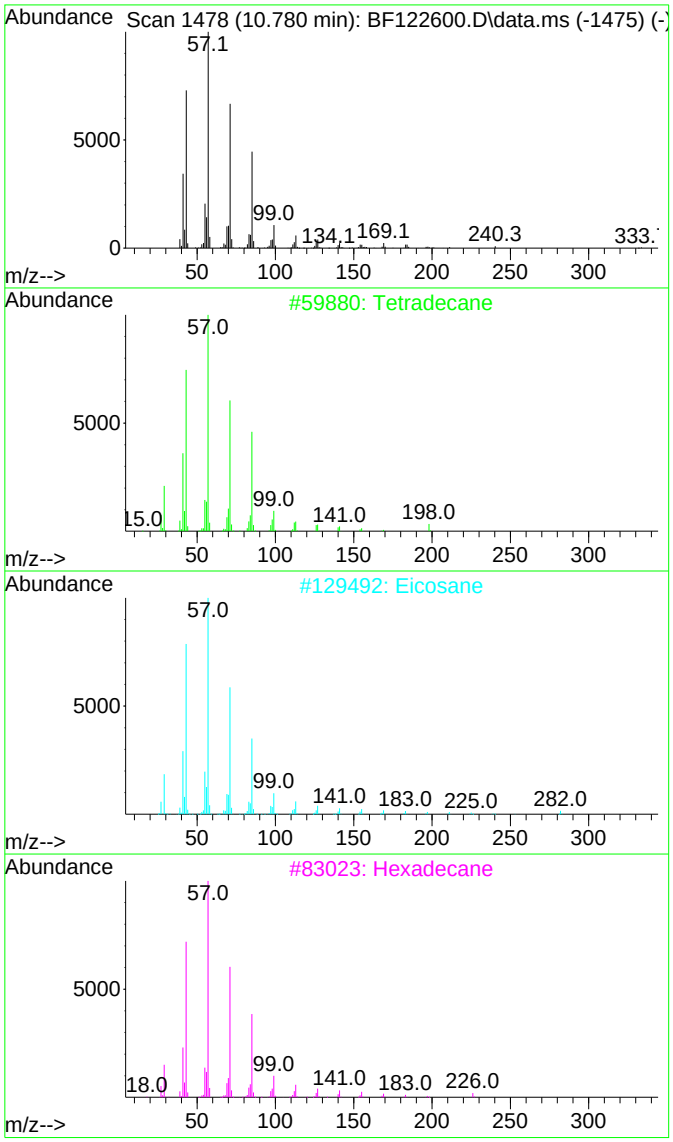
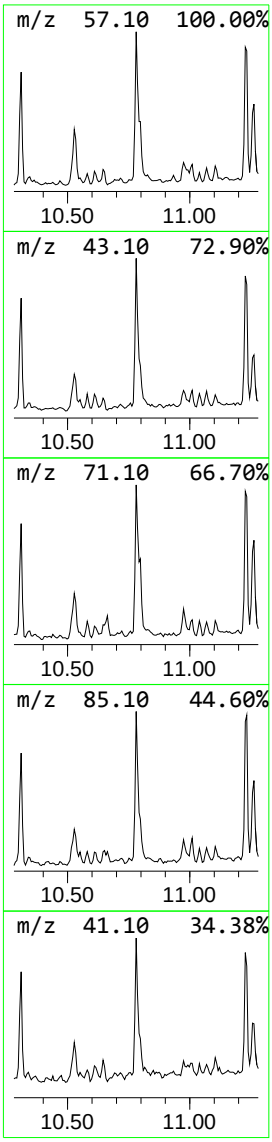
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	7.11 ng	561815	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

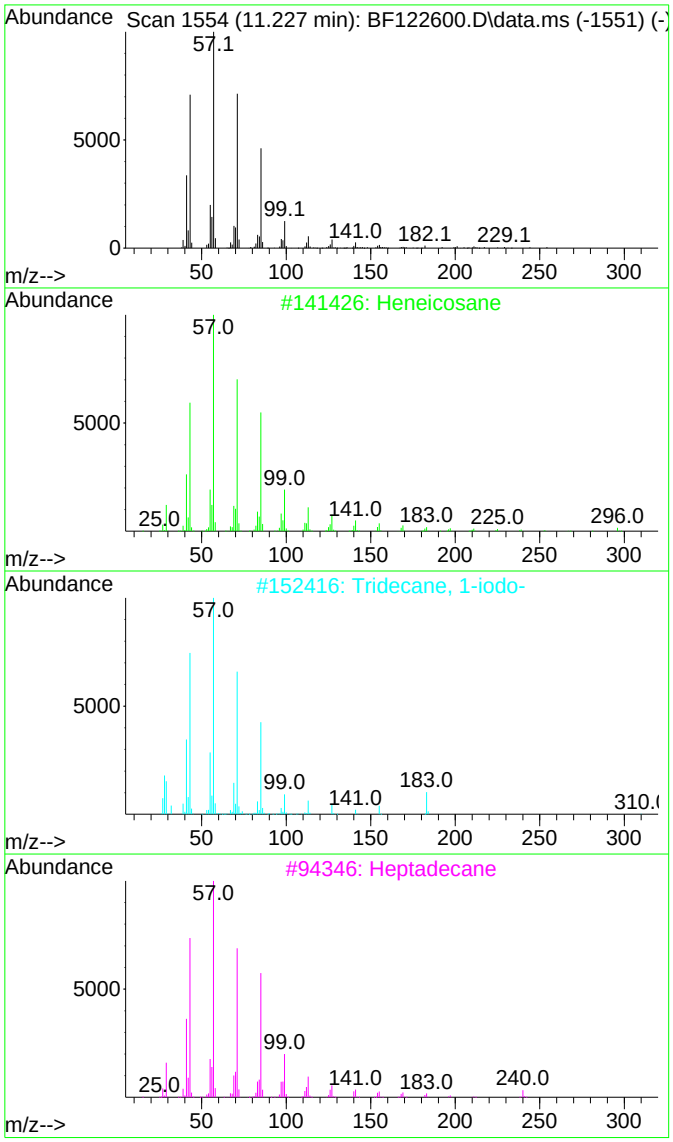
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

