LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

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-BF073019.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	5.440	566	570	602	rBV	2648634	3059703	82.95%	7.254%
2	6.451	738	742	759	rBV	2853225	3229797	87.56%	7.658%
3	6.581	761	764	772	rVB	3145547	3168482	85.89%	7.512%
4	6.810	800	803	814	rBV	941261	880014	23.86%	2.086%
5	6.963	826	829	847	rBV	2755289	2651099	71.87%	6.286%
6	7.375	895	899	928	rBV	2187394	2170659	58.84%	5.147%
7	8.086	1017	1020	1039	rVB	1123779	1159420	31.43%	2.749%
8	9.163	1199	1203	1206	rBV	4055308	3688805	100.00%	8.746%
9	9.557	1267	1270	1279	rVB	602237	523116	14.18%	1.240%
10	9.633	1279	1283	1292	rVV3	33345	75995	2.06%	0.180%
11	9.704	1292	1295	1303	rVB	76104	71789	1.95%	0.170%
12	9.839	1314	1318	1322	rBV	1586628	1292463	35.04%	3.064%
13	10.222	1380	1383	1385	rBV	82882	80202	2.17%	0.190%
14	10.239	1385	1386	1389	rVB	78189	47826	1.30%	0.113%
15	10.633	1449	1453	1468	rBV	2235022	2247626	60.93%	5.329%
16	11.327	1567	1571	1573	rBV	1451645	1268867	34.40%	3.008%
17	11.351	1573	1575	1580	rVV	552380	488626	13.25%	1.159%
18	11.410	1583	1585	1592	rVB	49699	48989	1.33%	0.116%
19	11.574	1607	1613	1617	rBV2	46770	66782	1.81%	0.158%
20	11.827	1651	1656	1658	rBV2	105702	156537	4.24%	0.371%
21	11.857	1658	1661	1668	rVB3	837839	866319	23.49%	2.054%
22	11.939	1673	1675	1678	rVV2	113656	127385	3.45%	0.302%
23	11.969	1678	1680	1685	rVB	61501	54789	1.49%	0.130%
24	12.121	1703	1706	1710	rVB	78419	65681	1.78%	0.156%
25	12.169	1710	1714	1720	rBV	92492	106870	2.90%	0.253%
26	12.380	1747	1750	1752	rBV	71793	63802	1.73%	0.151%
27	12.480	1762	1767	1774	rVB2	78445	106043	2.87%	0.251%
28	12.539	1774	1777	1783	rBV	1052318	1010793	27.40%	2.397%
29	12.633	1790	1793	1801	rBV2	342106	405044	10.98%	0.960%
30	12.692	1801	1803	1806	rVV	71404	73764	2.00%	0.175%
31	12.768	1810	1816	1822	rVV	954163	950376	25.76%	2.253%
32	12.821	1822	1825	1830	rVB	61430	70181	1.90%	0.166%
33	12.904	1835	1839	1843	rVV	3469257	3456745	93.71%	8.196%
34	12.945	1843	1846	1849	rVB	43659	47576	1.29%	0.113%

LSC Area Percent Report

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Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.992	1849	1854	1859	rBV2	67519	116718	3.16%	0.277%
36	13.080	1865	1869	1871	rBV4	58828	94758	2.57%	0.225%
37	13.098	1871	1872	1875	rVB	72018	58428	1.58%	0.139%
38	13.204	1886	1890	1894	rVB2	98889	117310	3.18%	0.278%
39	13.298	1903	1906	1909	rBV	71469	66422	1.80%	0.157%
40	13.327	1909	1911	1915	rVV2	48441	56521	1.53%	0.134%
41	13.398	1921	1923	1930	rVB4	40390	50824	1.38%	0.121%
42	13.468	1930	1935	1938	rBV4	45975	59143	1.60%	0.140%
43	13.621	1957	1961	1966	rVB	111663	118712	3.22%	0.281%
44	13.727	1973	1979	1980	rBV2	90807	115454	3.13%	0.274%
45	13.774	1984	1987	1988	rVV	76145	68054	1.84%	0.161%
46	13.798	1988	1991	1995	rVV2	296137	462858	12.55%	1.097%
47	13.827	1995	1996	2002	rVB2	152608	163660	4.44%	0.388%
48	13.968	2015	2020	2023	rBV2	1078137	1328055	36.00%	3.149%
49	13.992	2023	2024	2032	rVB	402802	343046	9.30%	0.813%
50	14.110	2041	2044	2046	rBV	93566	84067	2.28%	0.199%
51	14.133	2046	2048	2053	rVV3	69533	90603	2.46%	0.215%
52	14.204	2056	2060	2063	rVB3	36769	56292	1.53%	0.133%
53	14.357	2082	2086	2090	rBV	87151	114202	3.10%	0.271%
54	14.415	2090	2096	2105	rBV4	184726	336006	9.11%	0.797%
55	14.710	2141	2146	2150	rVB	195983	218462	5.92%	0.518%
56	14.786	2156	2159	2162	rVB2	67486	71922	1.95%	0.171%
57	14.857	2167	2171	2175	rBV2	111992	146425	3.97%	0.347%
58	15.004	2192	2196	2199	rBV	387979	524363	14.21%	1.243%
59	15.033	2199	2201	2206	rVV2	396124	471435	12.78%	1.118%
60	15.080	2206	2209	2212	rVV3	68155	104313	2.83%	0.247%
61	15.115	2212	2215	2227	rVV	104750	183590	4.98%	0.435%
62	15.204	2227	2230	2235	rVV3	25675	39104	1.06%	0.093%
63	15.304	2243	2247	2254	rVB	217187	255511	6.93%	0.606%
64	15.368	2254	2258	2261	rBV	282081	323124	8.76%	0.766%
65	15.421	2261	2267	2272	rVB	636142	892333	24.19%	2.116%
66	15.598	2293	2297	2302	rBV2	65038	98744	2.68%	0.234%
67	15.821	2331	2335	2341	rVB	169690	229401	6.22%	0.544%
68	16.304	2413	2417	2421	rBV2	61324	103608	2.81%	0.246%
69	16.586	2459	2465	2472	rVB6	51375	105894	2.87%	0.251%
70	16.892	2508	2517	2527	rVB2	154967	387155	10.50%	0.918%
71	17.127	2552	2557	2562	rVB2	27904	58235	1.58%	0.138%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.327	2586	2591	2597	rBV	97587	190970	5.18%	0.453%
73	18.374	2765	2769	2779	rVB7	35512	88816	2.41%	0.211%

Sum of corrected areas: 42176703

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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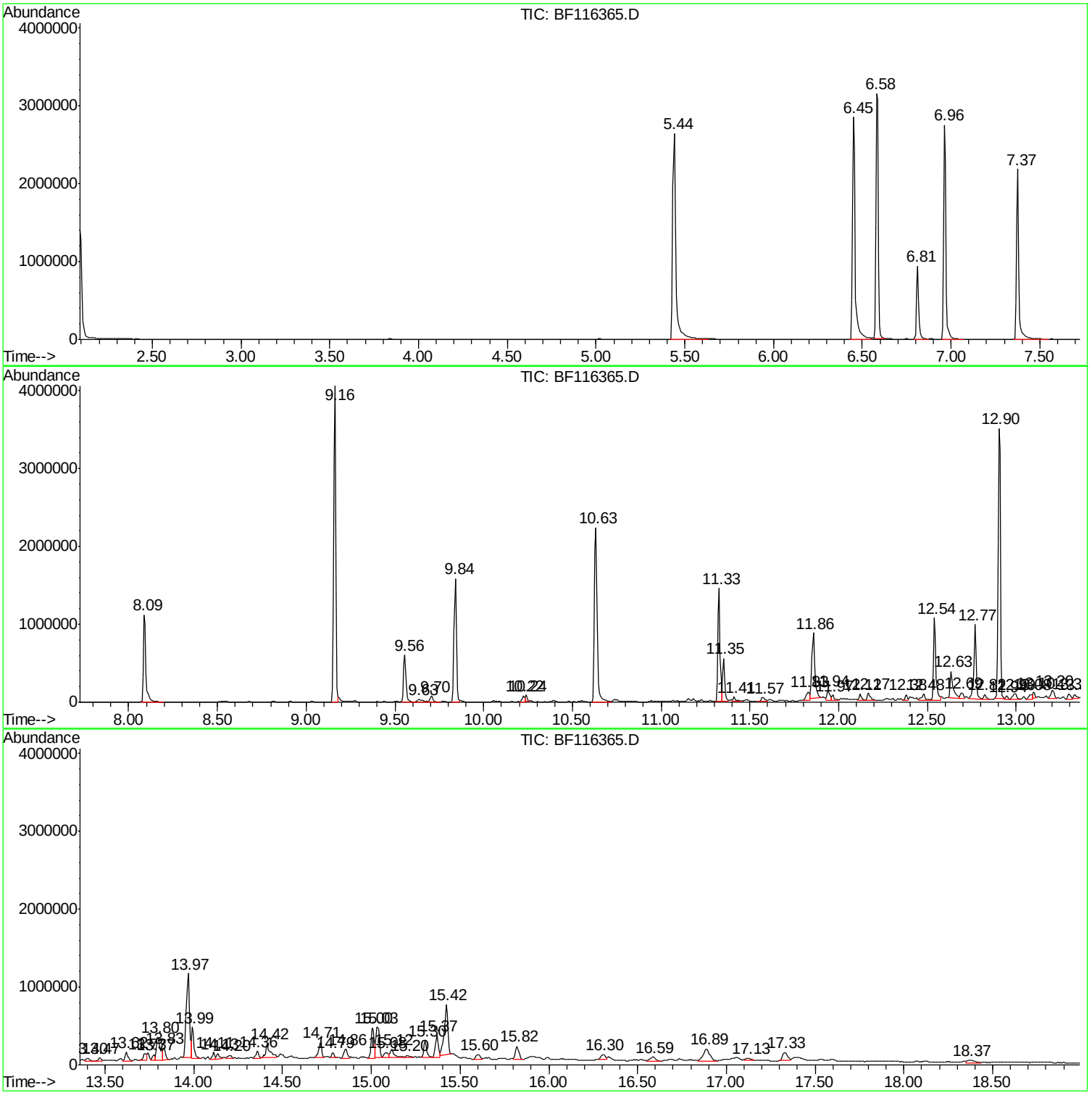
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF081719\
Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

