LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	548	552	556	rBV	3053892	3142927	83.92%	4.410%
2	6.363	722	727	745	rBV	3233791	3545482	94.67%	4.975%
3	6.498	745	750	753	rBV	3802177	3437335	91.78%	4.823%
4	6.728	785	789	793	rBV	949288	772878	20.64%	1.084%
5	6.887	812	816	819	rBV	2911562	2479326	66.20%	3.479%
6	7.287	879	884	887	rBV	2204990	2078973	55.51%	2.917%
7	8.010	1003	1007	1014	rBV	948739	935921	24.99%	1.313%
8	9.086	1186	1190	1201	rBV	3362662	3101187	82.81%	4.352%
9	9.481	1253	1257	1264	rVB	225991	229995	6.14%	0.323%
10	9.622	1278	1281	1285	rVB	58497	52636	1.41%	0.074%
11	9.763	1301	1305	1308	rBV	1255108	1204327	32.16%	1.690%
12	9.792	1308	1310	1316	rVB	52566	50674	1.35%	0.071%
13	9.975	1337	1341	1344	rBV2	55365	69754	1.86%	0.098%
14	10.304	1395	1397	1404	rVB	49450	49596	1.32%	0.070%
15	10.545	1433	1438	1453	rBV	3063913	3008213	80.32%	4.221%
16	10.851	1484	1490	1493	rBV3	36643	51971	1.39%	0.073%
17	10.928	1497	1503	1506	rBV4	63196	88764	2.37%	0.125%
18	11.092	1527	1531	1534	rBV2	37893	54370	1.45%	0.076%
19	11.239	1552	1556	1558	rBV	1578659	1563587	41.75%	2.194%
20	11.257	1558	1559	1565	rVV	701170	612522	16.36%	0.859%
21	11.310	1565	1568	1572	rVB	224108	216664	5.79%	0.304%
22	11.469	1589	1595	1597	rBV2	37200	45957	1.23%	0.064%
23	11.533	1603	1606	1609	rBV2	38231	48800	1.30%	0.068%
24	11.569	1609	1612	1618	rVB3	48059	59420	1.59%	0.083%
25	11.710	1631	1636	1637	rBV4	26706	40478	1.08%	0.057%
26	11.739	1637	1641	1643	rVV	196356	189946	5.07%	0.267%
27	11.786	1643	1649	1656	rVV2	2066383	2683978	71.67%	3.766%
28	11.845	1656	1659	1662	rVV	355451	438272	11.70%	0.615%
29	11.869	1662	1663	1669	rVB	148632	131443	3.51%	0.184%
30	12.033	1688	1691	1693	rBV	140487	127930	3.42%	0.180%
31	12.051	1693	1694	1698	rVB2	87402	73728	1.97%	0.103%
32	12.163	1710	1713	1715	rBV	76943	75810	2.02%	0.106%
33	12.210	1719	1721	1723	rVV	54035	44201	1.18%	0.062%
34	12.233	1723	1725	1728	rVB2	50702	46423	1.24%	0.065%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.286	1730	1734	1737	rVV	136682	146480	3.91%	0.206%
36	12.322	1737	1740	1742	rVV	94814	110142	2.94%	0.155%
37	12.339	1742	1743	1745	rVV2	77366	45892	1.23%	0.064%
38	12.369	1745	1748	1753	rVB3	109402	142807	3.81%	0.200%
39	12.445	1757	1761	1764	rBV	2258021	2034366	54.32%	2.855%
40	12.480	1766	1767	1774	rVV4	119222	231942	6.19%	0.325%
41	12.563	1778	1781	1794	rVV2	1713577	2130323	56.88%	2.989%
42	12.669	1794	1799	1803	rVV2	1865688	2133356	56.96%	2.993%
43	12.722	1806	1808	1814	rVB2	138720	173038	4.62%	0.243%
44	12.792	1816	1820	1821	rBV	144893	133274	3.56%	0.187%
45	12.822	1821	1825	1828	rVV	3948488	3745129	100.00%	5.255%
46	12.892	1832	1837	1840	rBV3	162317	261164	6.97%	0.366%
47	12.974	1848	1851	1853	rBV3	139599	170197	4.54%	0.239%
48	12.998	1853	1855	1858	rVB	438027	357838	9.55%	0.502%
49	13.063	1863	1866	1869	rBV	420613	347047	9.27%	0.487%
50	13.098	1869	1872	1875	rVV	247806	266084	7.10%	0.373%
51	13.127	1875	1877	1880	rVB	57678	60153	1.61%	0.084%
52	13.157	1880	1882	1885	rBV	54306	53014	1.42%	0.074%
53	13.192	1885	1888	1891	rVB	125604	104657	2.79%	0.147%
54	13.222	1891	1893	1898	rBV2	128657	135089	3.61%	0.190%
55	13.304	1900	1907	1912	rVB6	81455	181695	4.85%	0.255%
56	13.374	1916	1919	1921	rBV3	91241	104842	2.80%	0.147%
57	13.404	1921	1924	1930	rVB2	292659	312332	8.34%	0.438%
58	13.504	1934	1941	1946	rBV2	143879	248791	6.64%	0.349%
59	13.610	1955	1959	1962	rBV2	189599	251373	6.71%	0.353%
60	13.639	1962	1964	1966	rVV	212472	193632	5.17%	0.272%
61	13.663	1966	1968	1973	rVV2	159618	220517	5.89%	0.309%
62	13.727	1976	1979	1985	rVB	692362	690818	18.45%	0.969%
63	13.863	1994	2002	2005	rBV2	2066849	3096496	82.68%	4.345%
64	13.886	2005	2006	2012	rVV	1049269	831357	22.20%	1.167%
65	13.969	2015	2020	2022	rVV2	181032	203237	5.43%	0.285%
66	14.004	2023	2026	2029	rVV	114981	147870	3.95%	0.207%
67	14.045	2029	2033	2036	rVV	1393326	1235463	32.99%	1.734%
68	14.086	2036	2040	2043	rVV2	87847	141904	3.79%	0.199%
69	14.121	2043	2046	2048	rVB2	47749	48239	1.29%	0.068%
70	14.216	2059	2062	2063	rBV	64629	62715	1.67%	0.088%
71	14.245	2063	2067	2070	rVV2	227509	279337	7.46%	0.392%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.280	2070	2073	2077	rVB2	131915	135559	3.62%	0.190%
73	14.351	2081	2085	2088	rVV	1904882	1972843	52.68%	2.768%
74	14.392	2090	2092	2095	rVB2	133380	125171	3.34%	0.176%
75	14.539	2114	2117	2120	rBV3	60535	99801	2.66%	0.140%
76	14.645	2130	2135	2142	rVB	2451822	2397133	64.01%	3.364%
77	14.716	2143	2147	2154	rVV4	90604	163029	4.35%	0.229%
78	14.780	2155	2158	2162	rVB3	55009	73503	1.96%	0.103%
79	14.868	2169	2173	2183	rVB	740701	1460269	38.99%	2.049%
80	14.963	2184	2189	2196	rVV2	2267957	2625709	70.11%	3.684%
81	15.151	2217	2221	2227	rBV	383636	530439	14.16%	0.744%
82	15.210	2227	2231	2236	rVB	662587	799377	21.34%	1.122%
83	15.268	2236	2241	2244	rBV	1049821	1279650	34.17%	1.796%
84	15.316	2244	2249	2255	rVB2	1893829	2531526	67.60%	3.552%
85	15.563	2288	2291	2294	rVB2	83132	105852	2.83%	0.149%
86	15.610	2296	2299	2305	rVB3	81889	117592	3.14%	0.165%
87	15.721	2312	2318	2323	rBV	1274657	1893134	50.55%	2.656%
88	16.186	2390	2397	2407	rBV	653352	1194323	31.89%	1.676%
89	16.451	2436	2442	2444	rBV2	61827	120003	3.20%	0.168%
90	16.621	2466	2471	2480	rVB2	274873	533769	14.25%	0.749%
91	16.733	2484	2490	2495	rBV	161899	308793	8.25%	0.433%
92	16.798	2495	2501	2507	rBV3	125670	306749	8.19%	0.430%
93	17.027	2534	2540	2552	rBV	188627	406352	10.85%	0.570%
94	17.186	2563	2567	2573	rVB8	67915	127704	3.41%	0.179%
95	17.374	2595	2599	2608	rVB4	75839	172538	4.61%	0.242%

Sum of corrected areas: 71266916

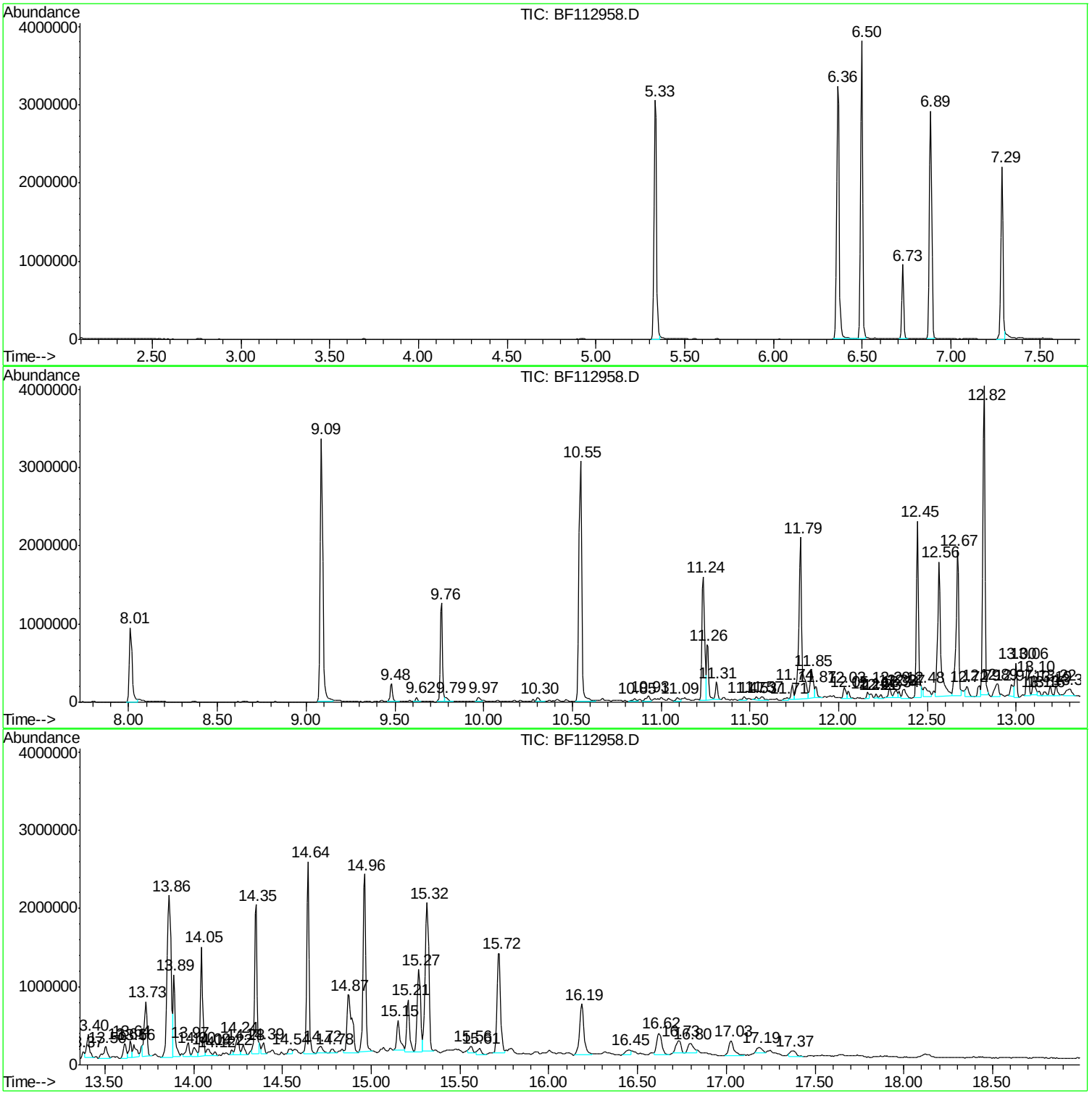
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