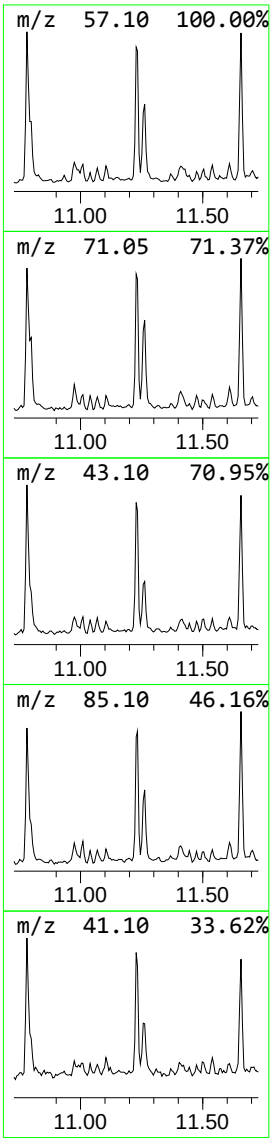
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	5.73 ng	452730	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : L4966-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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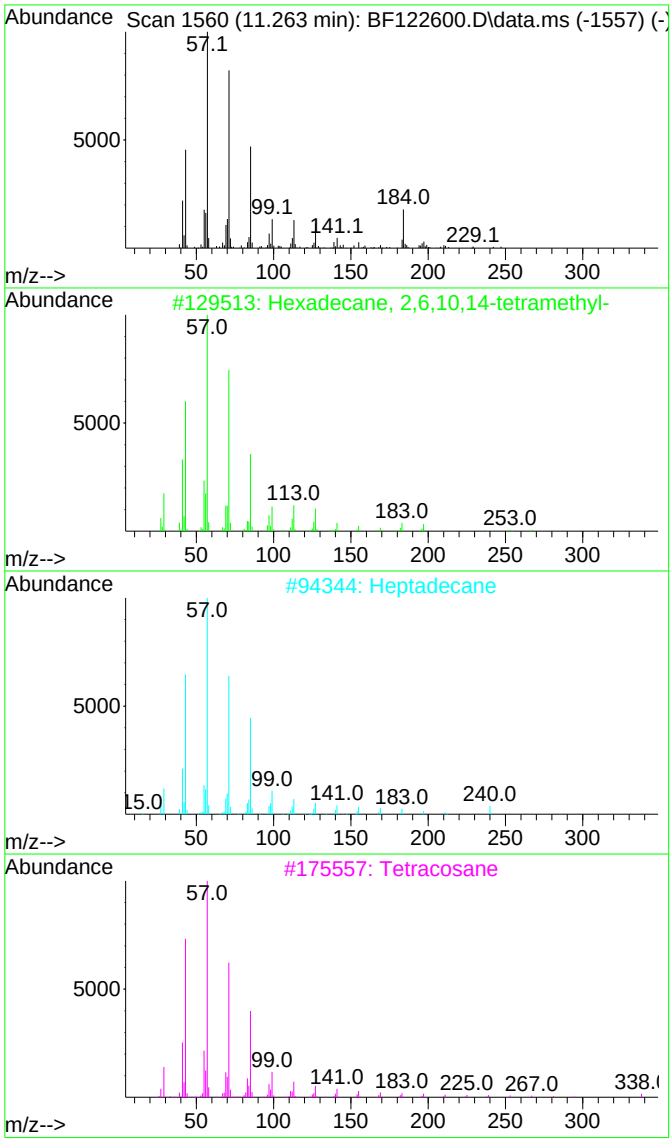
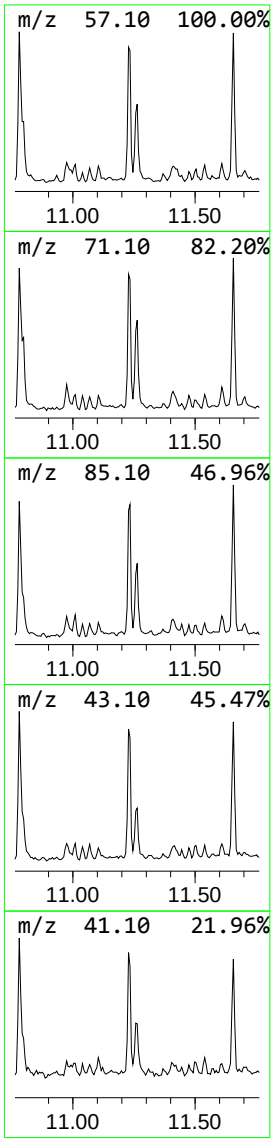
Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	4.10 ng	323876	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tetracosane	338	C24H50	000646-31-1	80
4	Docosane	310	C22H46	000629-97-0	78
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64





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Sample : L4966-01
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ClientSampleId : 239995

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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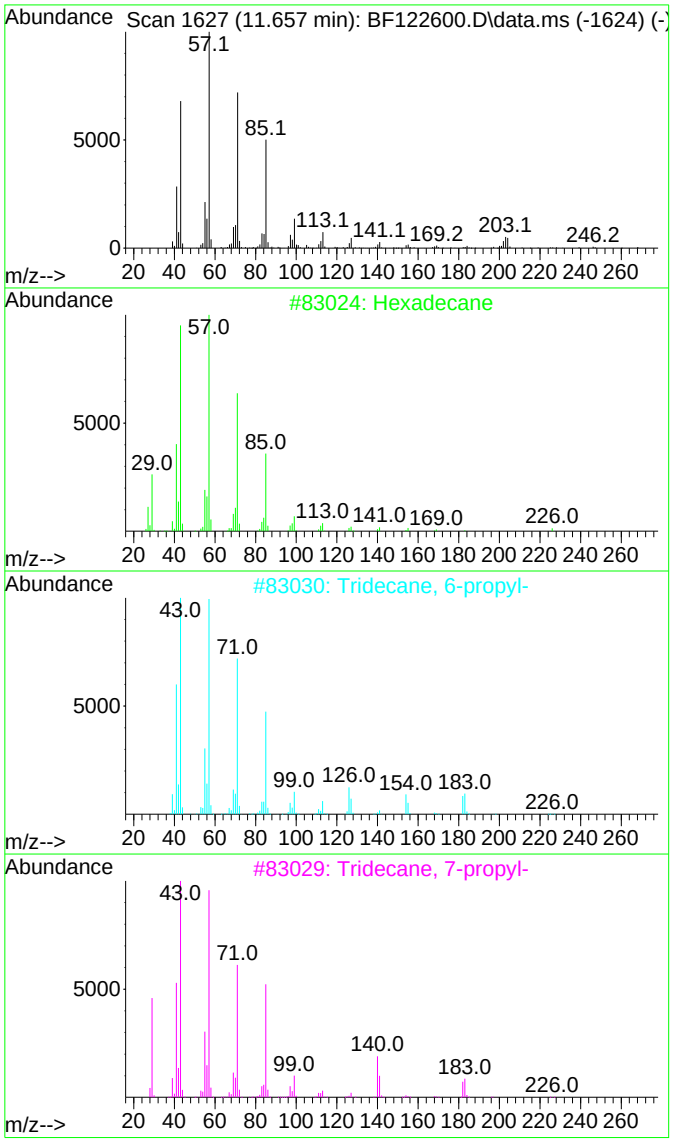
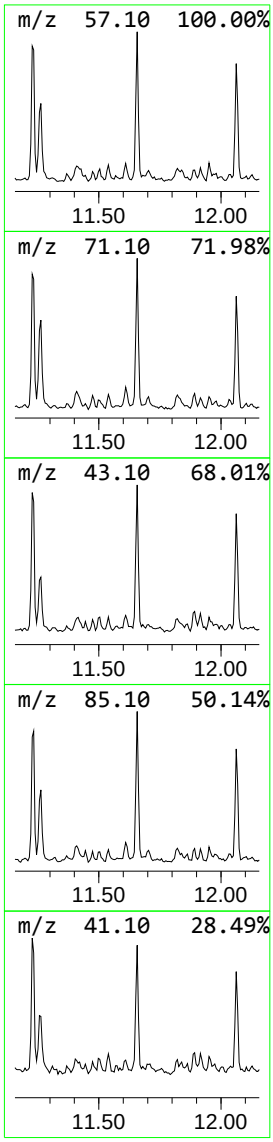
Peak Number 8 Tridecane, 6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	5.01 ng	395802	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Sample : L4966-01
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ClientSampleId : 239995