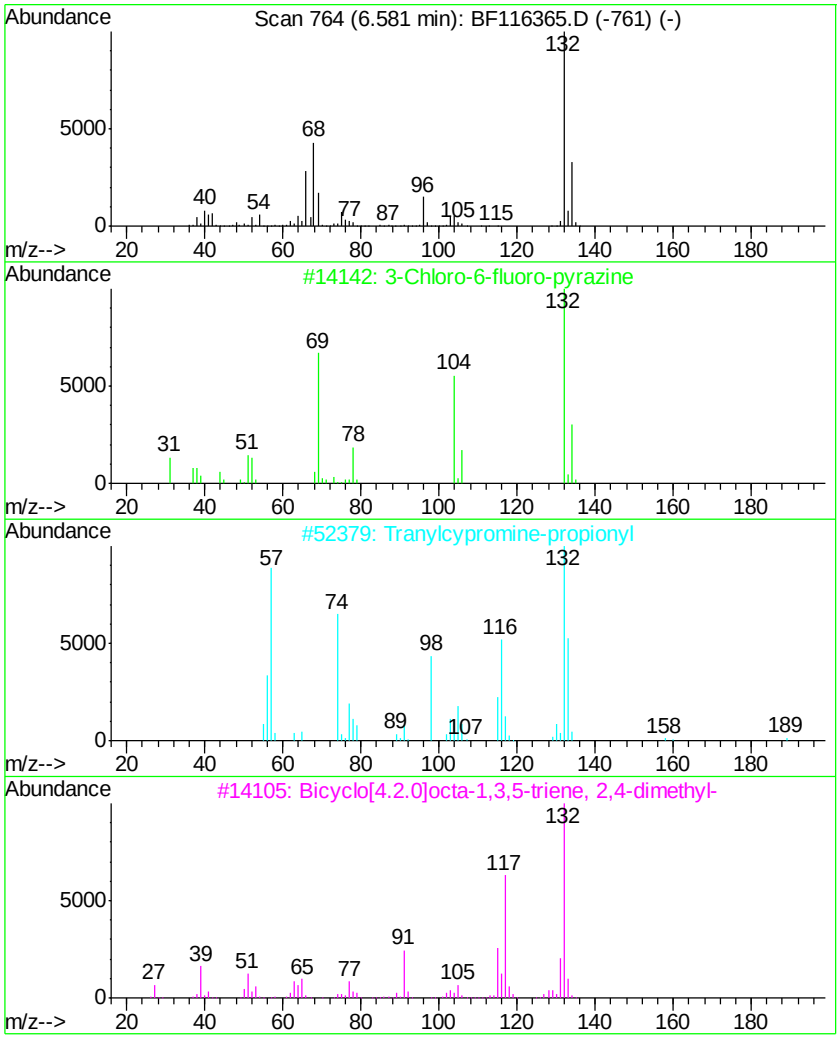
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

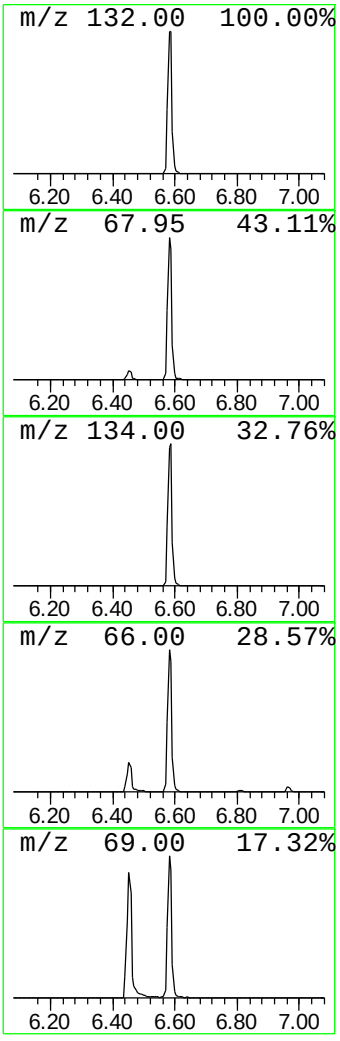
****

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	72.01 ng	3168480	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
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Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

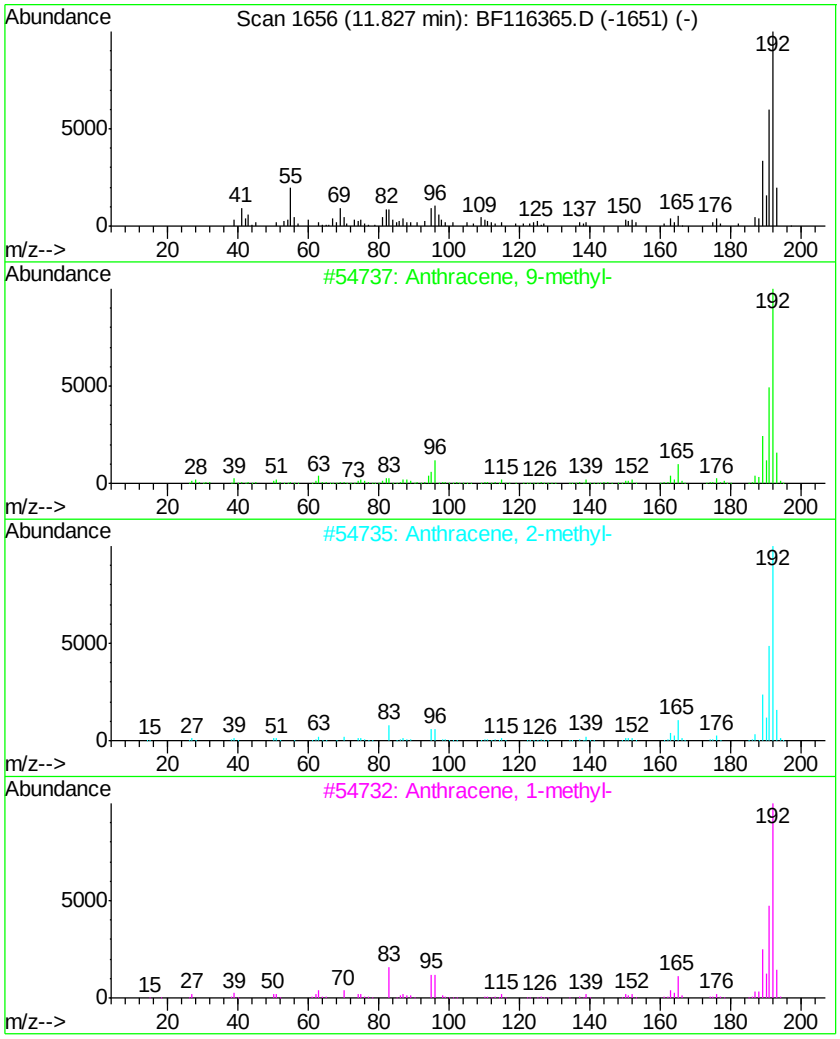
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