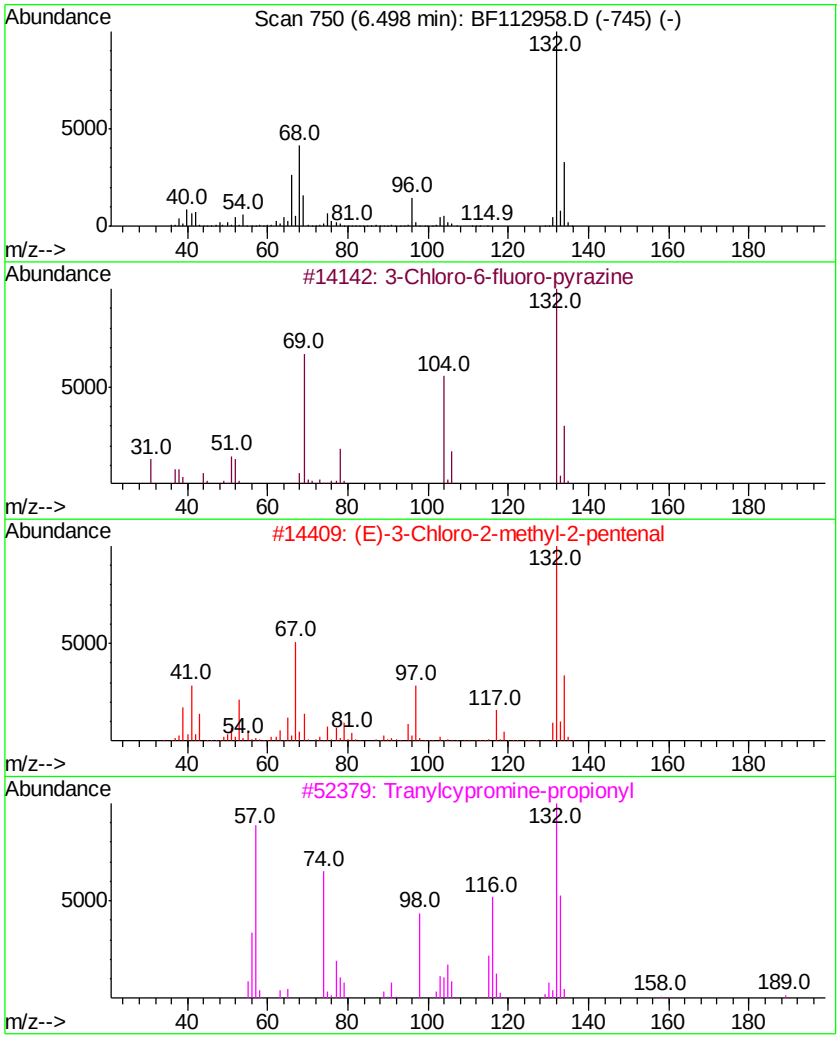
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

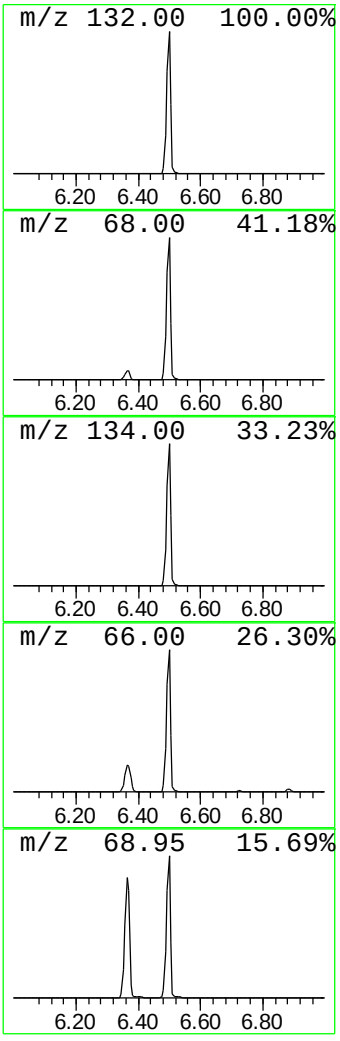
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	88.95 ng	3437340	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

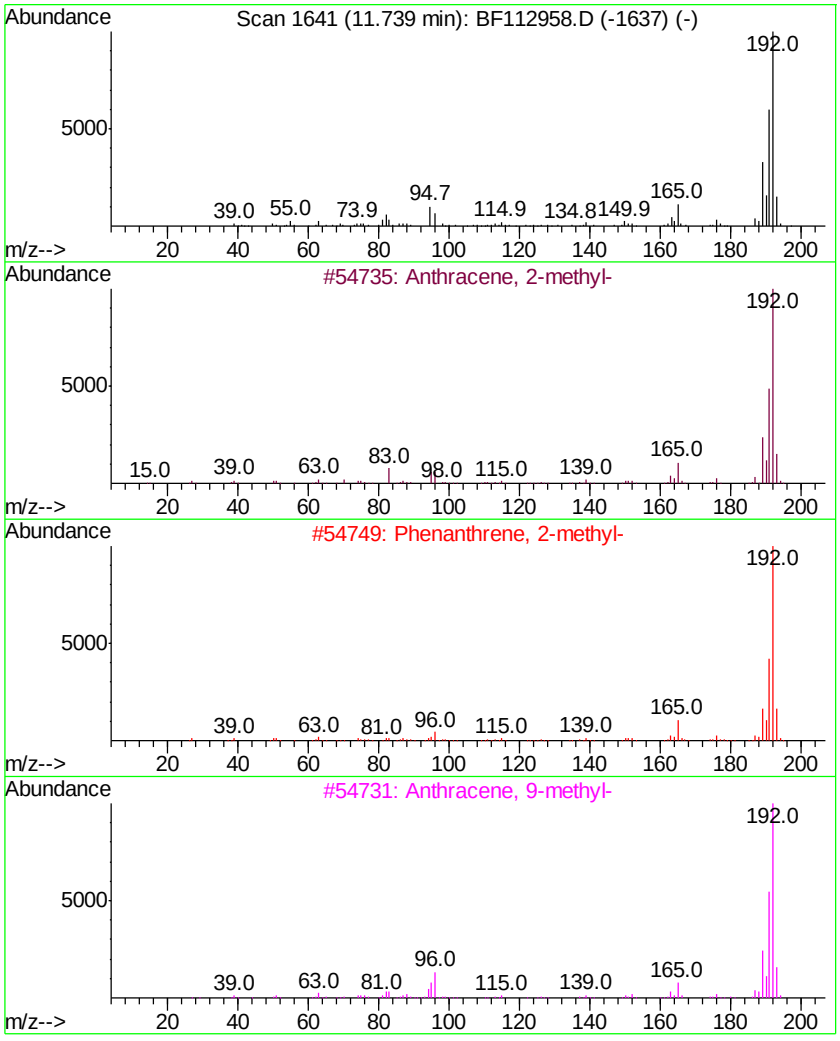
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

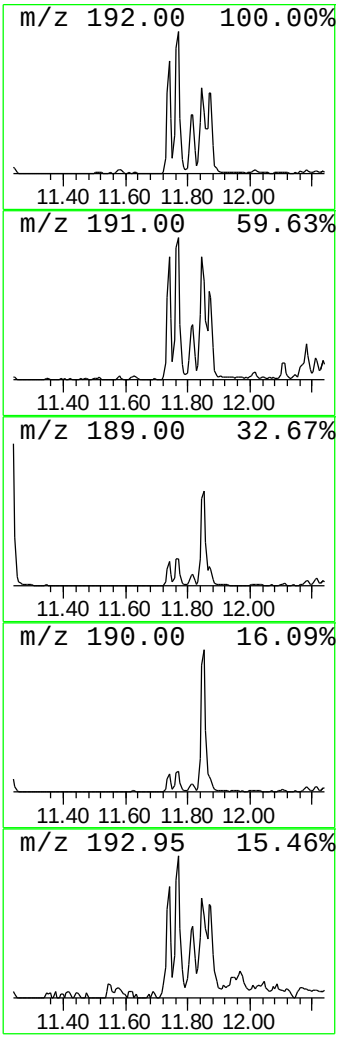
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.43 ng	189946	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
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Misc :
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Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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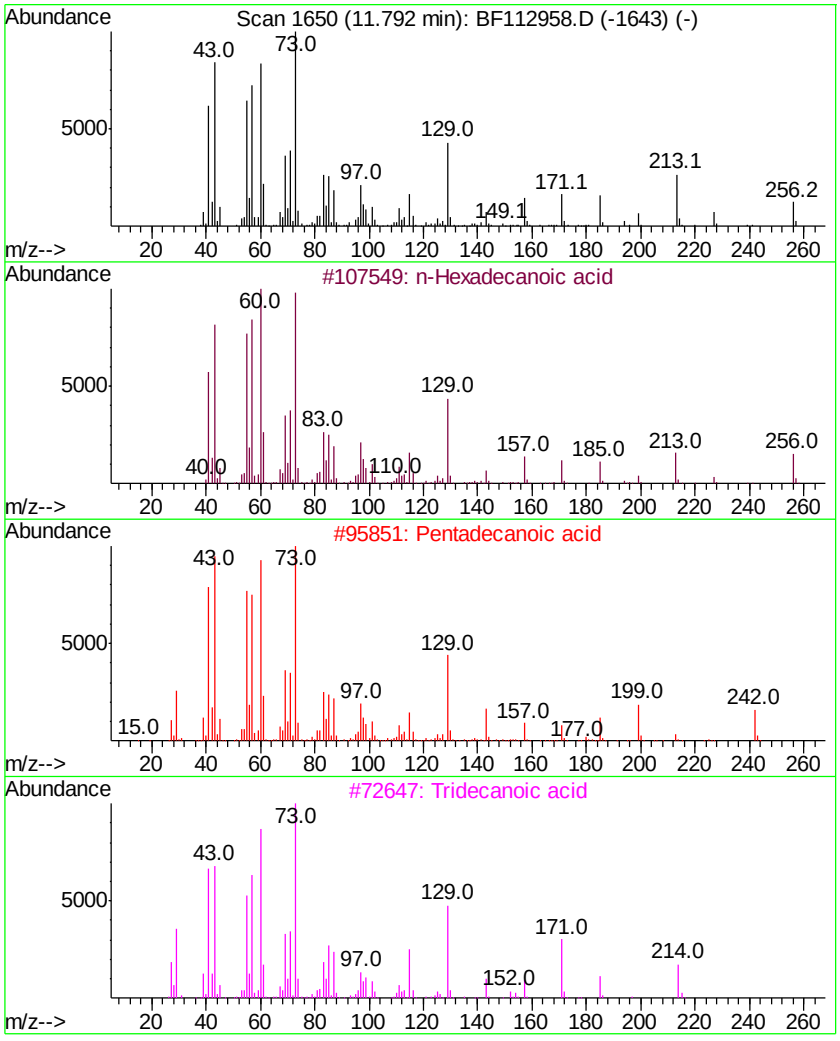
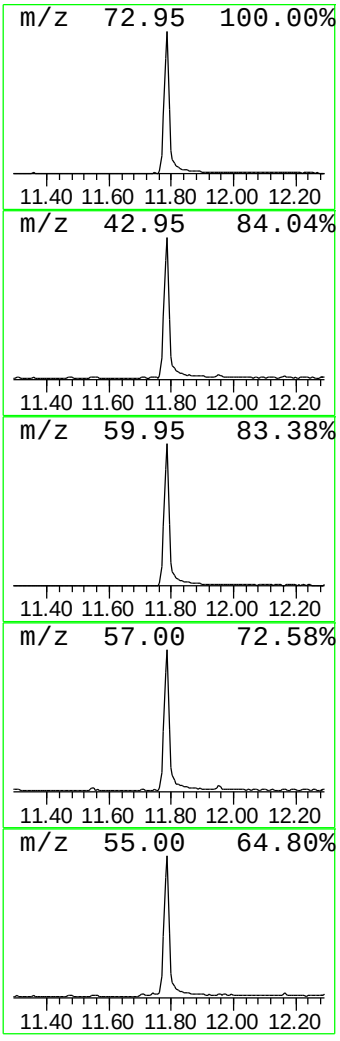
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	34.33 ng	2683980	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Library Search Compound Report