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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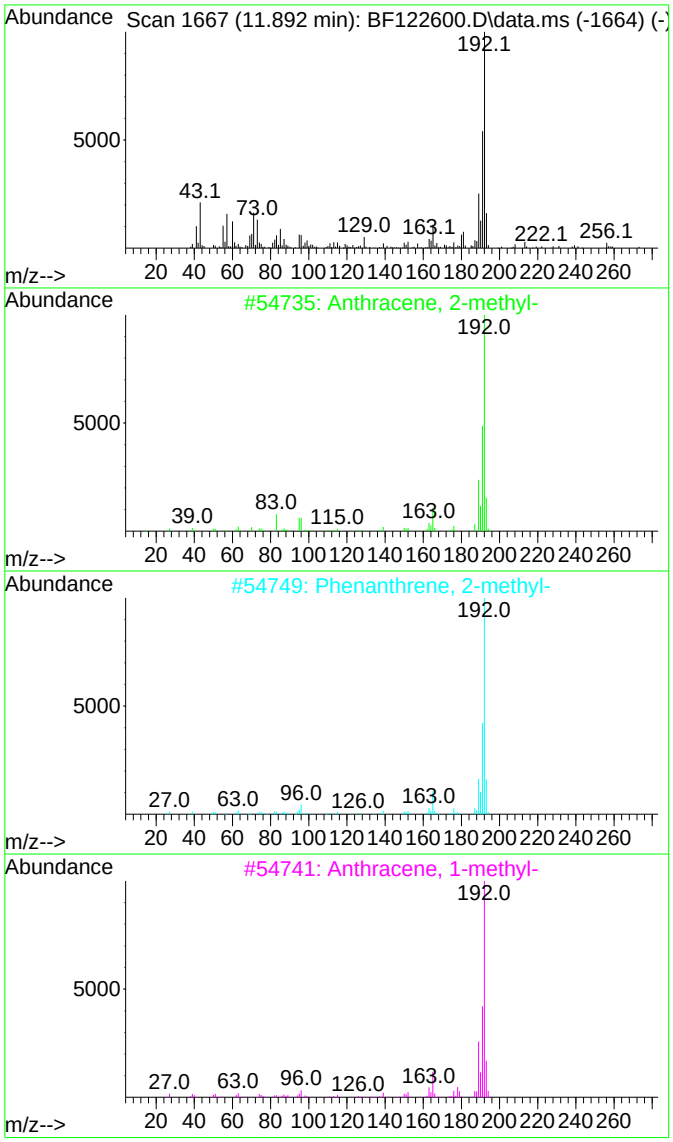
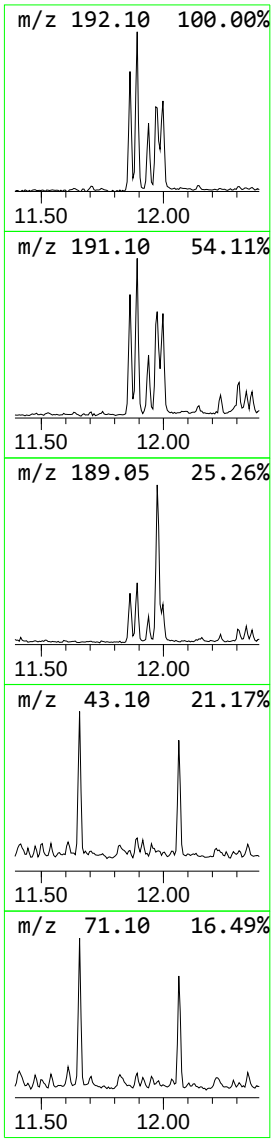
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.58 ng	204235	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Instrument : BNA_F
ClientSampleId : 239995