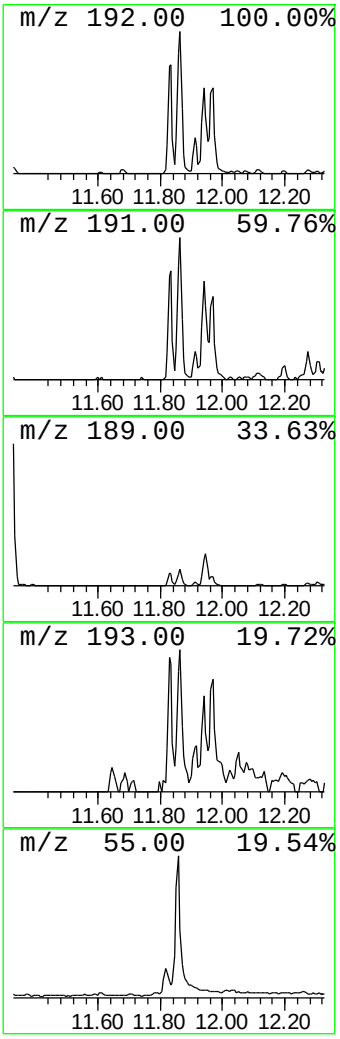
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.47 ng	156537	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

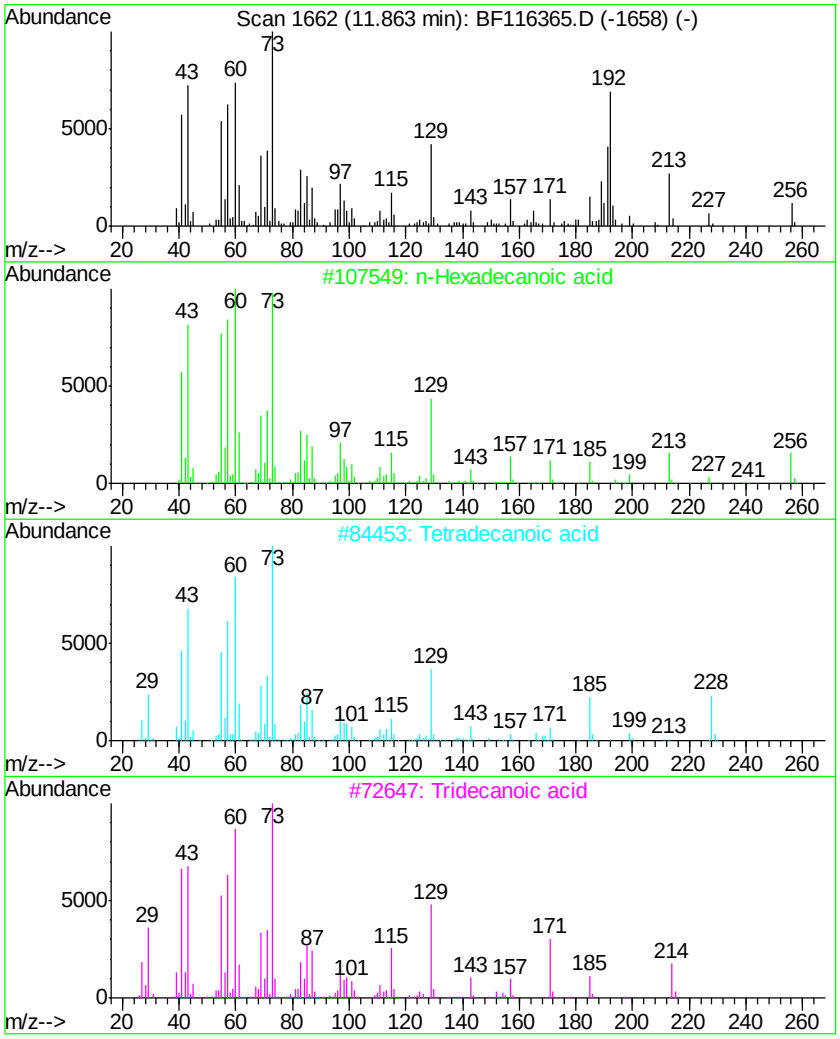
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

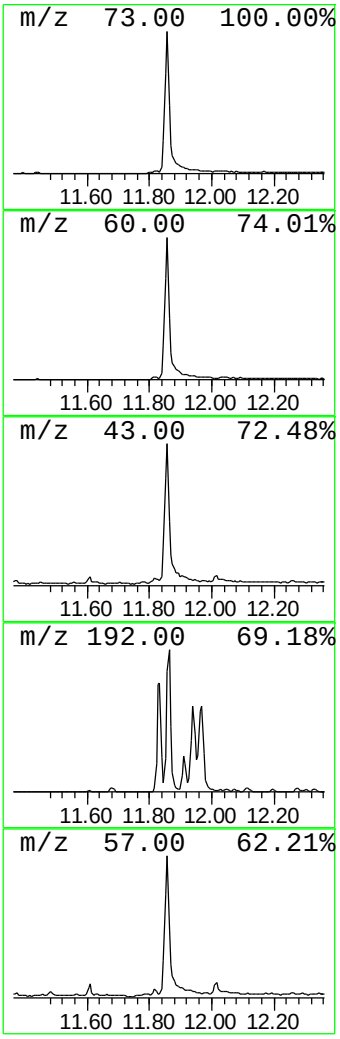
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	13.66 ng	866319	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	20





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Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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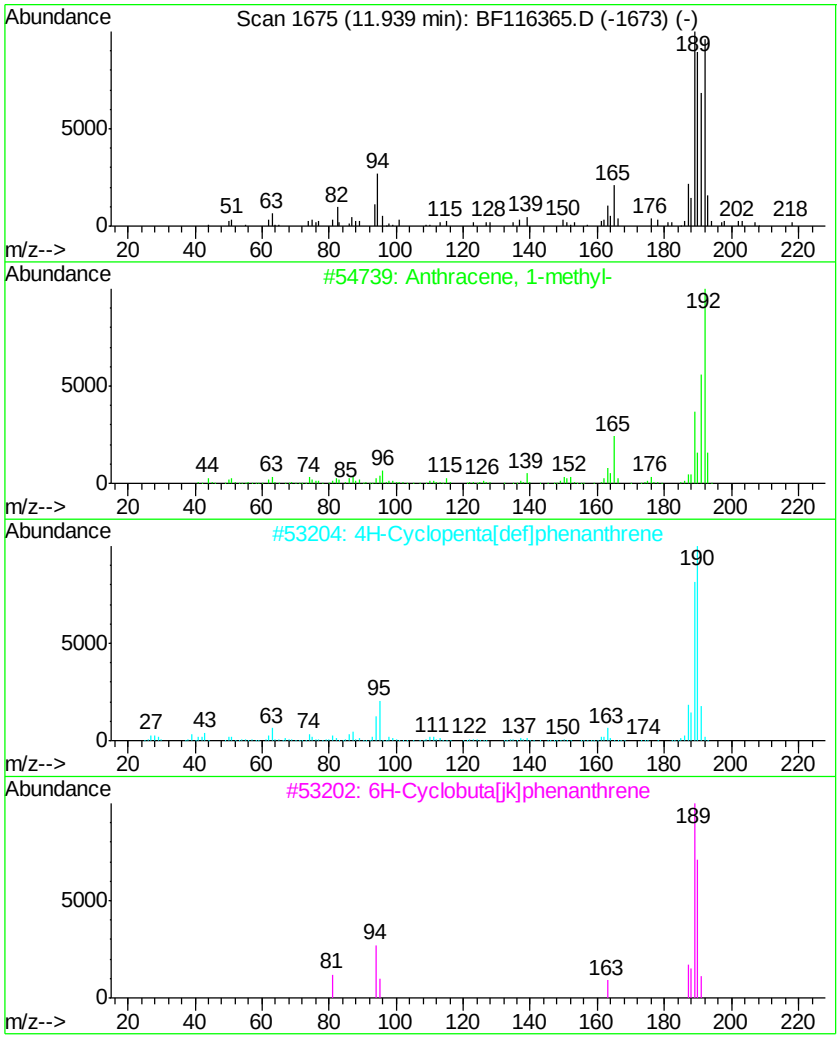
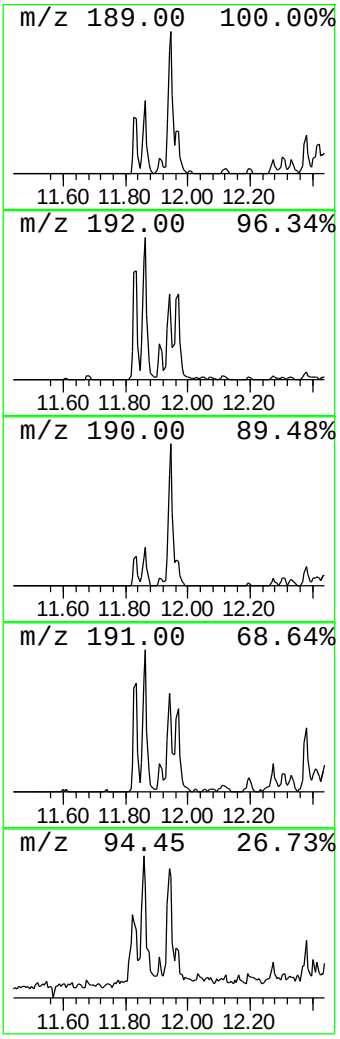
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.01 ng	127385	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