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Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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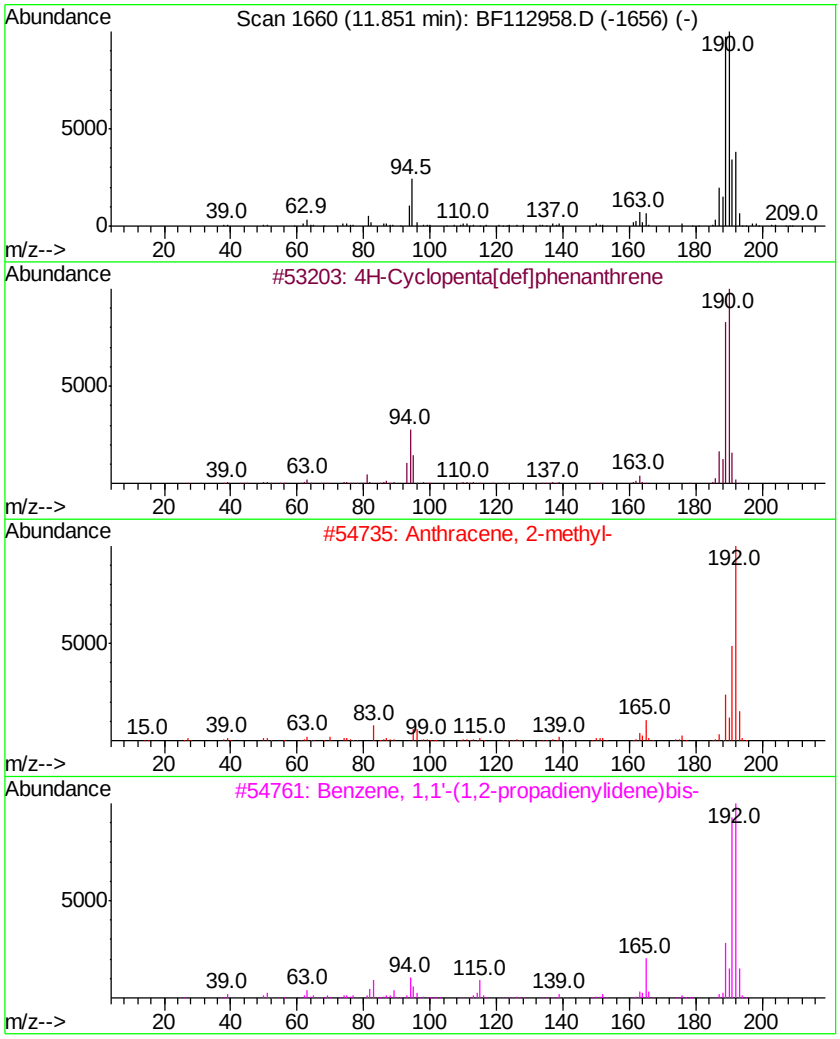
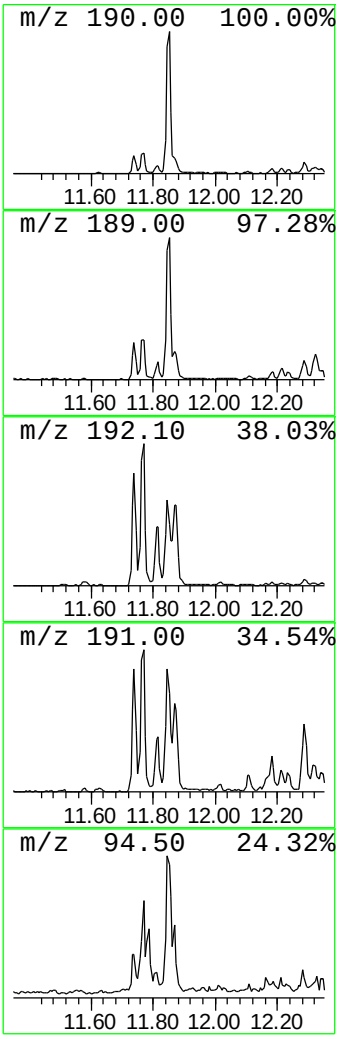
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.61 ng	438272	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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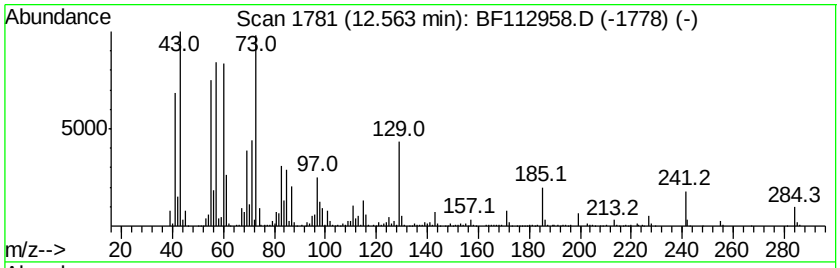
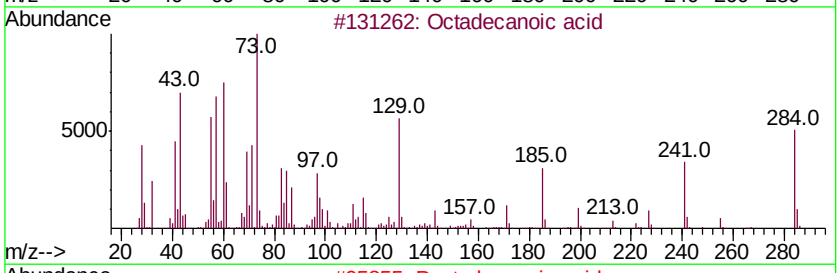
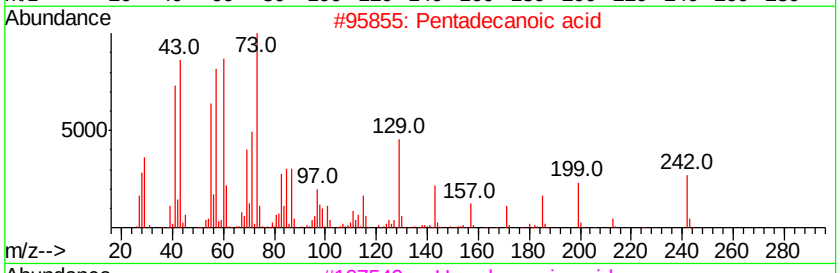
Peak Number 6 Octadecanoic acid Concentration Rank 8

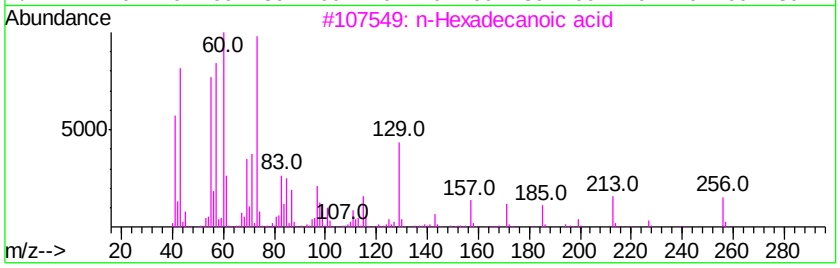
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	13.76 ng	2130320	Chrysene-d12	13.86

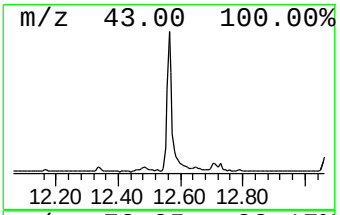
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76

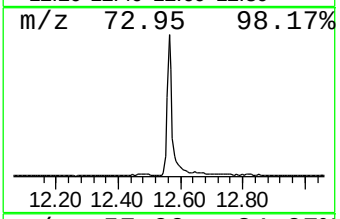


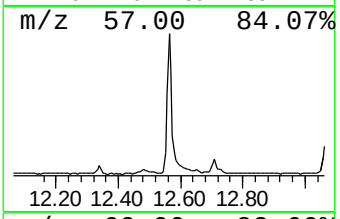


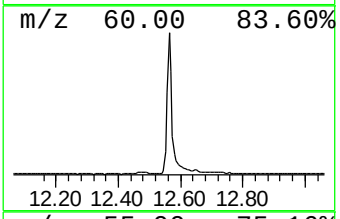


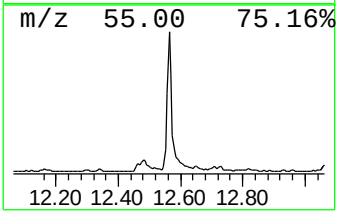












Library Search Compound Report

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Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