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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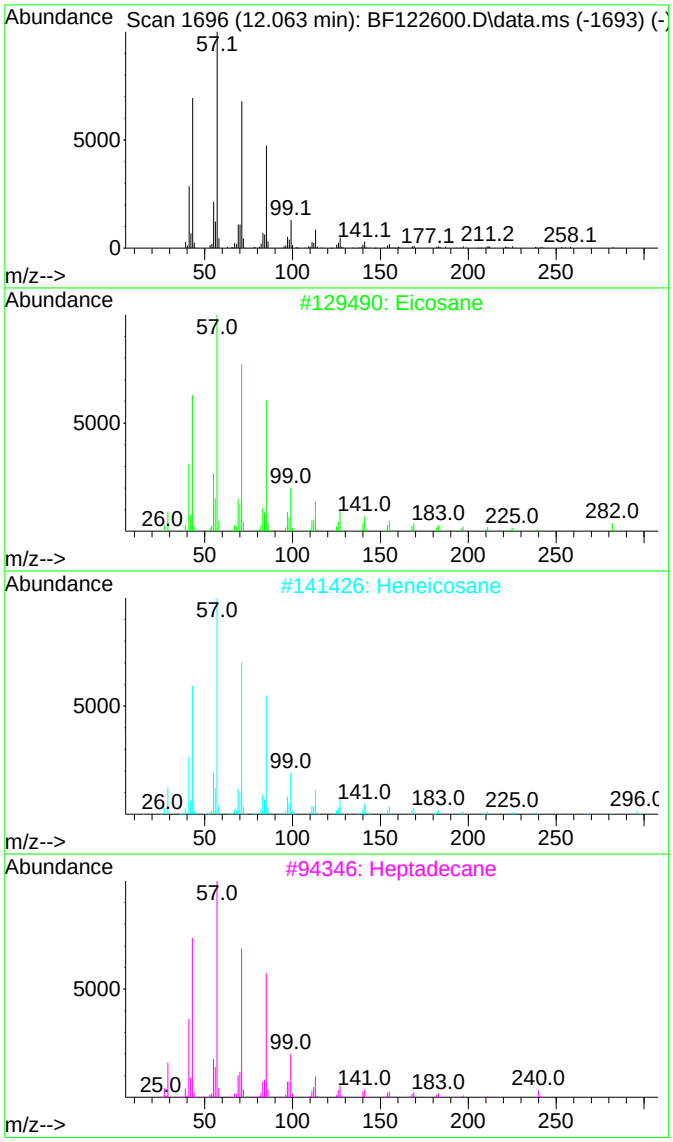
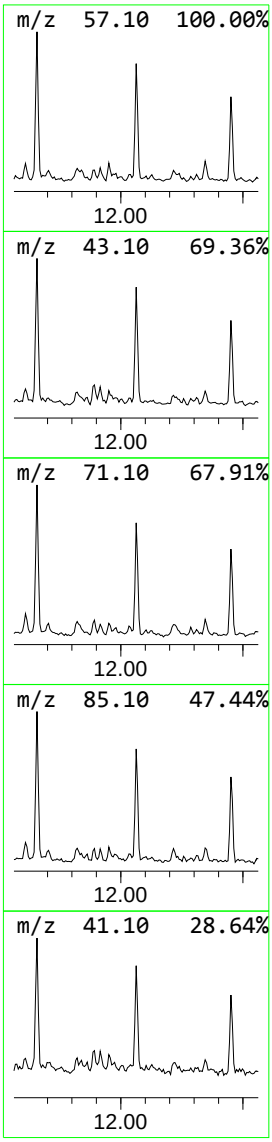
Peak Number 10 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	4.00 ng	316468	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Pentadecane	212	C15H32	000629-62-9	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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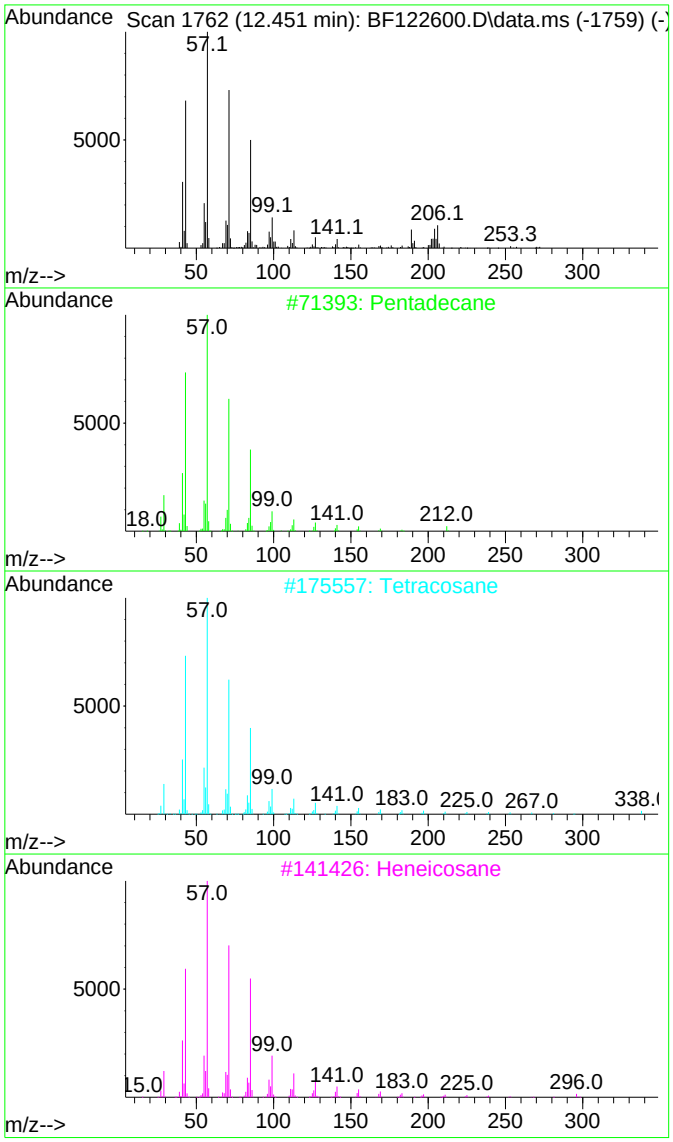
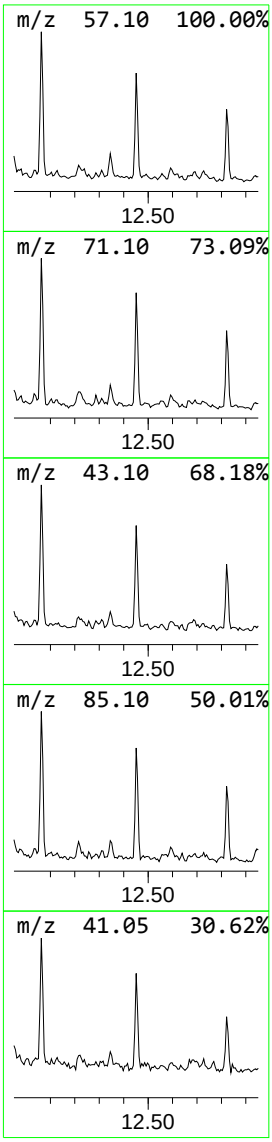
Peak Number 11 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.03 ng	318307	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	68
2	Tetracosane	338	C24H50	000646-31-1	68
3	Heneicosane	296	C21H44	000629-94-7	68
4	Tetradecane	198	C14H30	000629-59-4	68
5	Nonadecane	268	C19H40	000629-92-5	68





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Sample : L4966-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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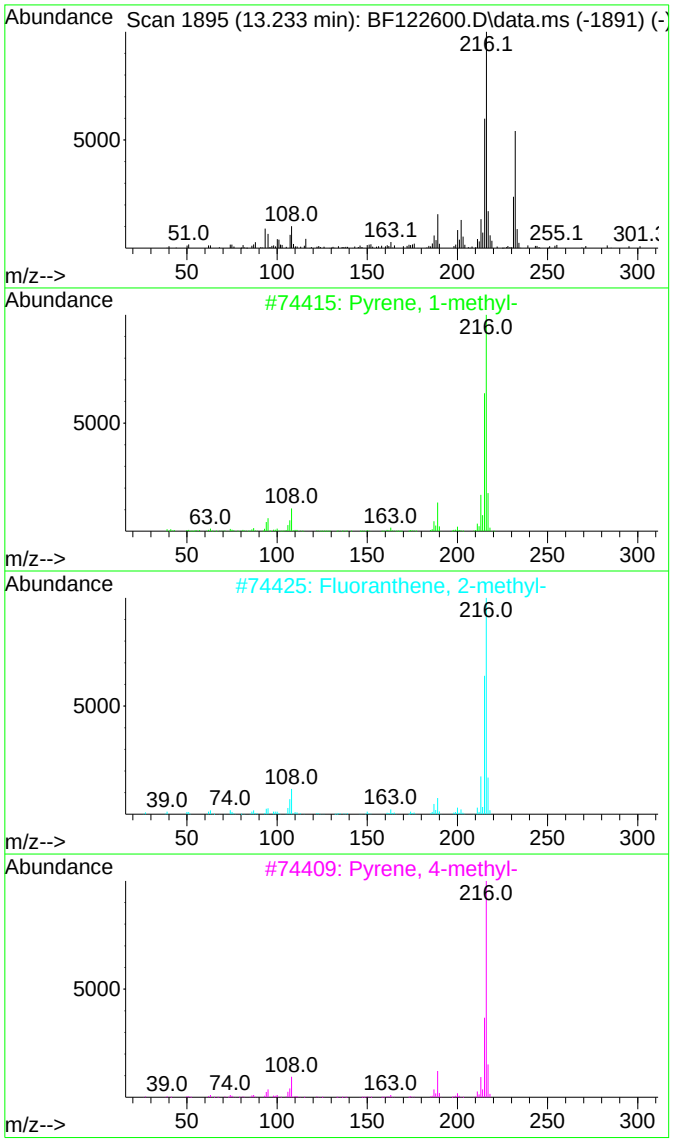
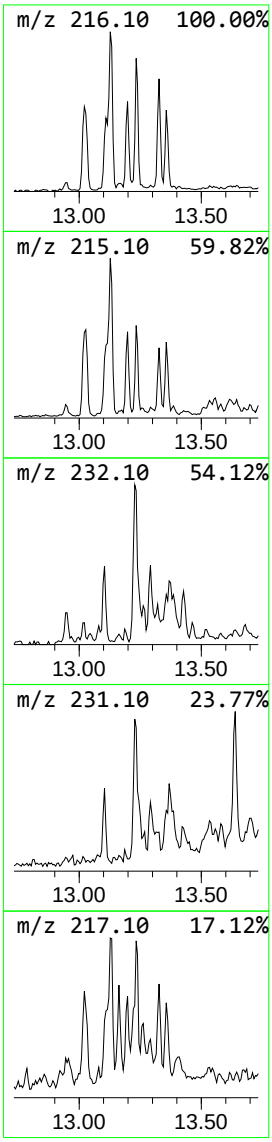
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	2.49 ng	235169	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60