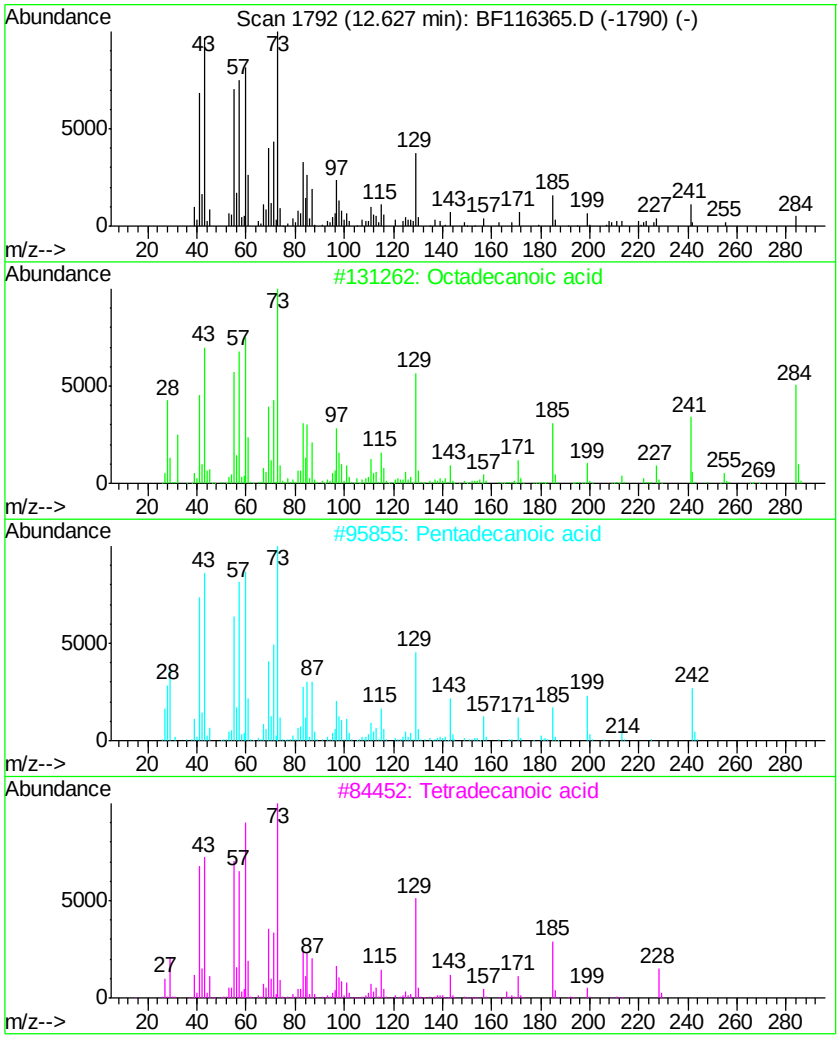
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

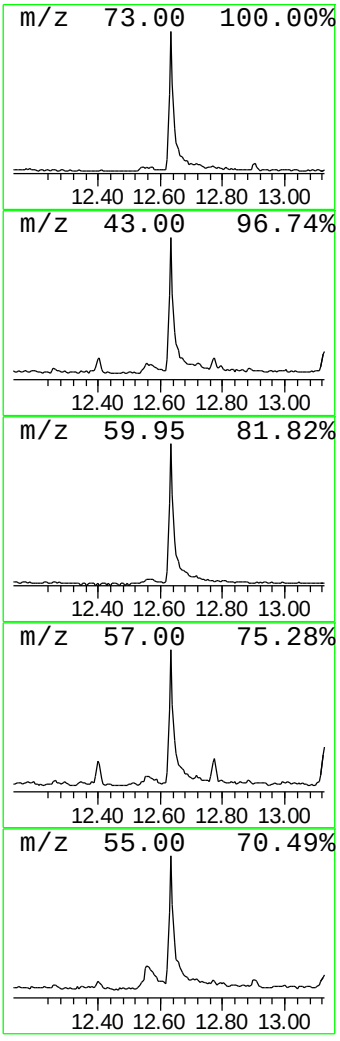
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.38 ng	405044	Phenanthrene-d10	11.33

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

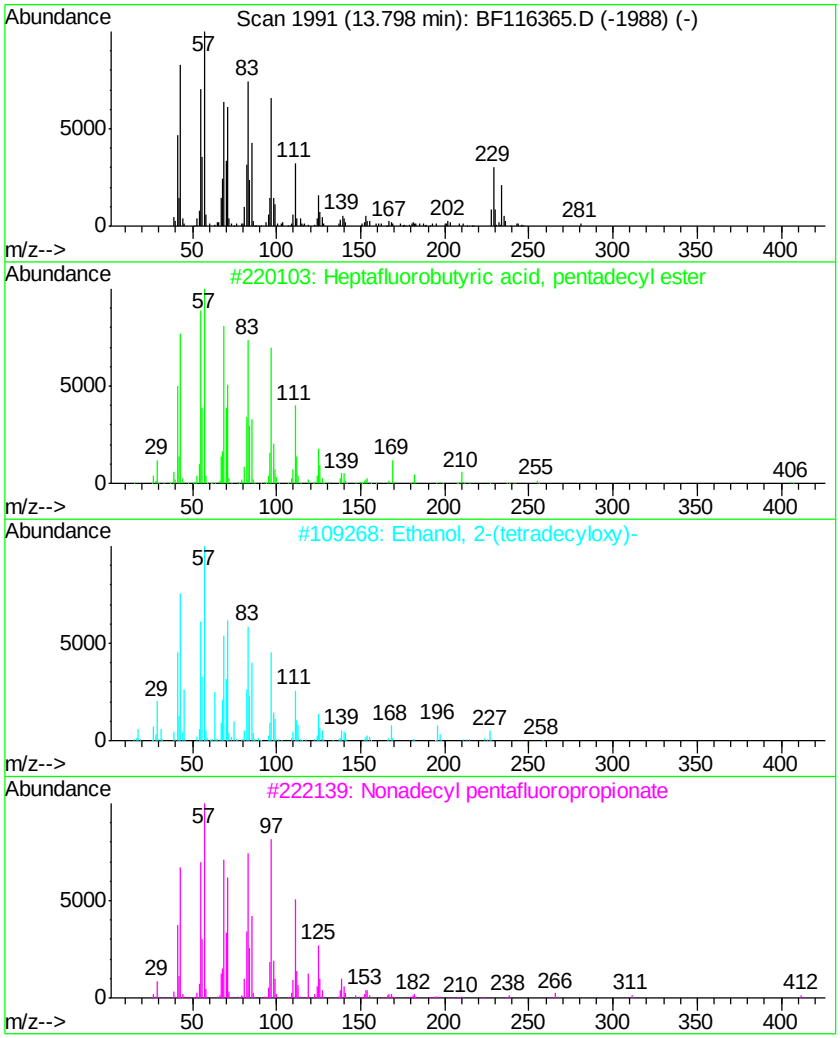
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