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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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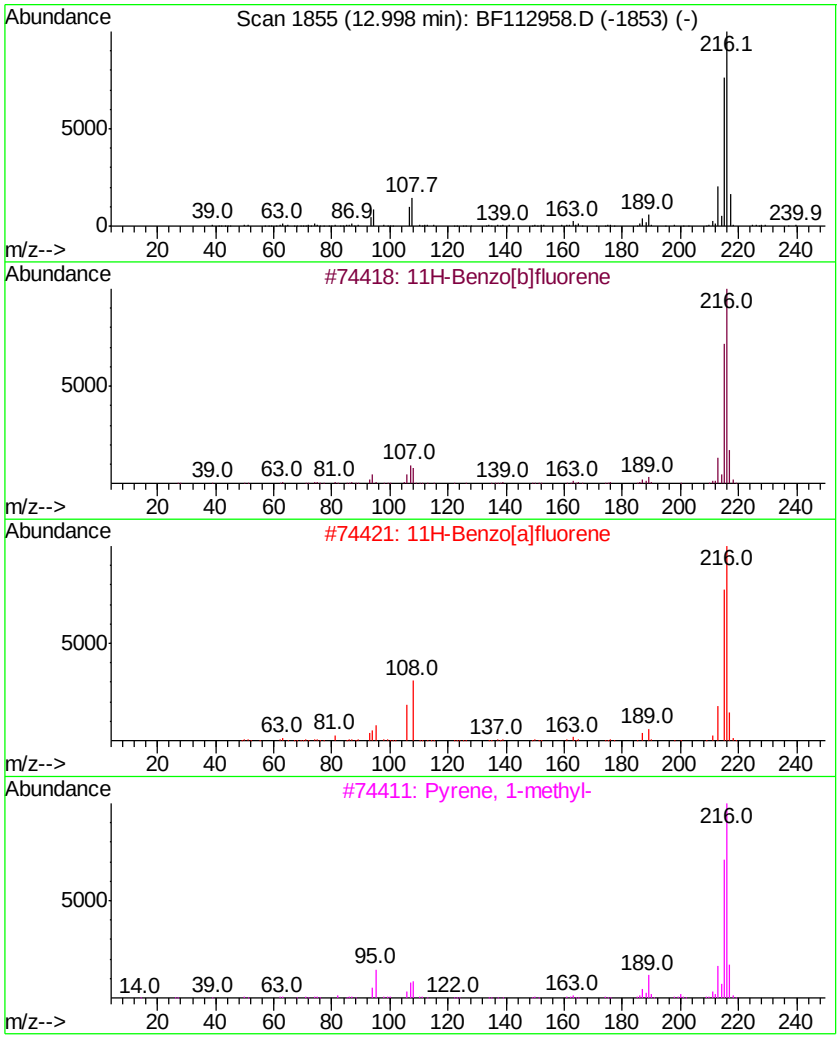
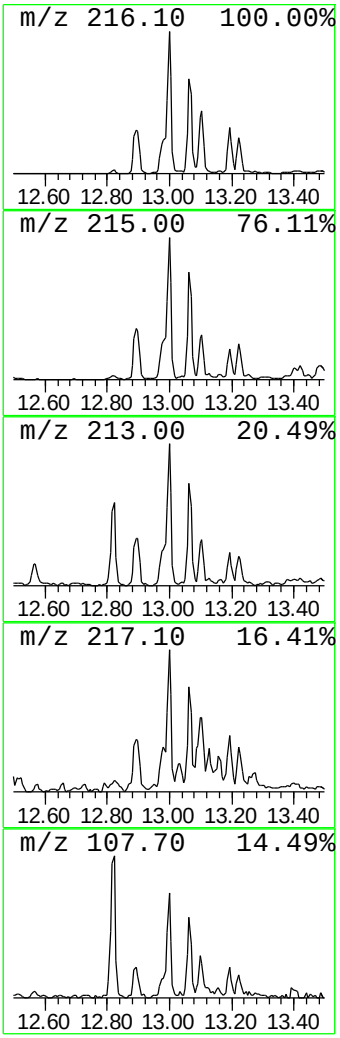
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.31 ng	357838	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

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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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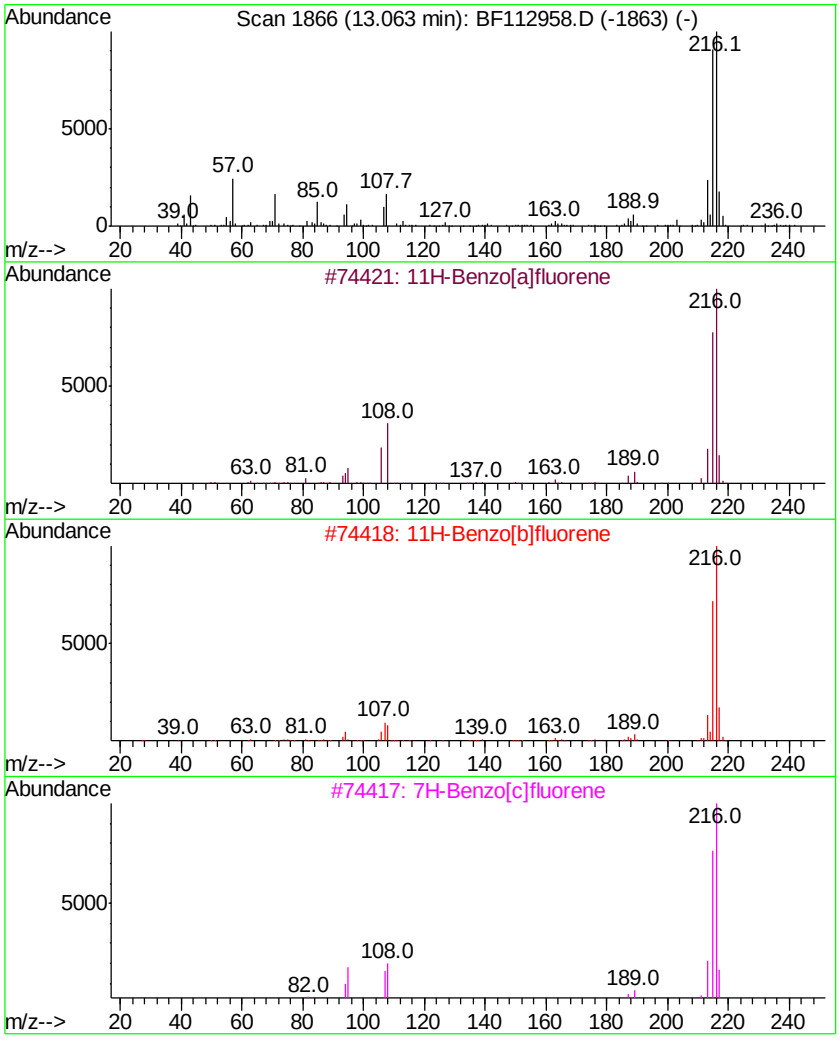
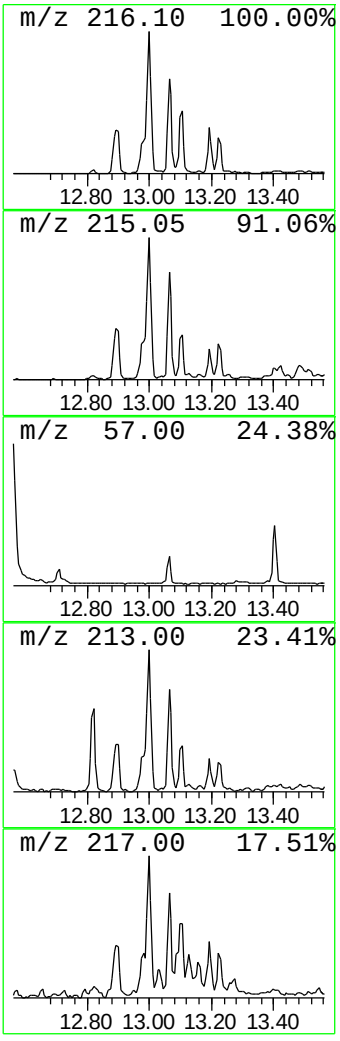
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.24 ng	347047	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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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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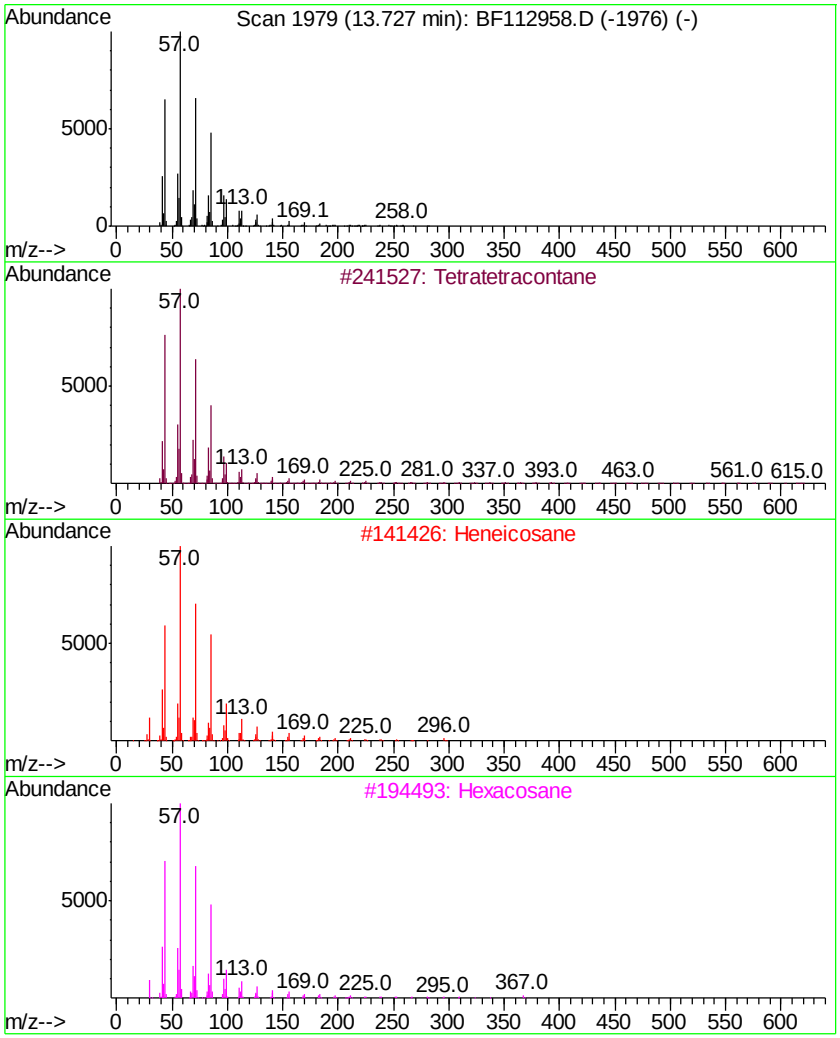
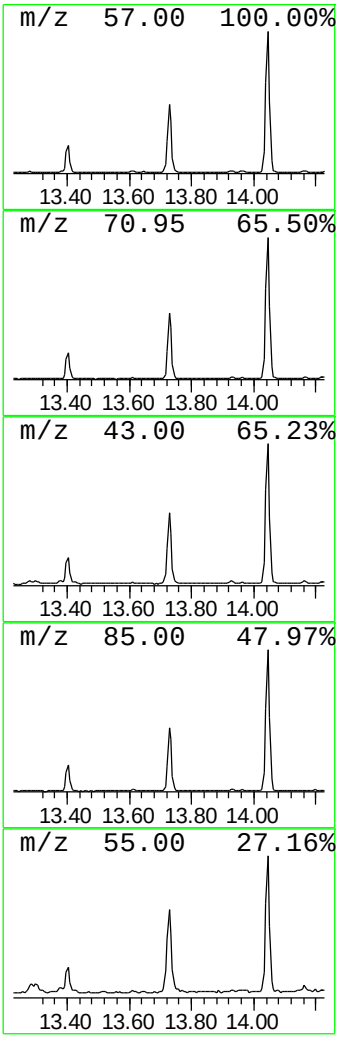
Peak Number 9 Tetratetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.46 ng	690818	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Octacosane	394	C28H58	000630-02-4	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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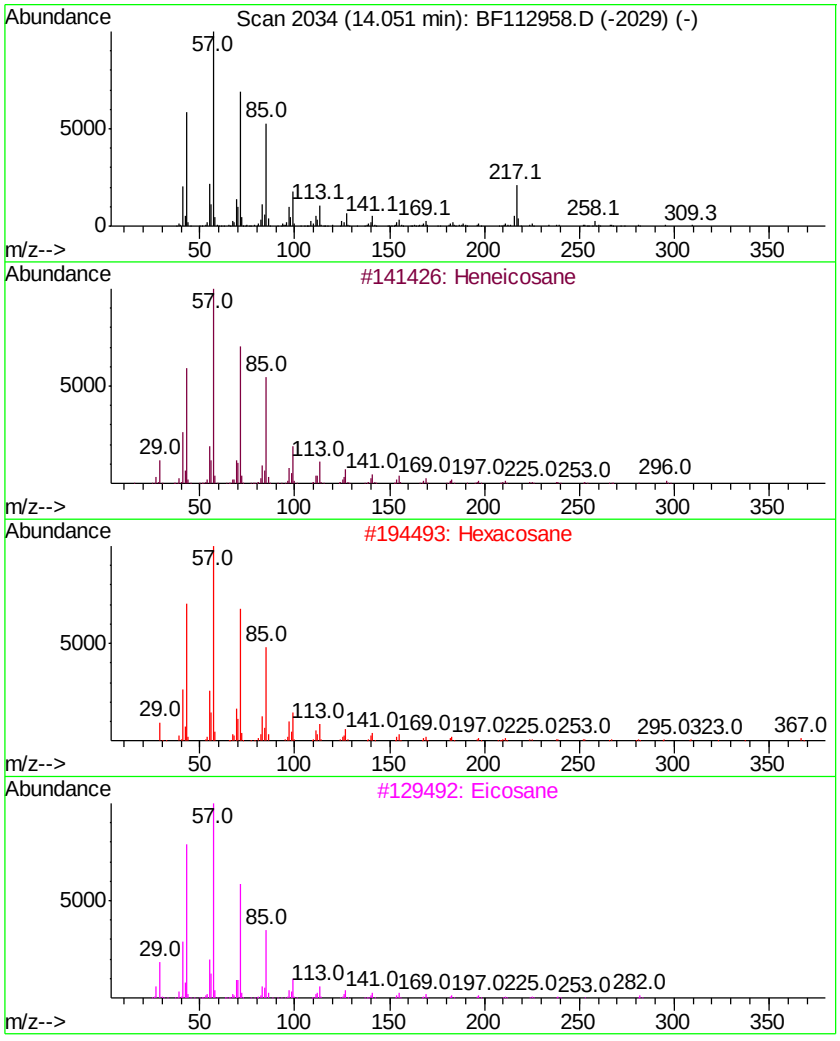
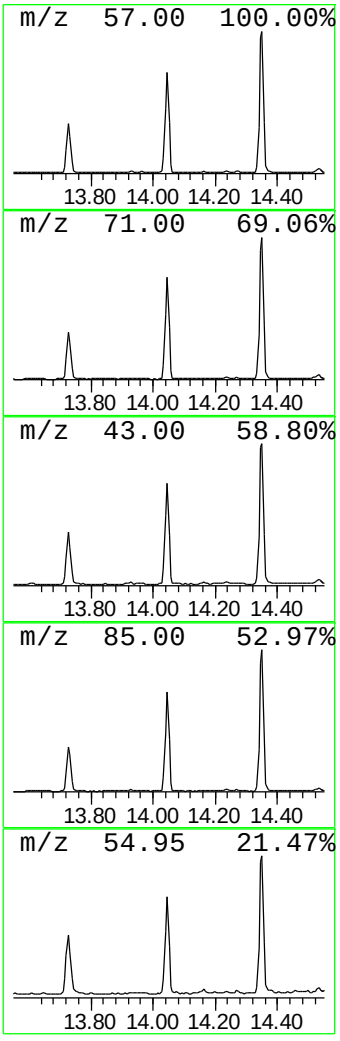
Peak Number 10 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	7.98 ng	1235460	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Triacontane	422	C30H62	000638-68-6	86