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Sample : L4966-01
Misc :
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Instrument : BNA_F
ClientSampleId : 239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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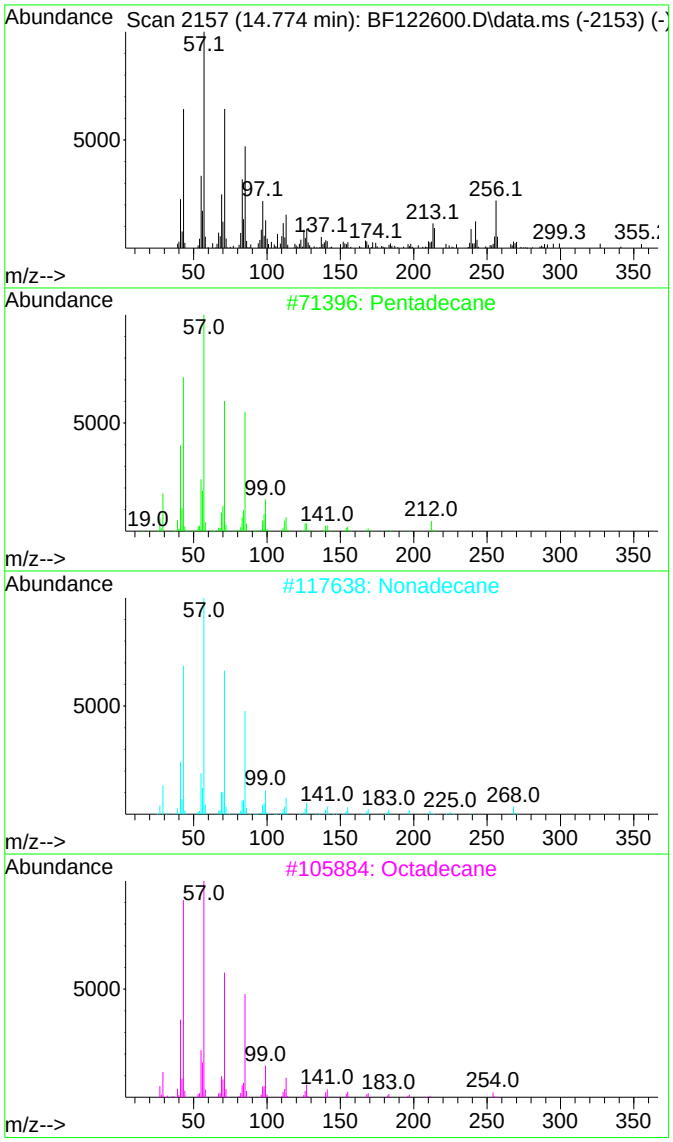
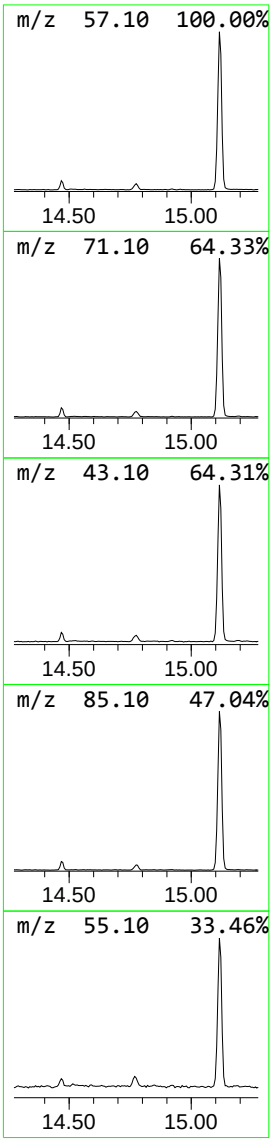
Peak Number 13 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.774	3.03 ng	186862	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Octadecane	254	C18H38	000593-45-3	70
4	Tritetracontane	605	C43H88	007098-21-7	62
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	62





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Instrument : BNA_F
ClientSampleId : 239995