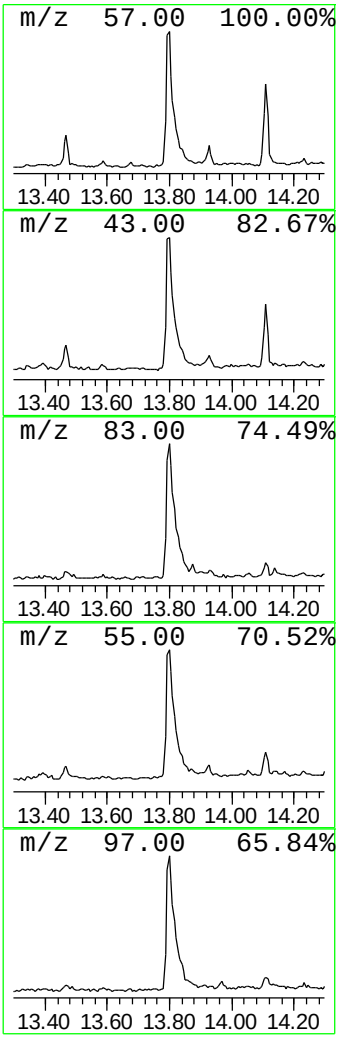
****

Peak Number 7 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.97 ng	462858	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81
4	1-Heptacosanol	396	C27H56O	002004-39-9	76
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	76





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Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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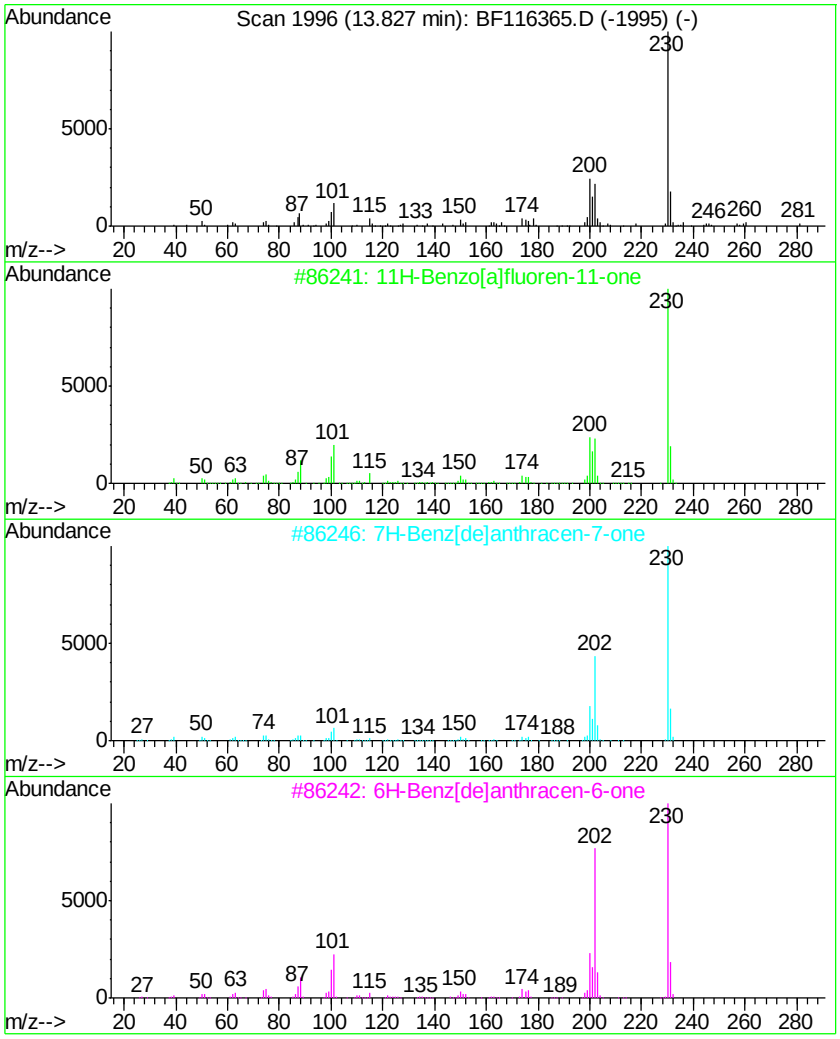
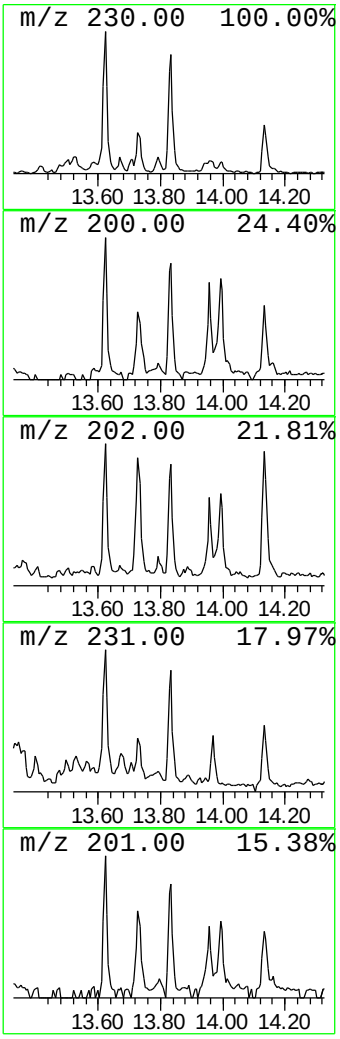
Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.46 ng	163660	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	58





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Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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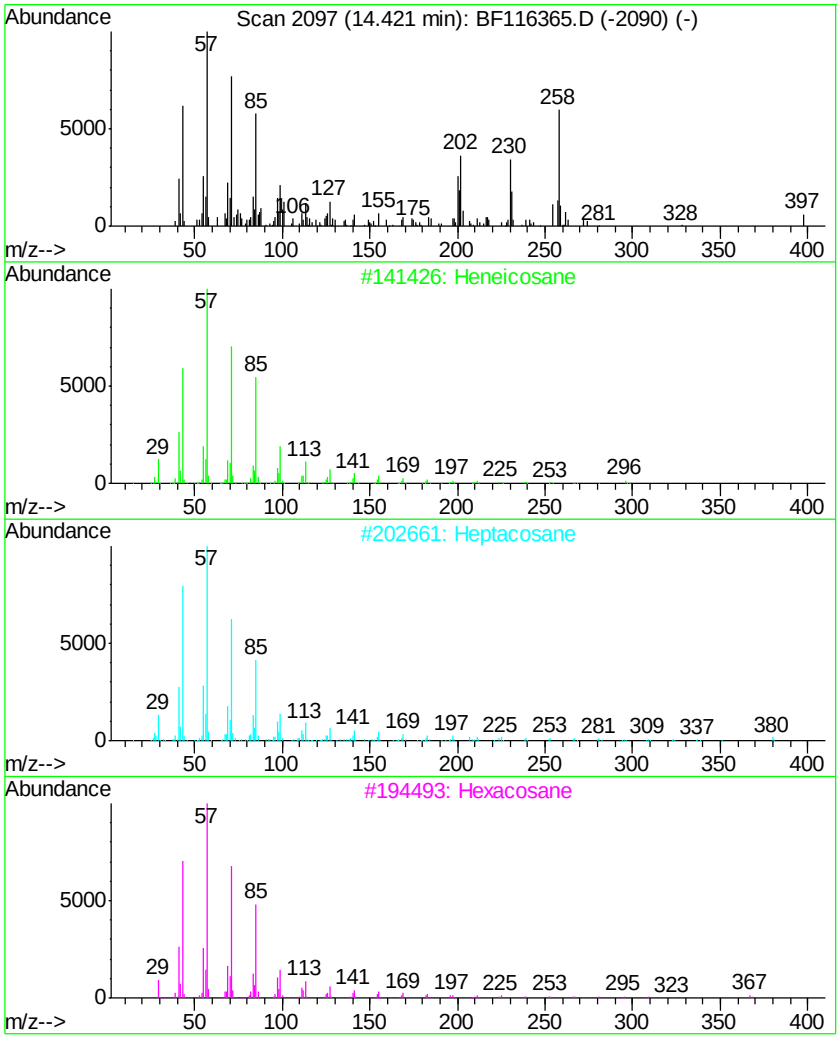
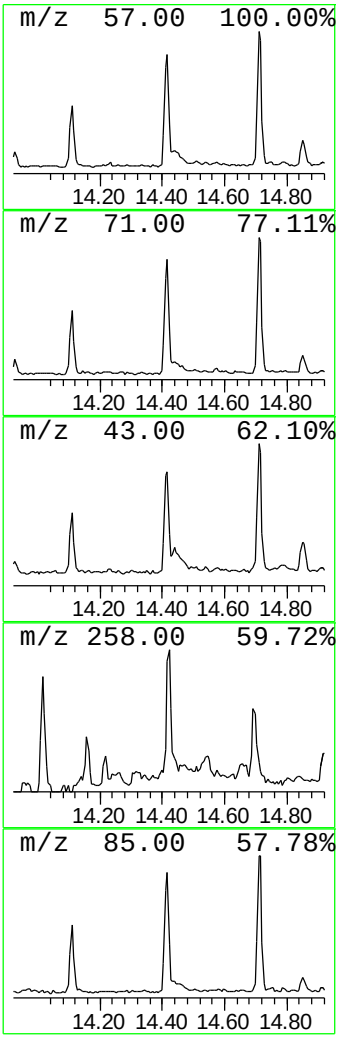
Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	5.06 ng	336006	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Heptacosane	380	C27H56	000593-49-7	76
3	Hexacosane	366	C26H54	000630-01-3	76
4	Octacosane	394	C28H58	000630-02-4	76
5	Tetracosane	338	C24H50	000646-31-1	74