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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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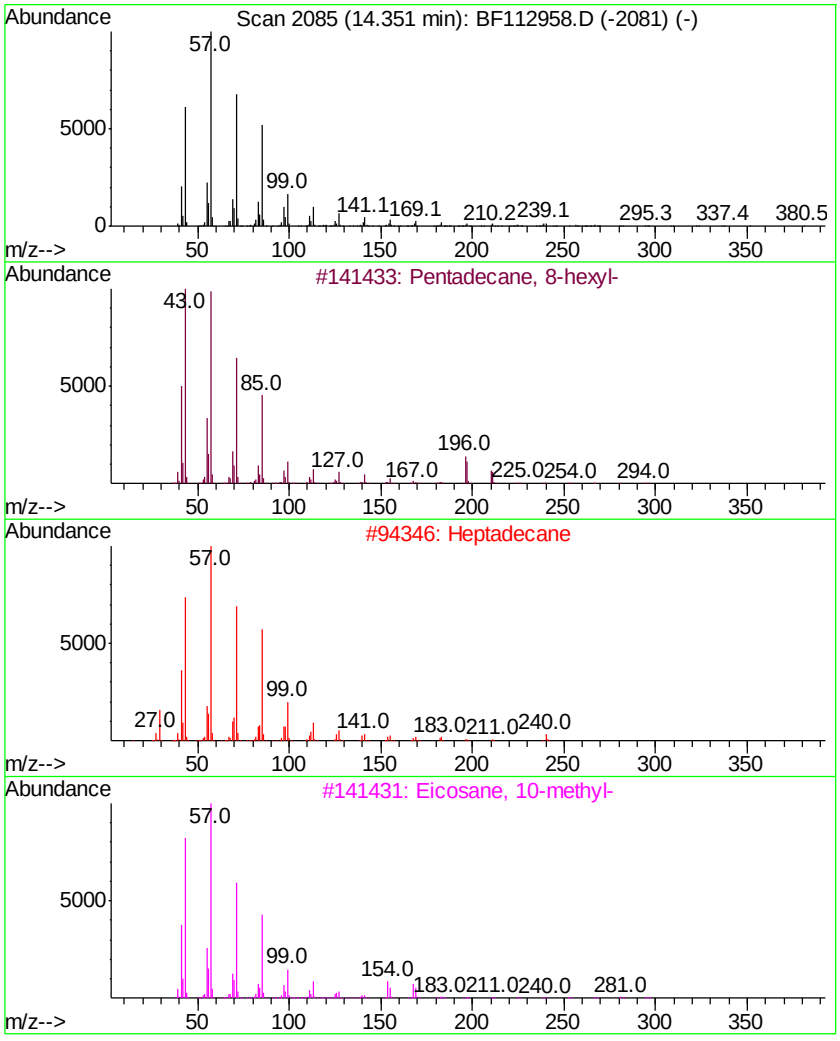
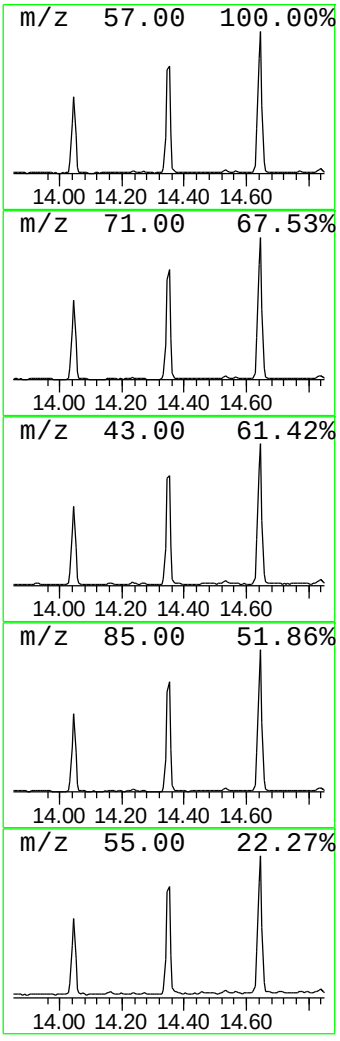
Peak Number 11 Pentadecane, 8-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	12.74 ng	1972840	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K1785-02
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
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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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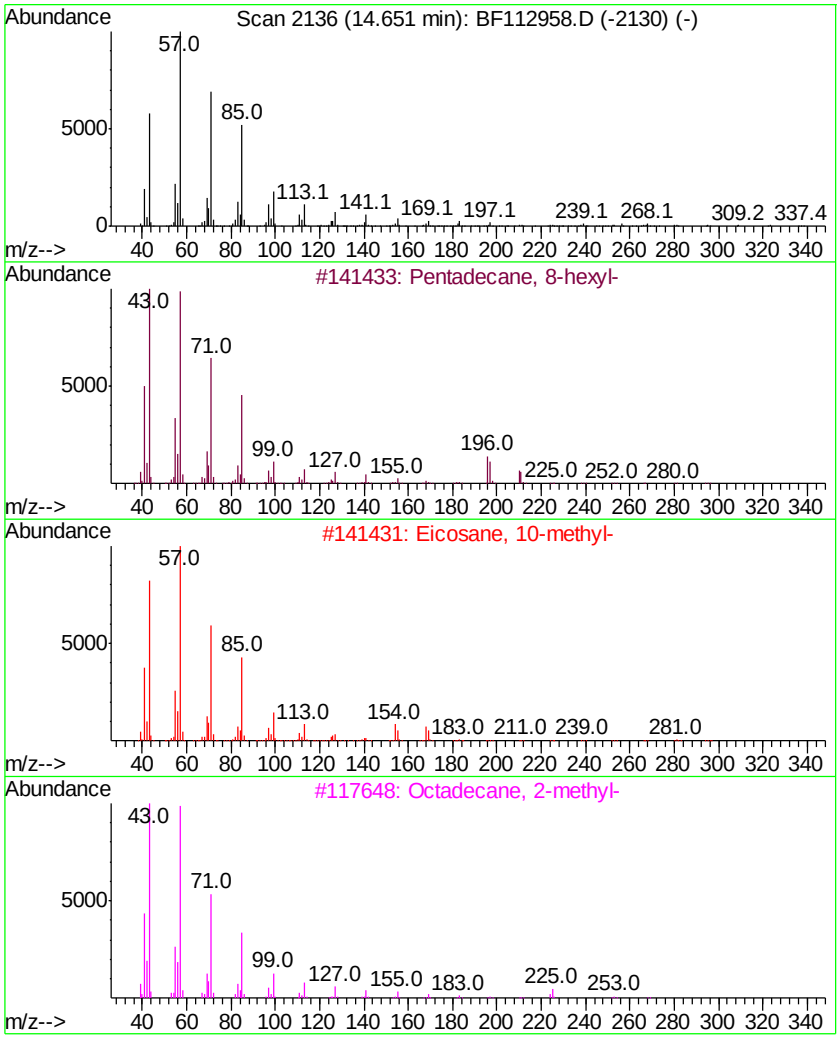
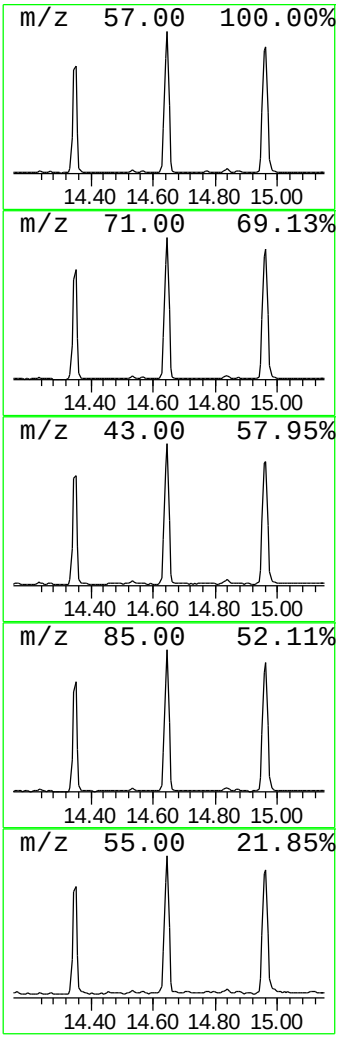
Peak Number 12 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	37.47 ng	2397130	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : K1785-02
Misc :
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Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