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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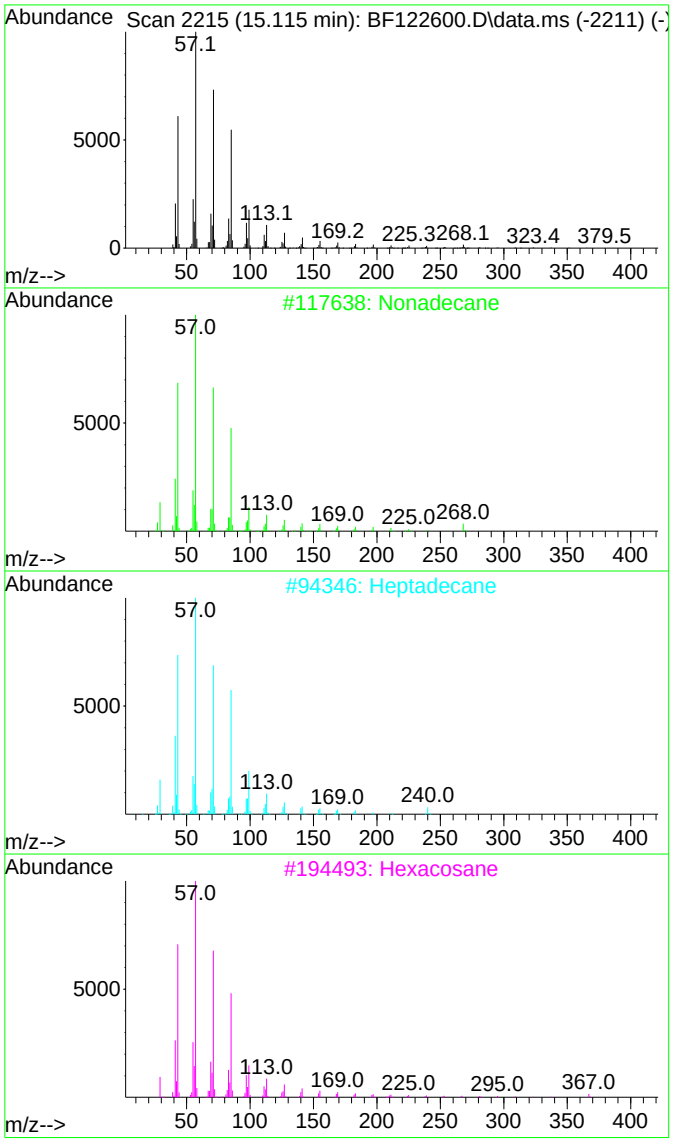
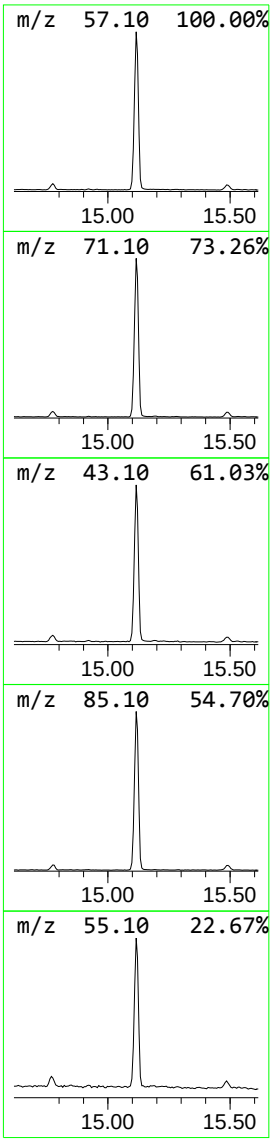
Peak Number 14 Hexacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	47.01 ng	2896430	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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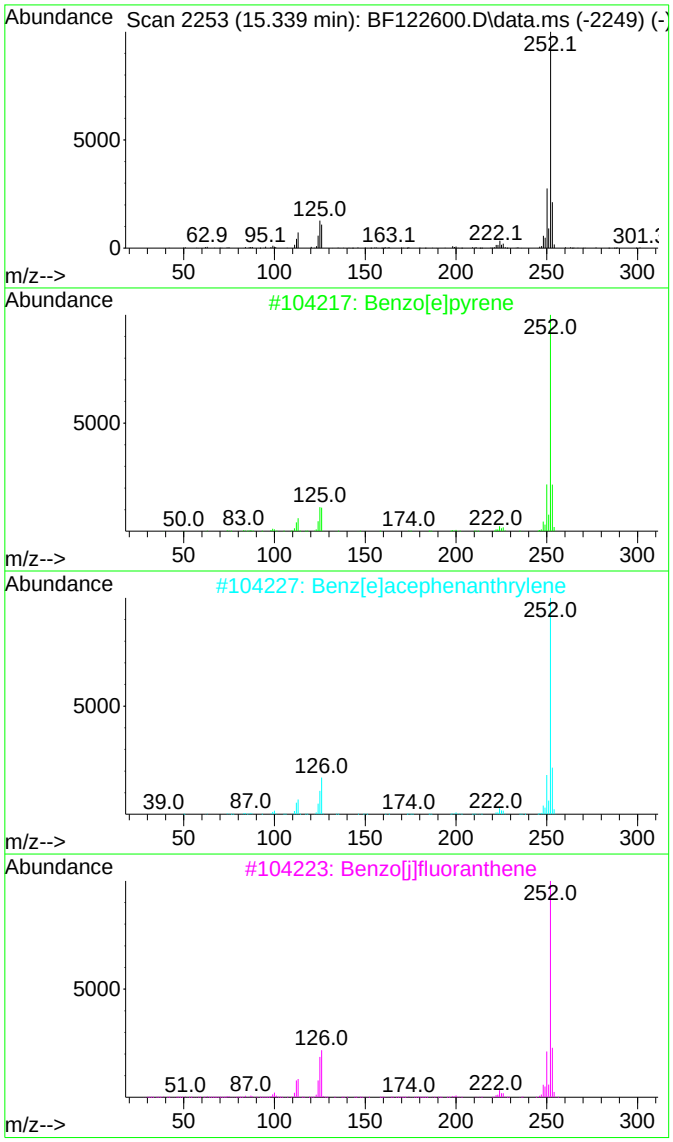
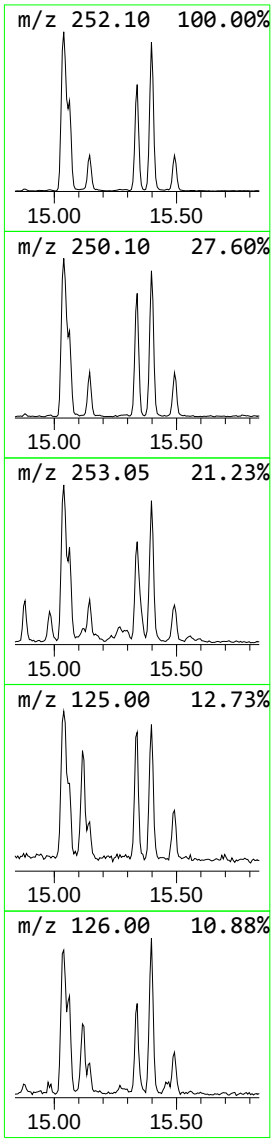
Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	6.28 ng	386723	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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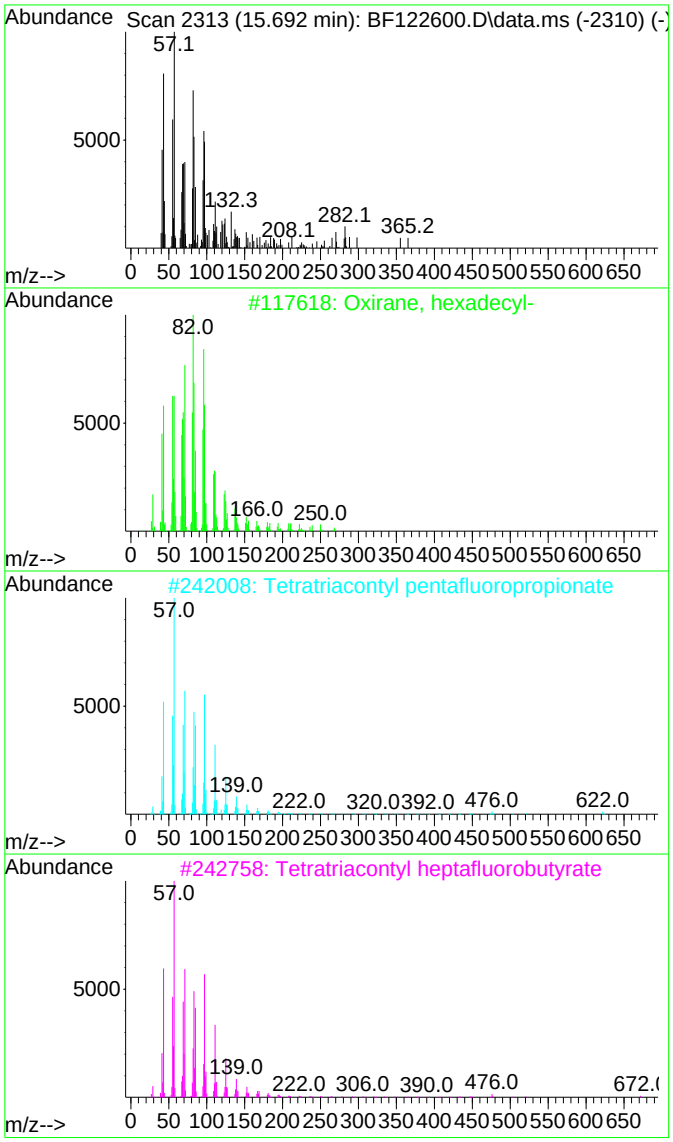
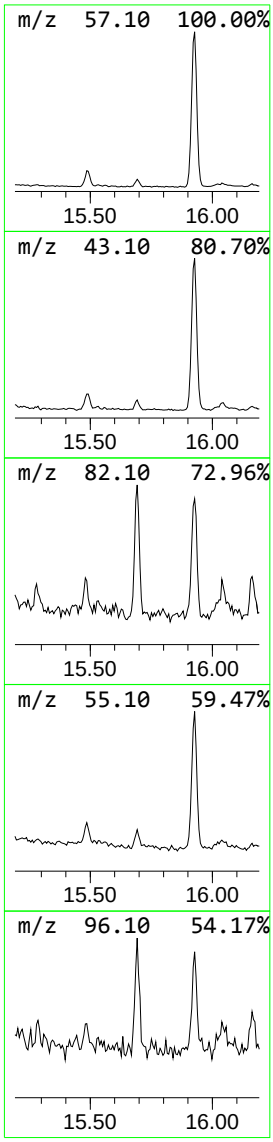
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.692	2.17 ng	133591	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	80
2	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	43
3	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	43
4	E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	38
5	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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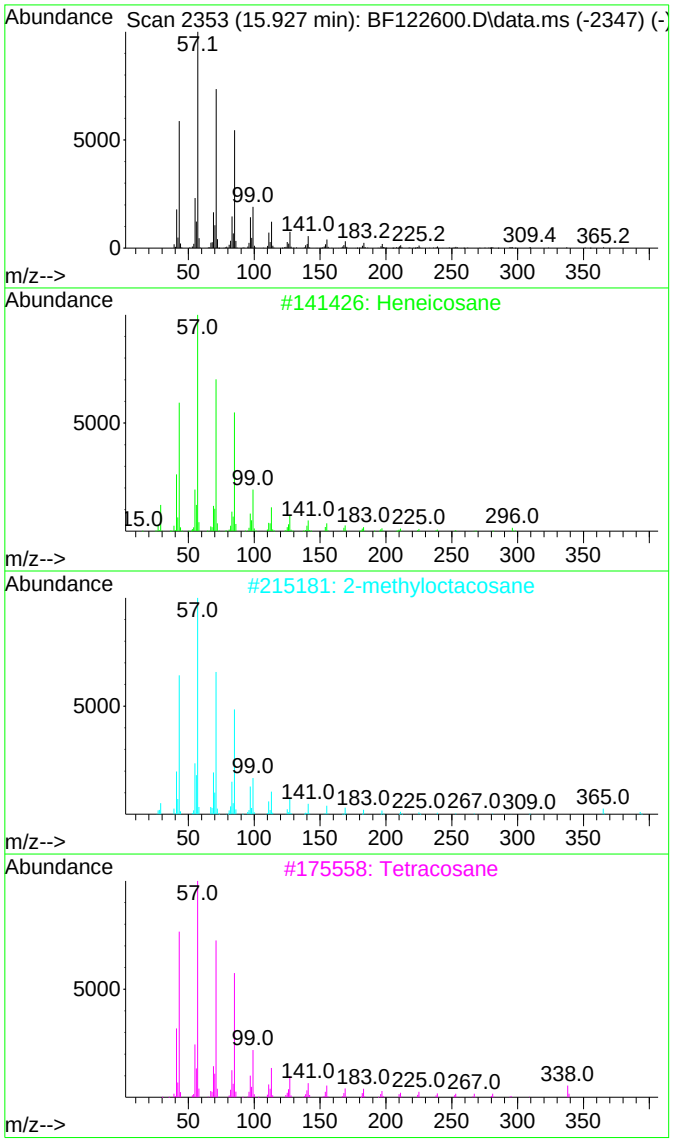
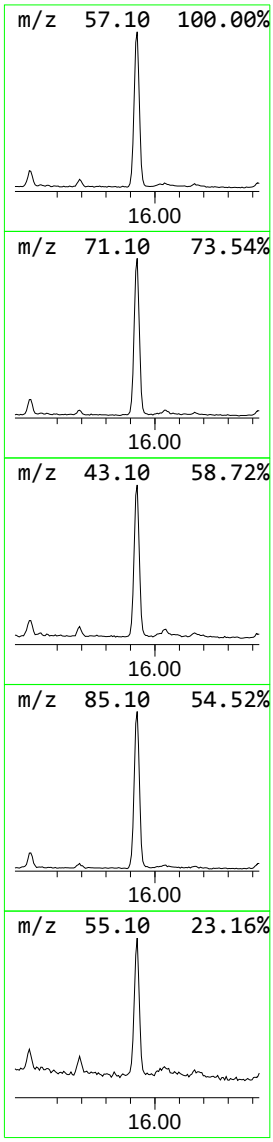
Peak Number 17 2-methyloctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.927	18.62 ng	1147090	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Instrument : BNA_F
ClientSampleId : 239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