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Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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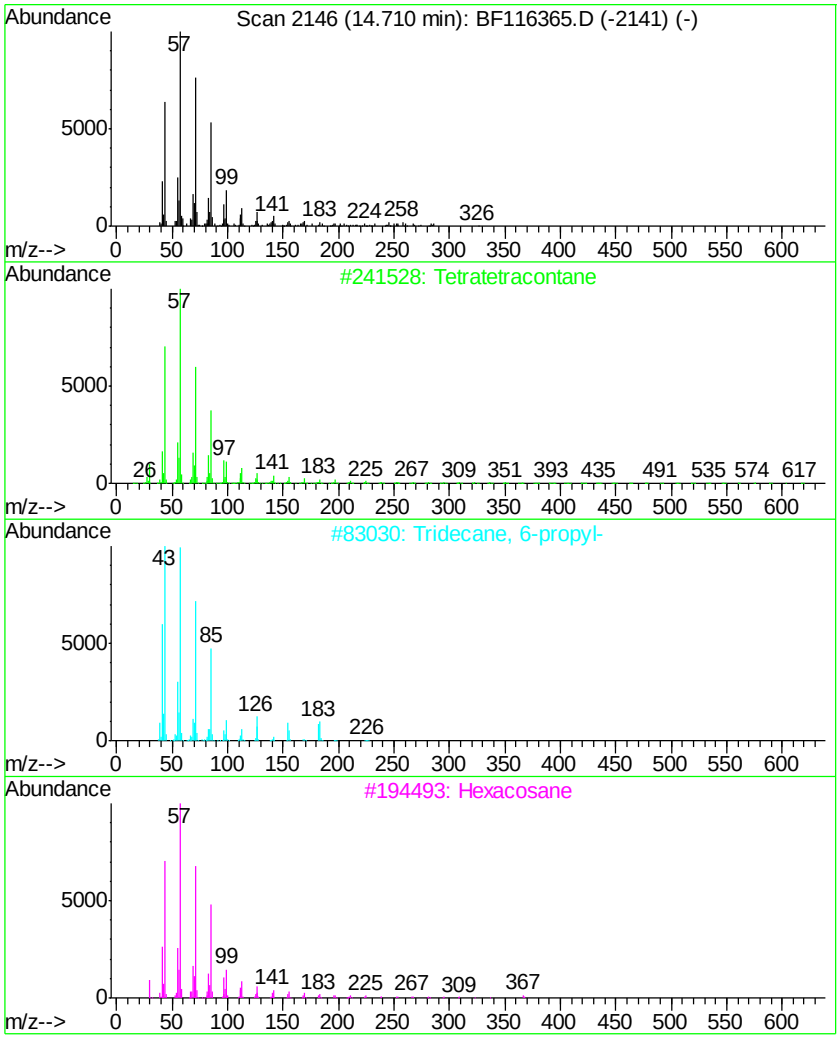
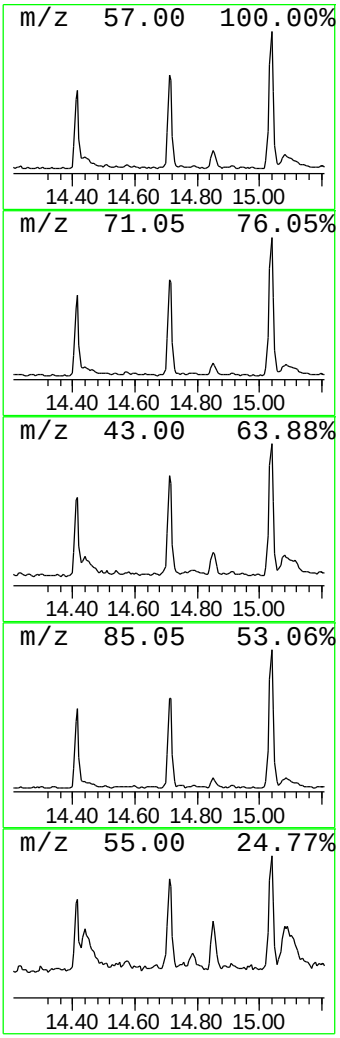
Peak Number 10 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.90 ng	218462	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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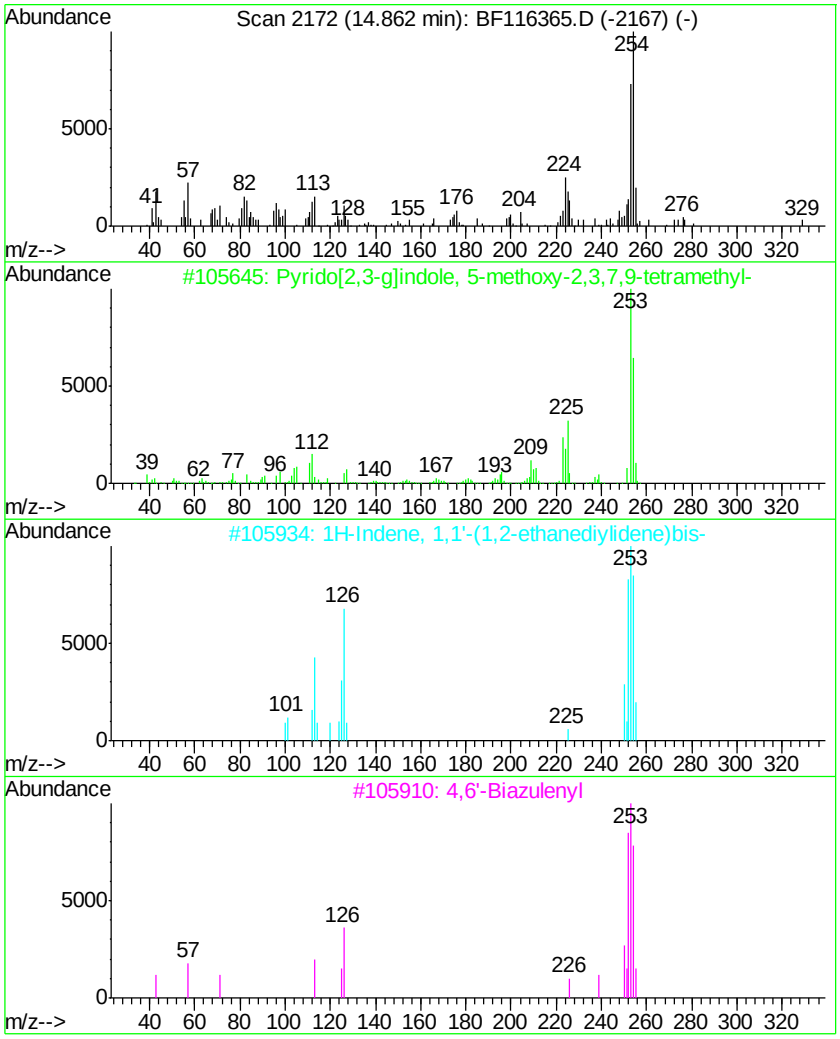
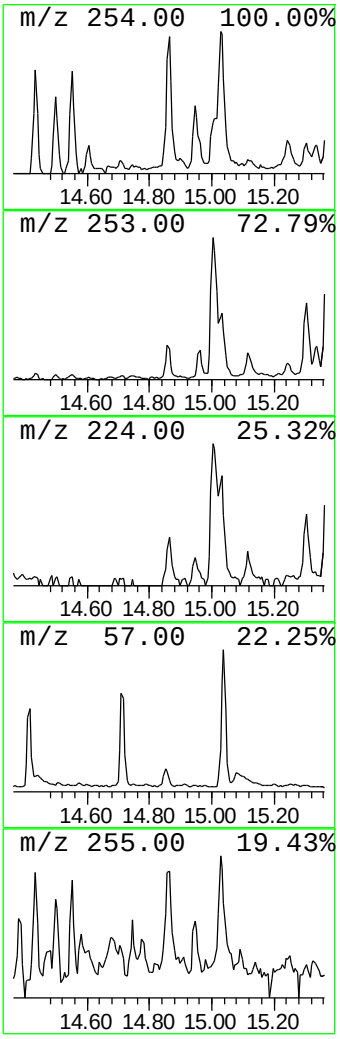
Peak Number 11 Pyrido[2,3-g]indole, 5-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.28 ng	146425	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	64
2	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	64
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	60
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	58
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	58