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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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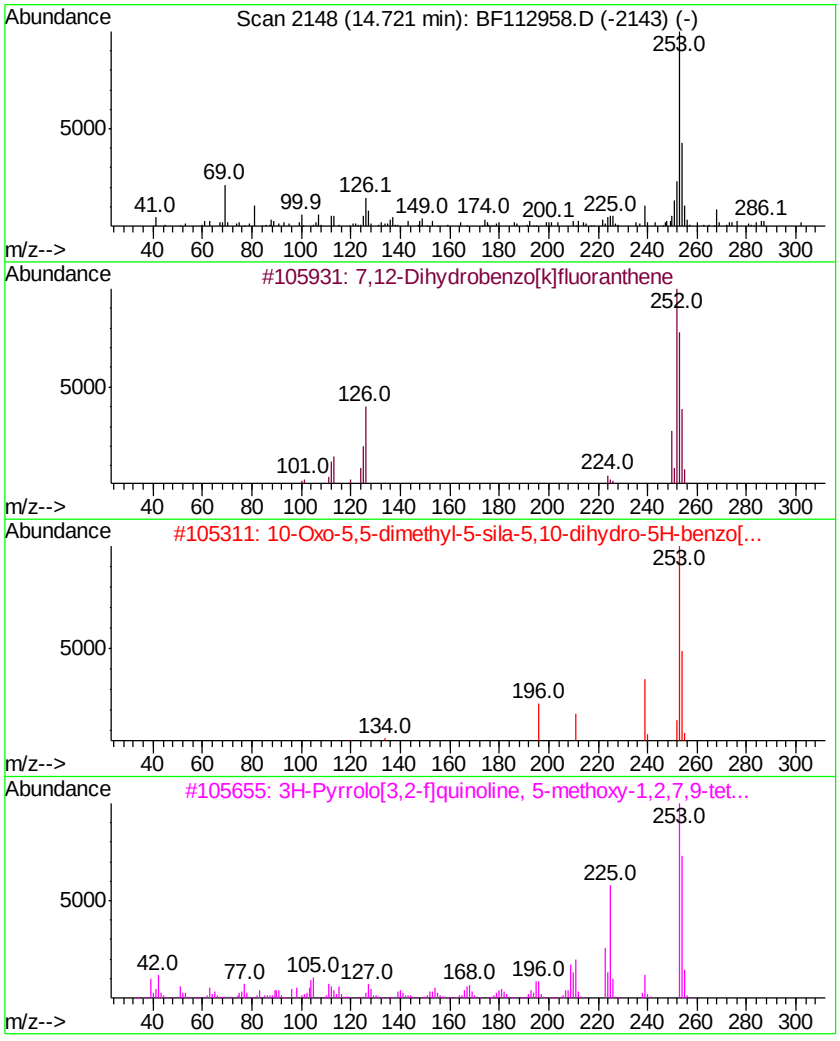
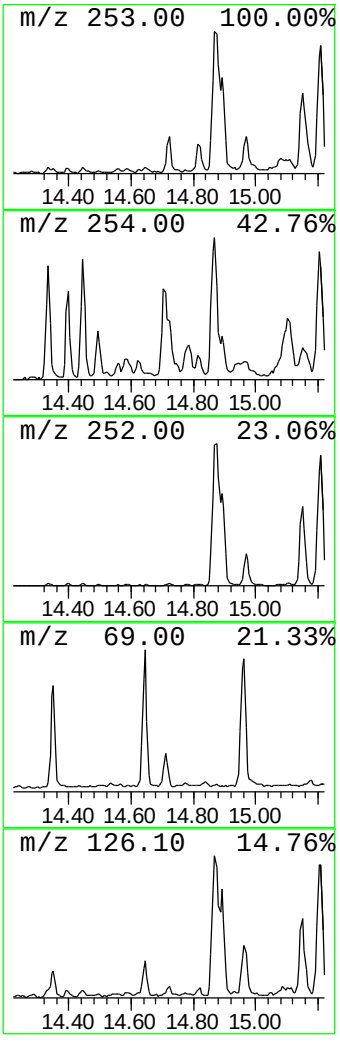
Peak Number 13 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.55 ng	163029	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	53
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	43
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	43
5	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	38





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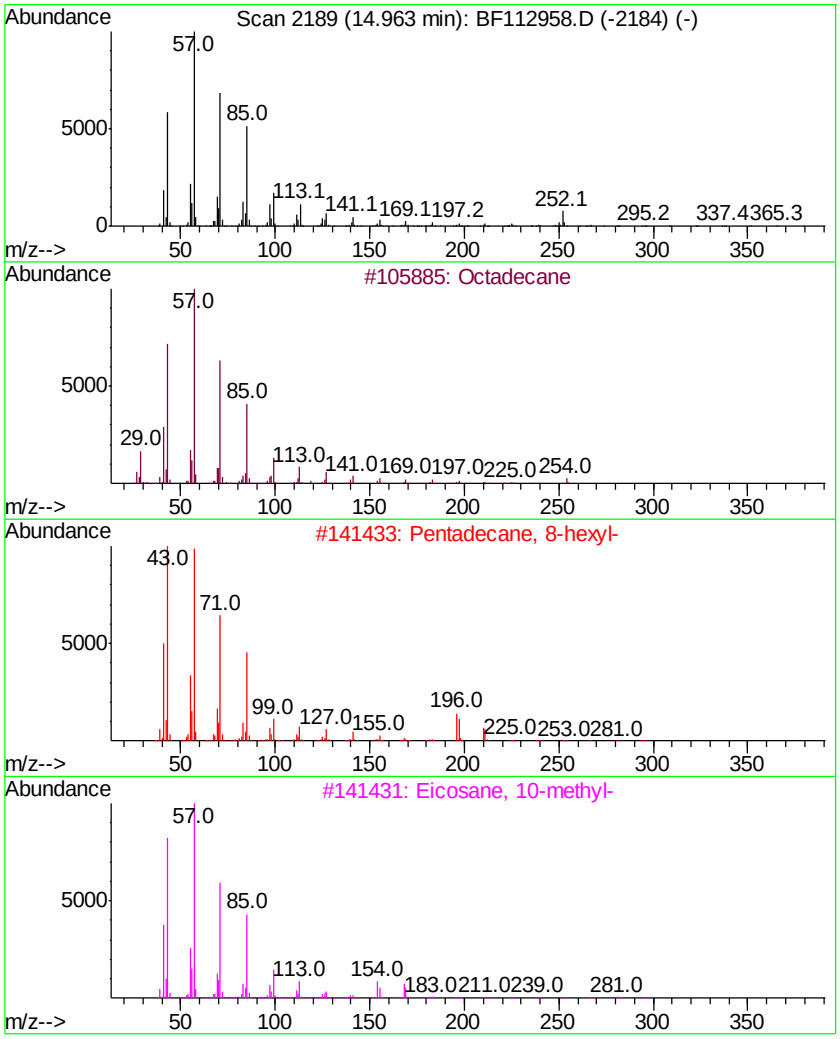
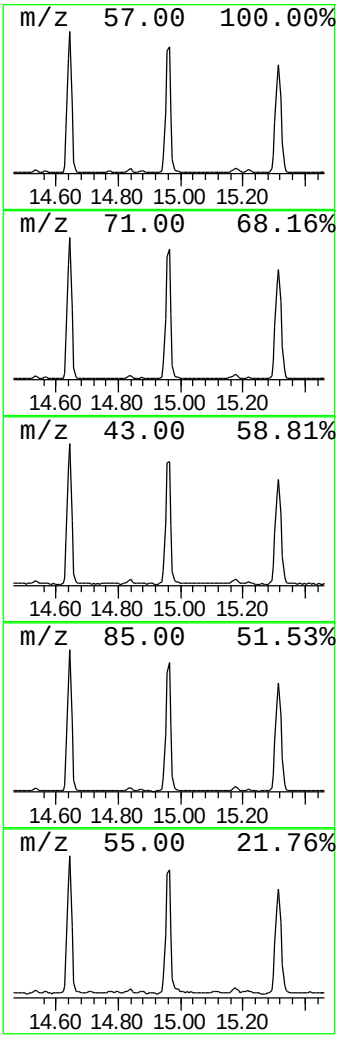
Peak Number 14 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	41.04 ng	2625710	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