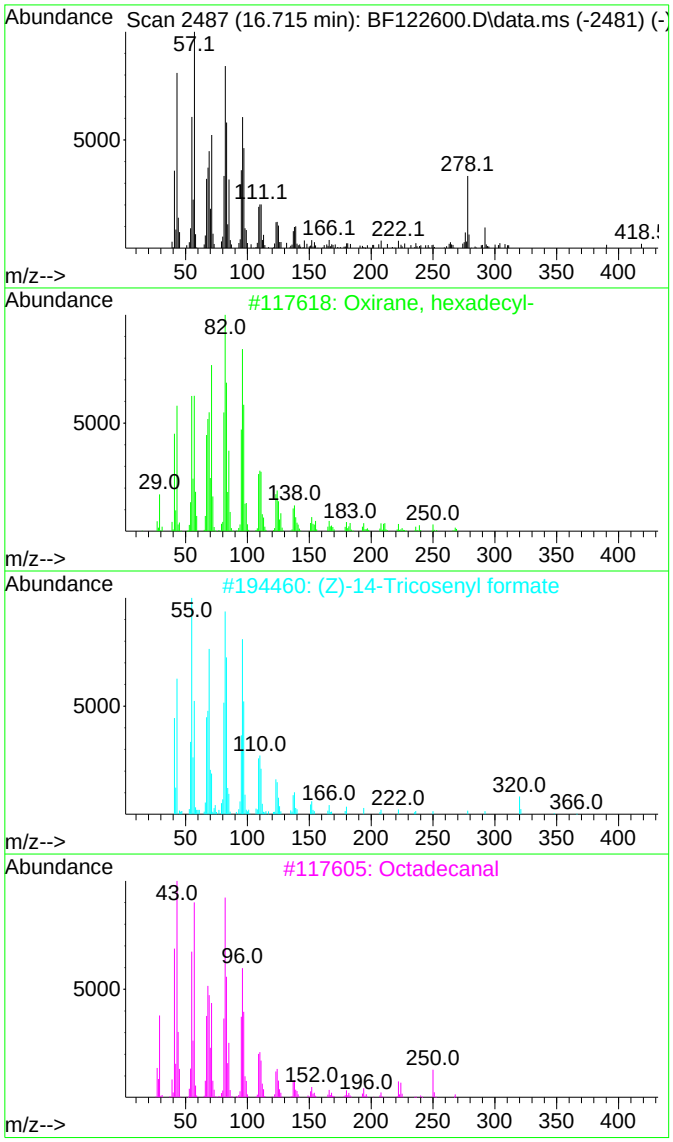
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