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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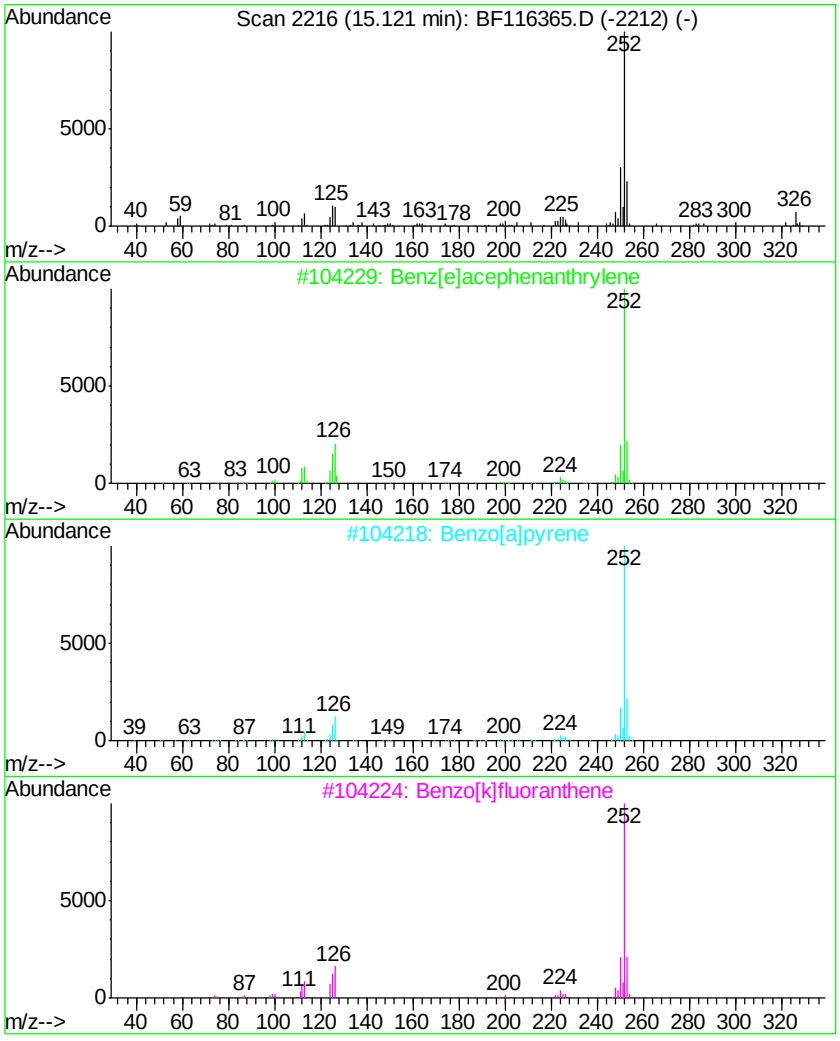
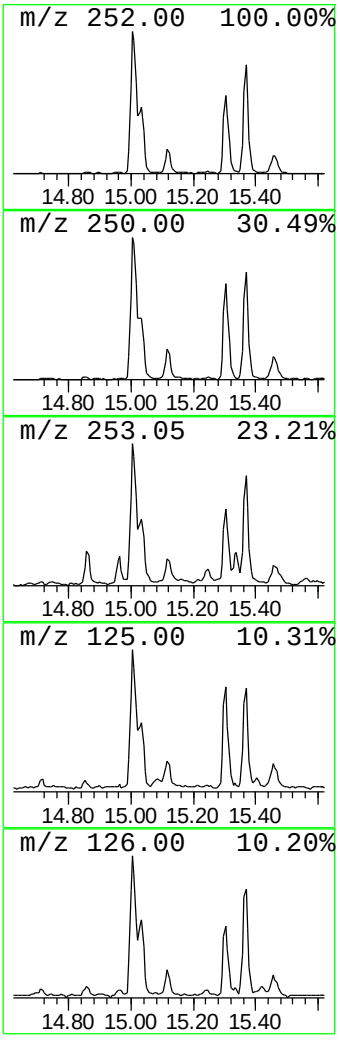
Peak Number 12 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.11 ng	183590	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Library Search Compound Report

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Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

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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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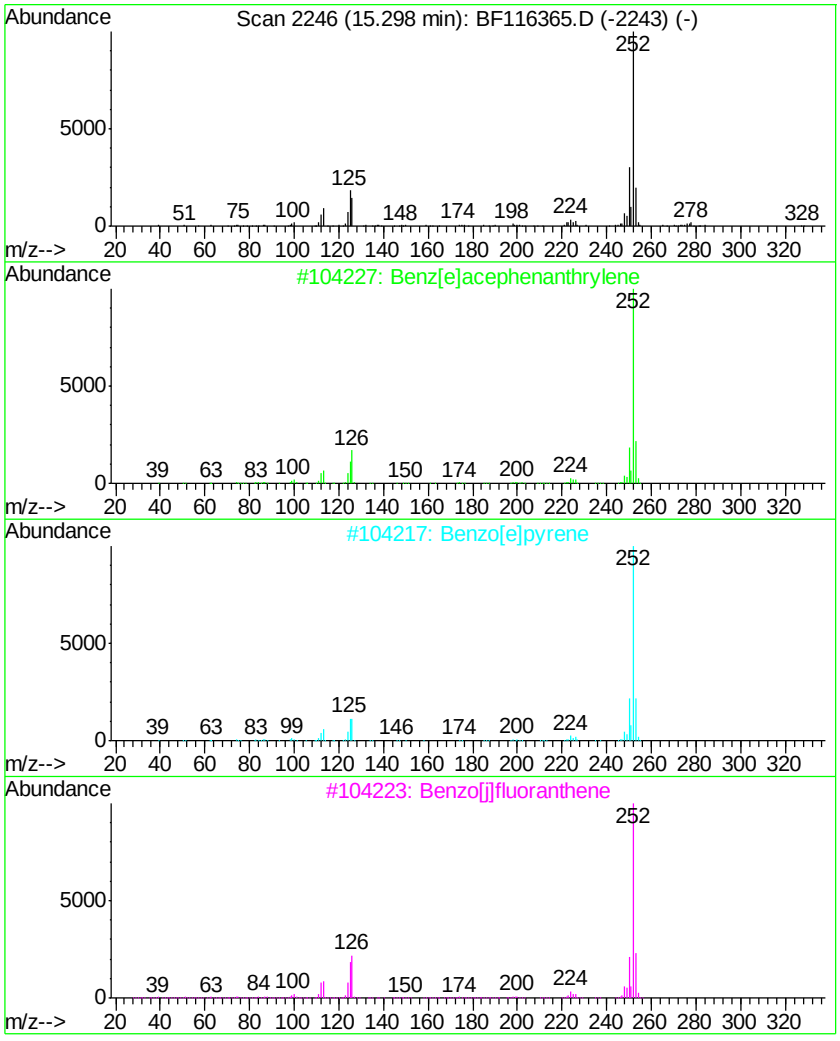
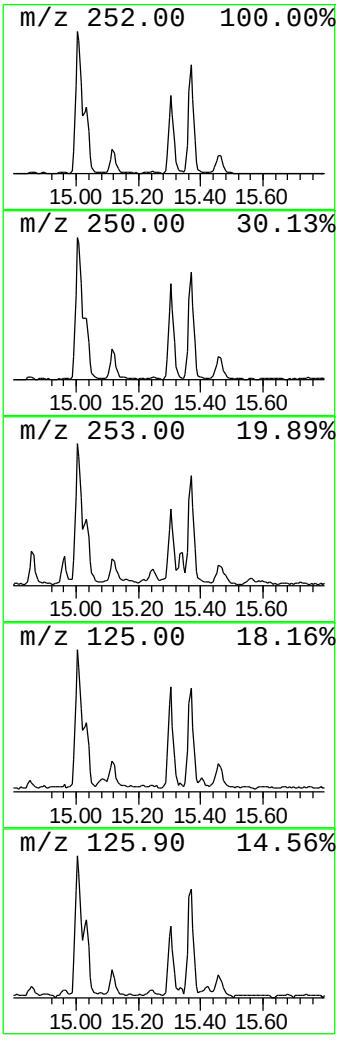
Peak Number 13 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	5.73 ng	255511	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Library Search Compound Report