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TIC Library : C:\DATABASE\NIST11.L
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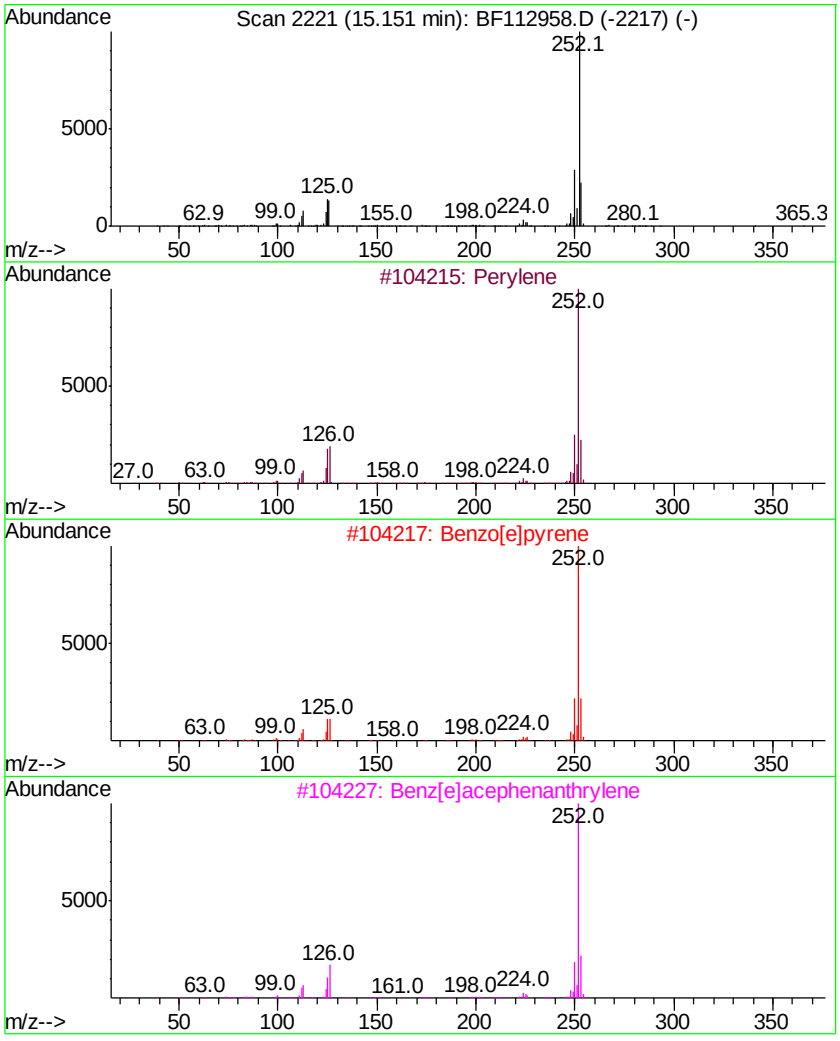
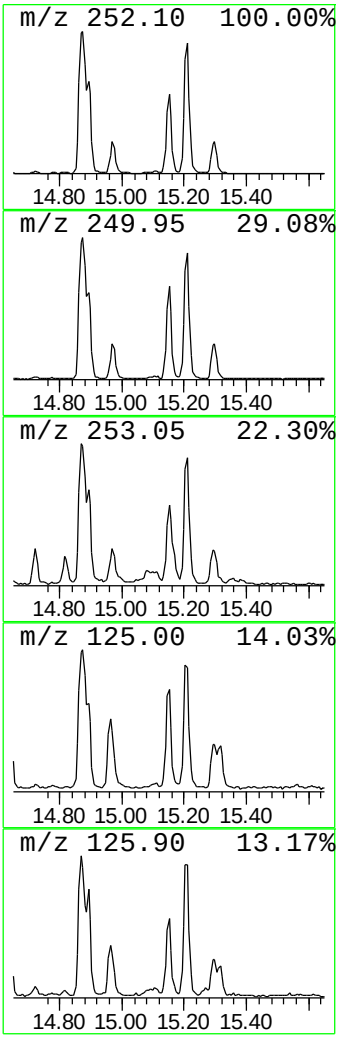
Peak Number 15 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	8.29 ng	530439	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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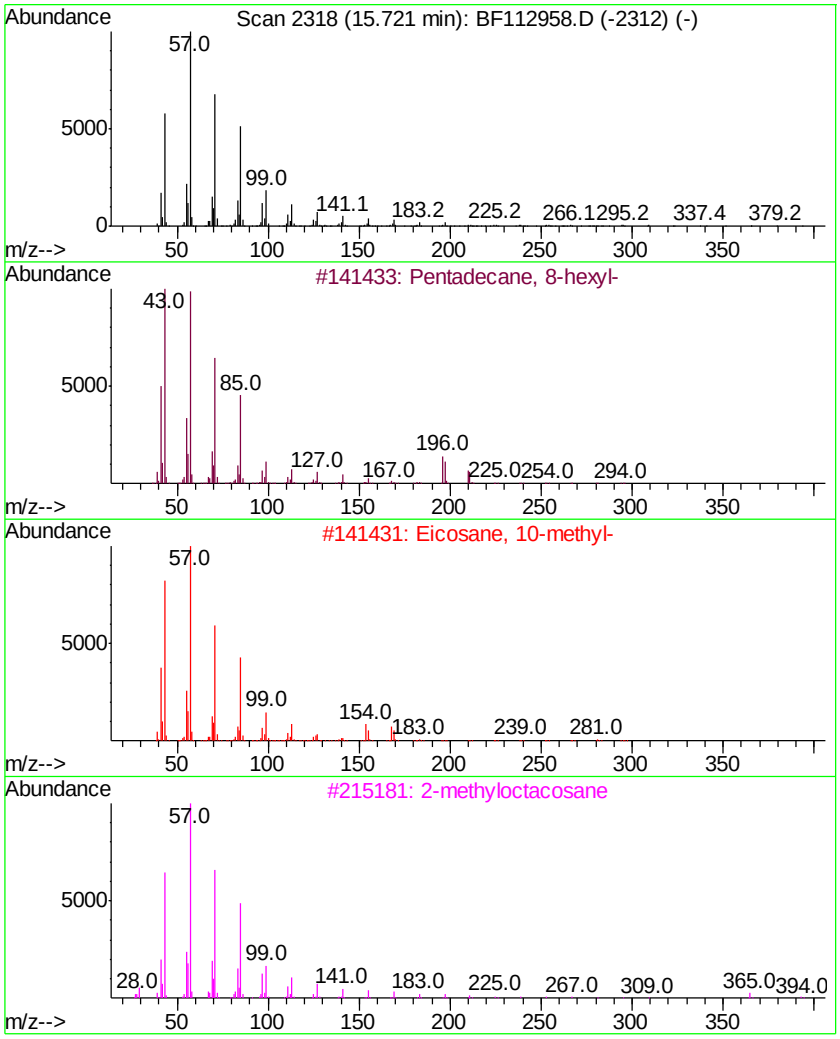
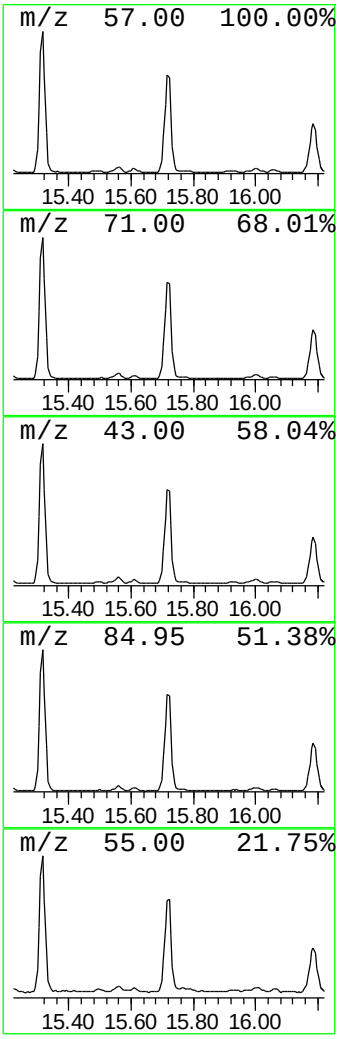
Peak Number 16 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	29.59 ng	1893130	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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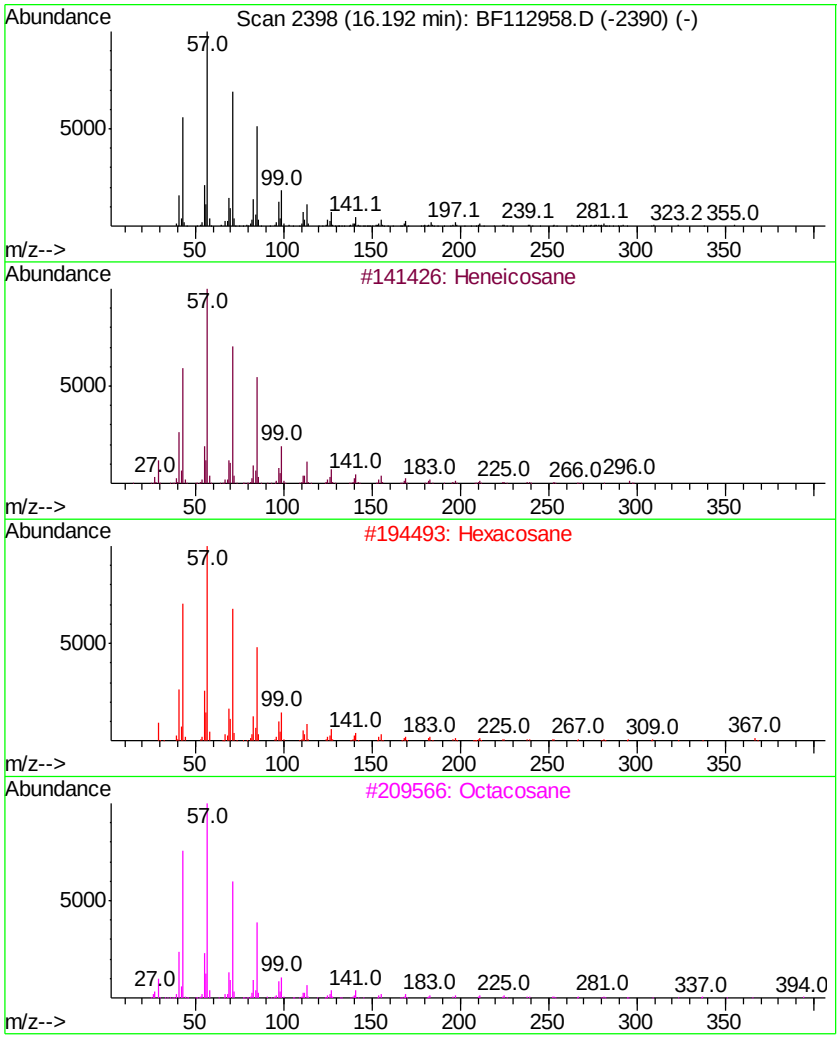
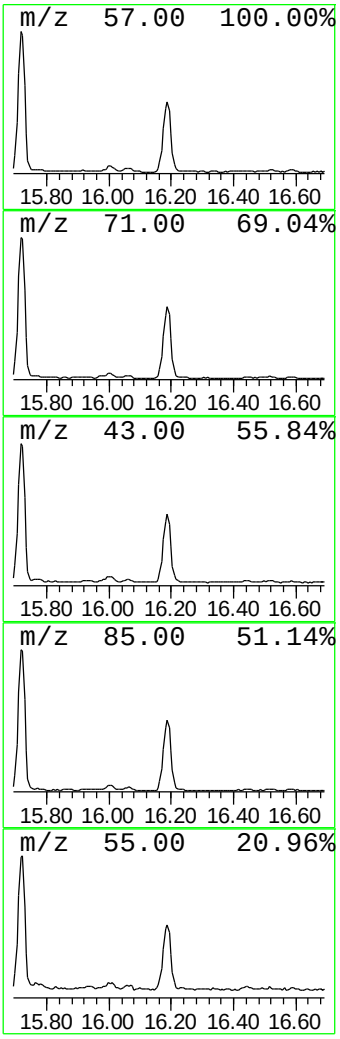
Peak Number 17 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	18.67 ng	1194320	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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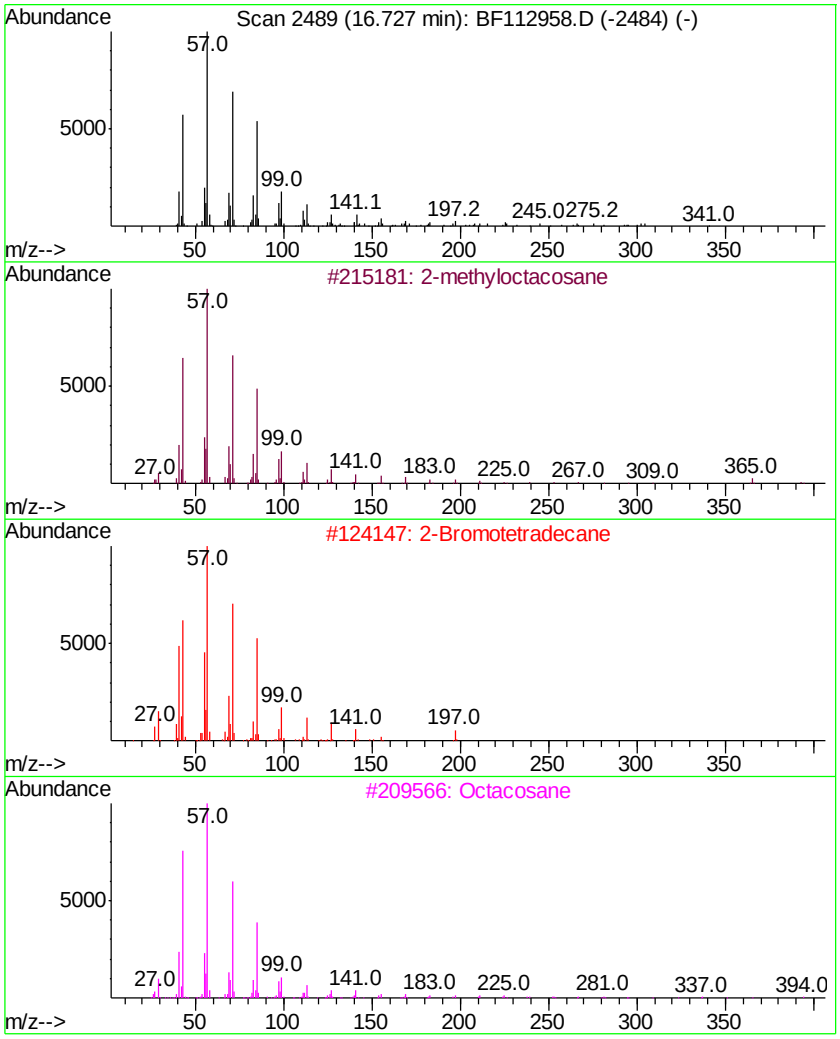
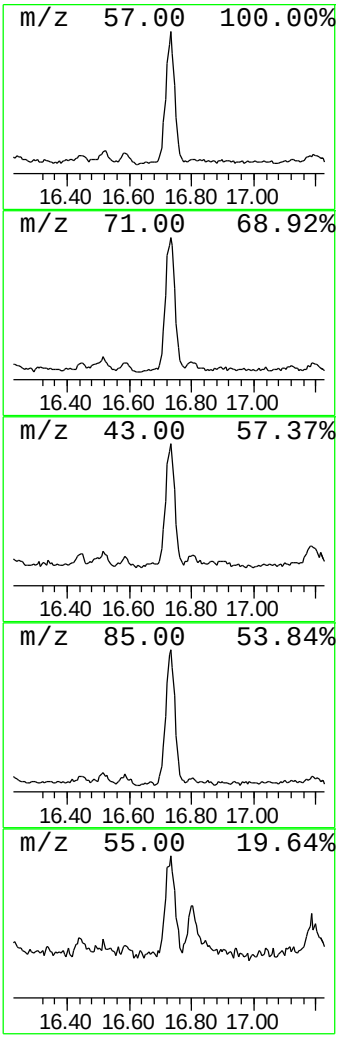
Peak Number 18 2-Bromotetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	4.83 ng	308793	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Pentacosane	352	C25H52	000629-99-2	87