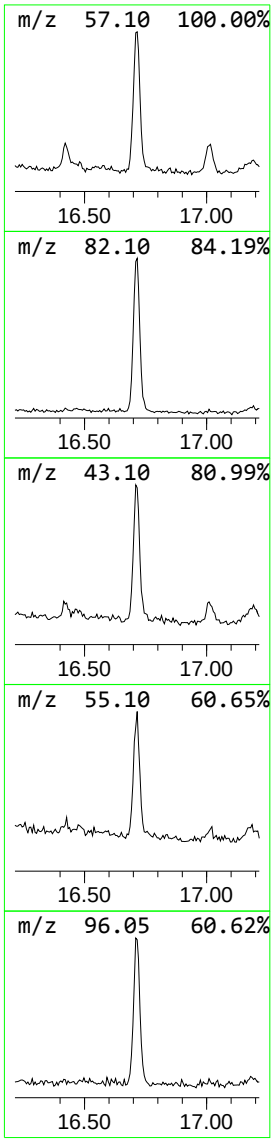
****

Peak Number 18 (Z)-14-Tricosenyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.715	9.99 ng	615697	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	87
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
5	E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

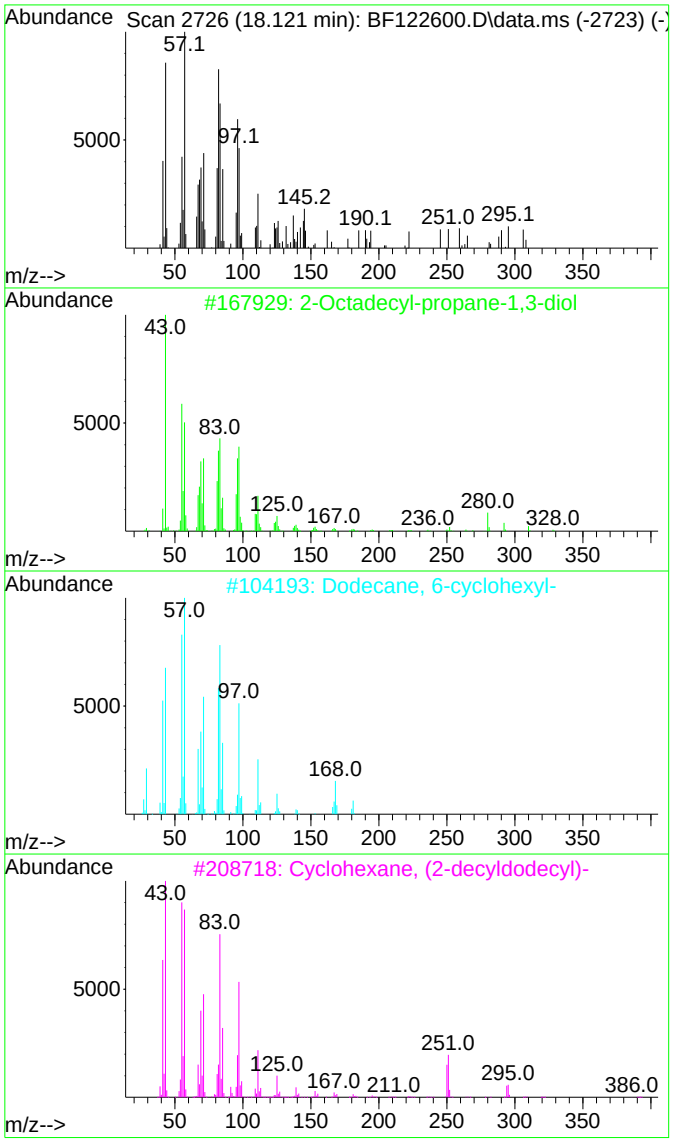
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

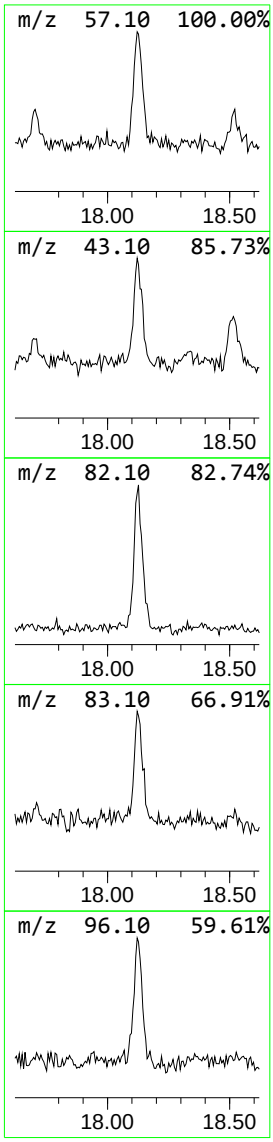
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Octadecyl-propane-1,3-diol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	3.04 ng	187464	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	59
2	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	50
3	Cyclohexane, (2-decyldodecyl)-	392	C28H56	006704-00-3	47
4	Behenic alcohol	326	C22H46O	000661-19-8	47
5	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239995

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.663	3.9	ng	187194	1	6.839	966160	20.0
Tetradecane	9.810	3.4	ng	273187	3	9.875	1606060	20.0
Hexadecane	10.310	4.3	ng	349157	3	9.875	1606060	20.0
Undecane	10.527	3.4	ng	270013	3	9.875	1606060	20.0
Eicosane	10.780	7.1	ng	561815	4	11.363	1580830	20.0
Heneicosane	11.227	5.7	ng	452730	4	11.363	1580830	20.0
Hexadecane, 2,6...	11.263	4.1	ng	323876	4	11.363	1580830	20.0
Tridecane, 6-pr...	11.657	5.0	ng	395802	4	11.363	1580830	20.0
Anthracene, 2-m...	11.892	2.6	ng	204235	4	11.363	1580830	20.0
Heptadecane	12.063	4.0	ng	316468	4	11.363	1580830	20.0
Pentadecane	12.451	4.0	ng	318307	4	11.363	1580830	20.0
Pyrene, 1-methyl-	13.233	2.5	ng	235169	5	13.998	1892320	20.0
Nonadecane	14.774	3.0	ng	186862	6	15.462	1232250	20.0
Hexacosane	15.115	47.0	ng	2896430	6	15.462	1232250	20.0
Benzo[e]pyrene	15.339	6.3	ng	386723	6	15.462	1232250	20.0
Oxirane, hexade...	15.692	2.2	ng	133591	6	15.462	1232250	20.0
2-methyloctacosane	15.927	18.6	ng	1147090	6	15.462	1232250	20.0
(Z)-14-Tricosen...	16.715	10.0	ng	615697	6	15.462	1232250	20.0
2-Octadecyl-pro...	18.121	3.0	ng	187464	6	15.462	1232250	20.0