Library Search Compound Report

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Data File : BF112958.D
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Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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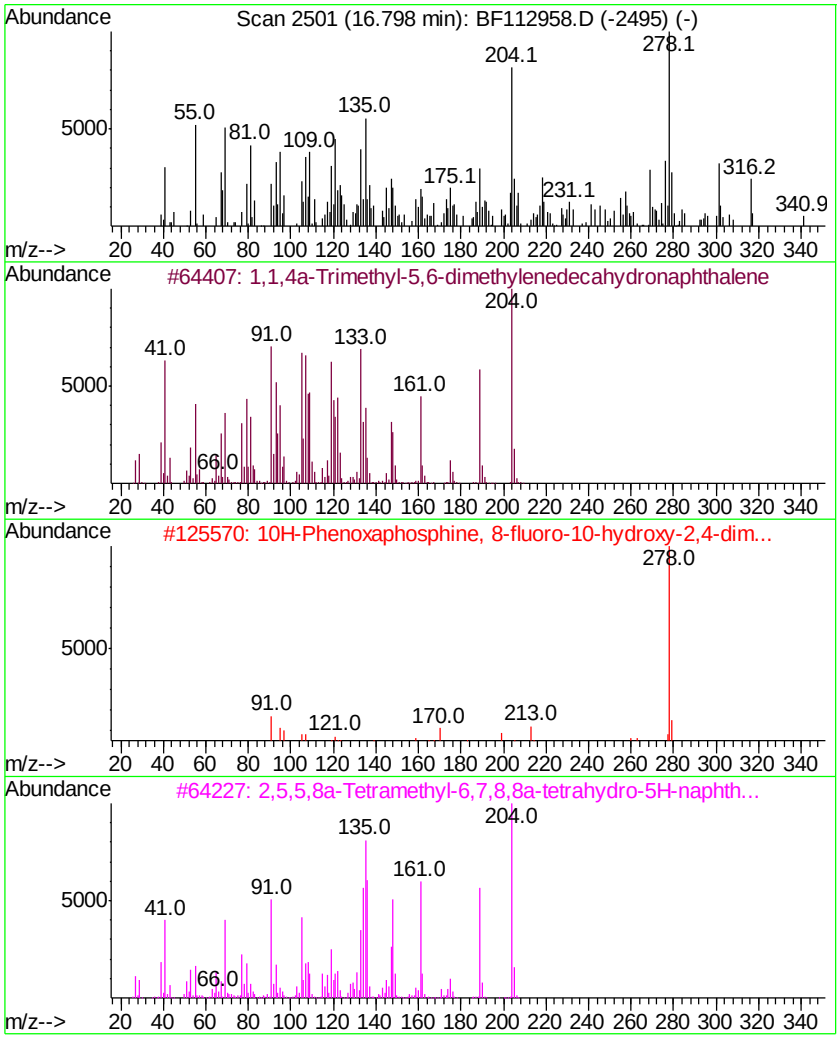
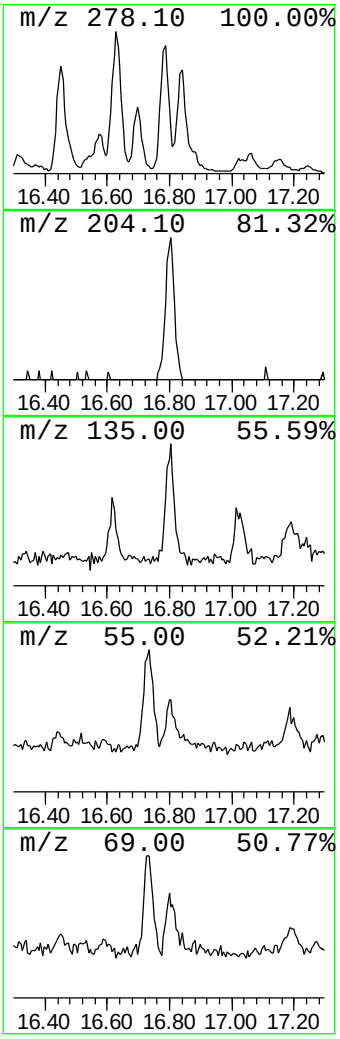
Peak Number 19 unknown16.80 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	4.79 ng	306749	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
2	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	38
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	25
4	17H-Cyclopenta[a]phenanthren-17-...	278	C19H18O2	056614-59-6	25
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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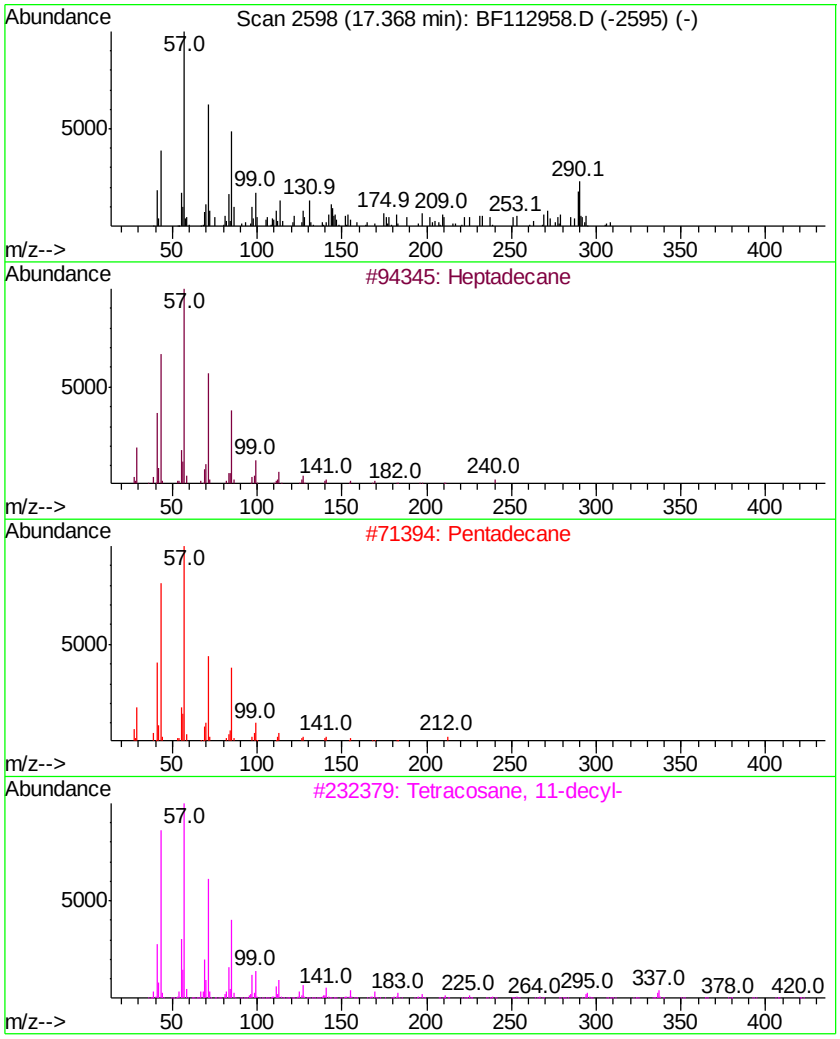
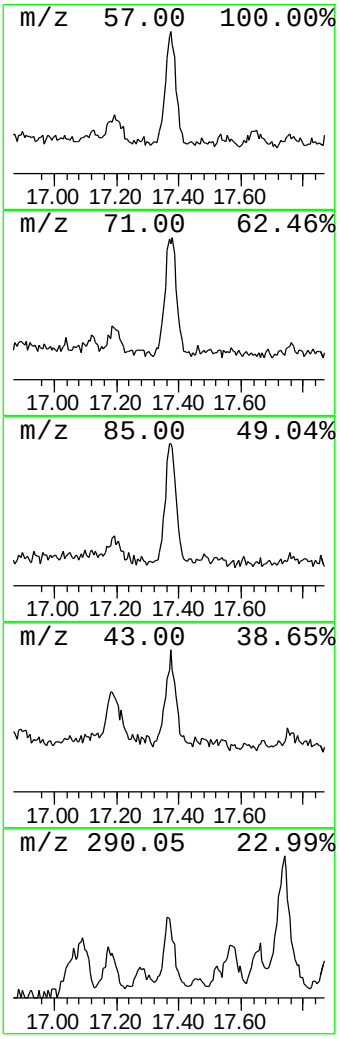
Peak Number 20 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.70 ng	172538	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	78
2	Pentadecane	212	C15H32	000629-62-9	53
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	53
4	Docosane	310	C22H46	000629-97-0	49
5	Tetratetracontane	619	C44H90	007098-22-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112958.D
Acq On : 11 Mar 2019 16:53
Operator : JU/SJ
Sample : K1785-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD3-0.0-0.5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	89.0	ng	3437340	1	6.73	772878	20.0
Anthracene, 2-met...	11.74	2.4	ng	189946	4	11.24	1563590	20.0
n-Hexadecanoic acid	11.79	34.3	ng	2683980	4	11.24	1563590	20.0
4H-Cyclopenta[def...	11.85	5.6	ng	438272	4	11.24	1563590	20.0
Octadecanoic acid	12.56	13.8	ng	2130320	5	13.86	3096500	20.0
11H-Benzo[b]fluorene	13.00	2.3	ng	357838	5	13.86	3096500	20.0
11H-Benzo[a]fluorene	13.06	2.2	ng	347047	5	13.86	3096500	20.0
Tetratetracontane	13.73	4.5	ng	690818	5	13.86	3096500	20.0
Heneicosane	14.05	8.0	ng	1235460	5	13.86	3096500	20.0
Pentadecane, 8-he...	14.35	12.7	ng	1972840	5	13.86	3096500	20.0
Eicosane, 10-methyl-	14.65	37.5	ng	2397130	6	15.27	1279650	20.0
7,12-Dihydrobenzo...	14.72	2.5	ng	163029	6	15.27	1279650	20.0
Octadecane	14.96	41.0	ng	2625710	6	15.27	1279650	20.0
Perylene	15.15	8.3	ng	530439	6	15.27	1279650	20.0
2-methyloctacosane	15.72	29.6	ng	1893130	6	15.27	1279650	20.0
Octacosane	16.19	18.7	ng	1194320	6	15.27	1279650	20.0
2-Bromotetradecane	16.73	4.8	ng	308793	6	15.27	1279650	20.0
unknown16.80	16.80	4.8	ng	306749	6	15.27	1279650	20.0
Heptadecane	17.37	2.7	ng	172538	6	15.27	1279650	20.0