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Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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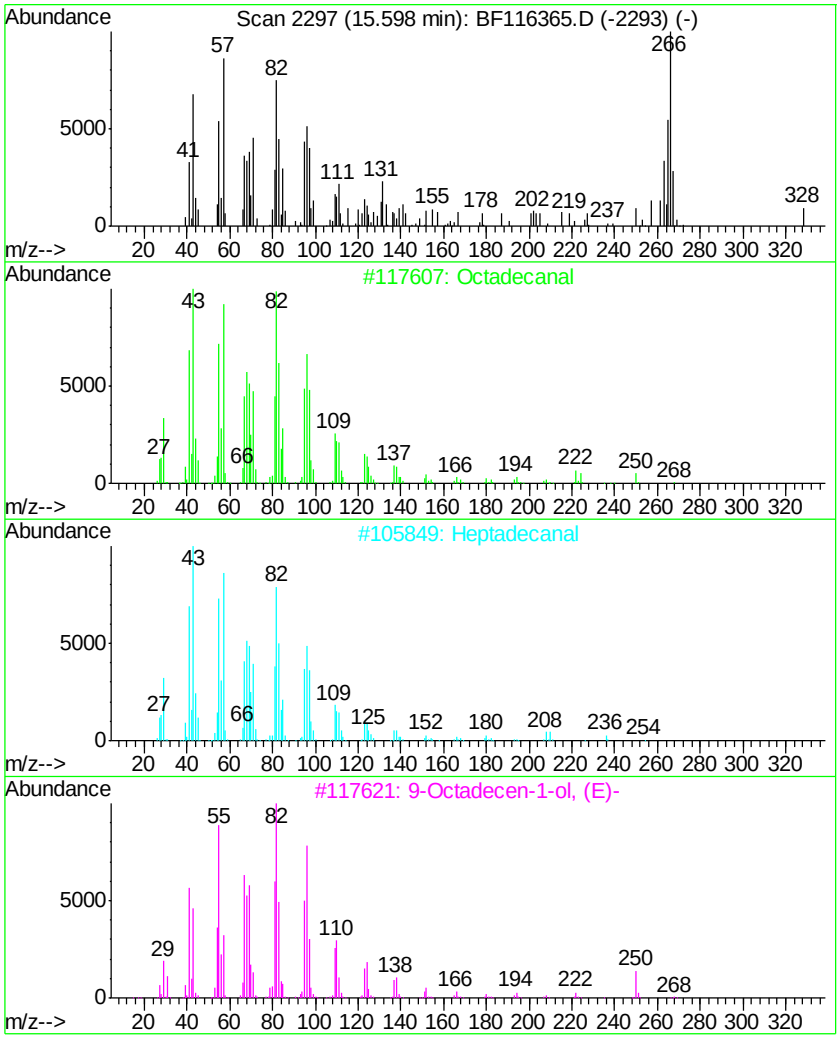
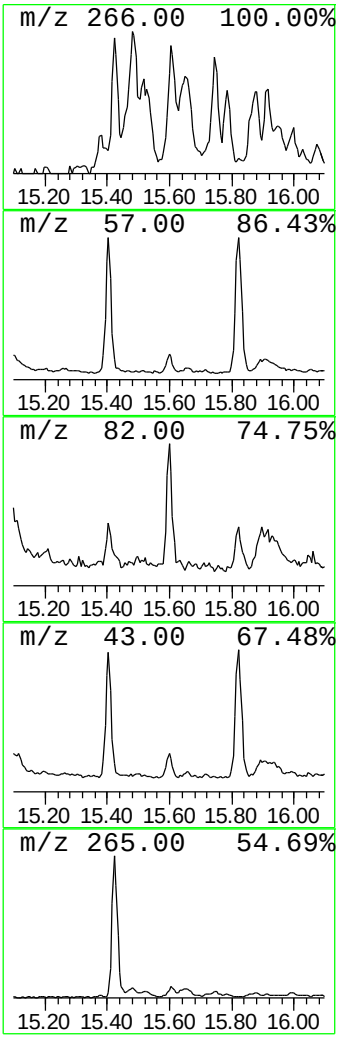
Peak Number 14 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.21 ng	98744	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Heptadecanal	254	C17H34O	1000376-70-0	87
3	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	81
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	45
5	Pentadecanal-	226	C15H30O	002765-11-9	43





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Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Integration Parameters: LSCINT.P

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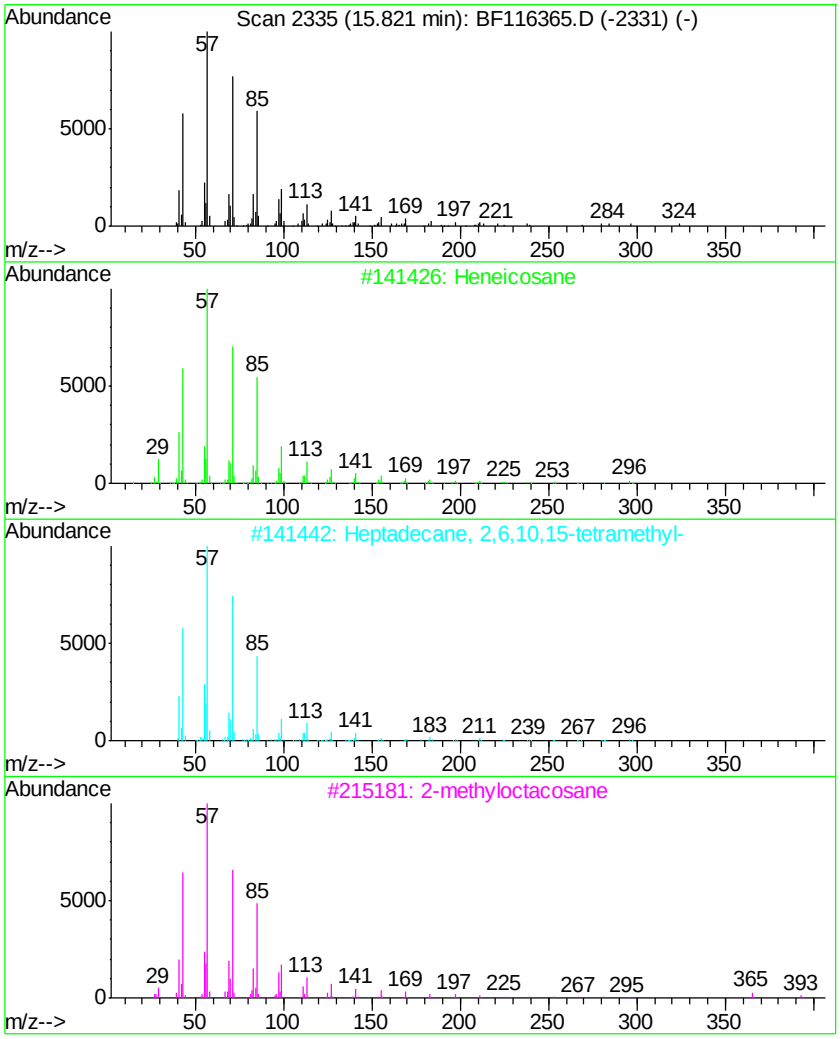
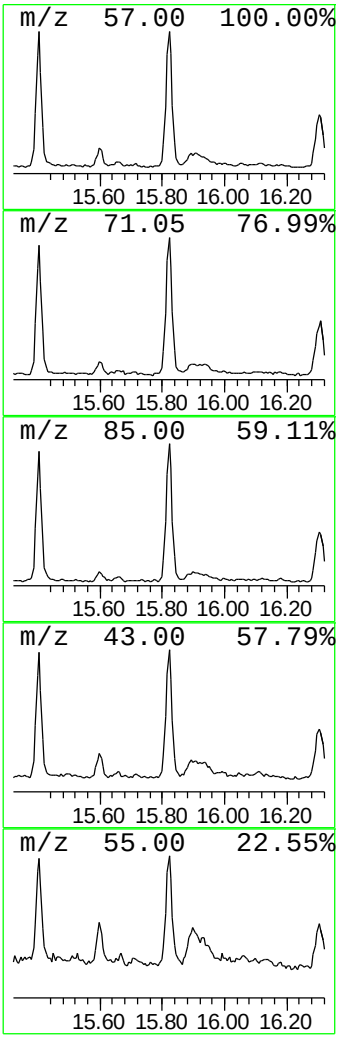
Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.14 ng	229401	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

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Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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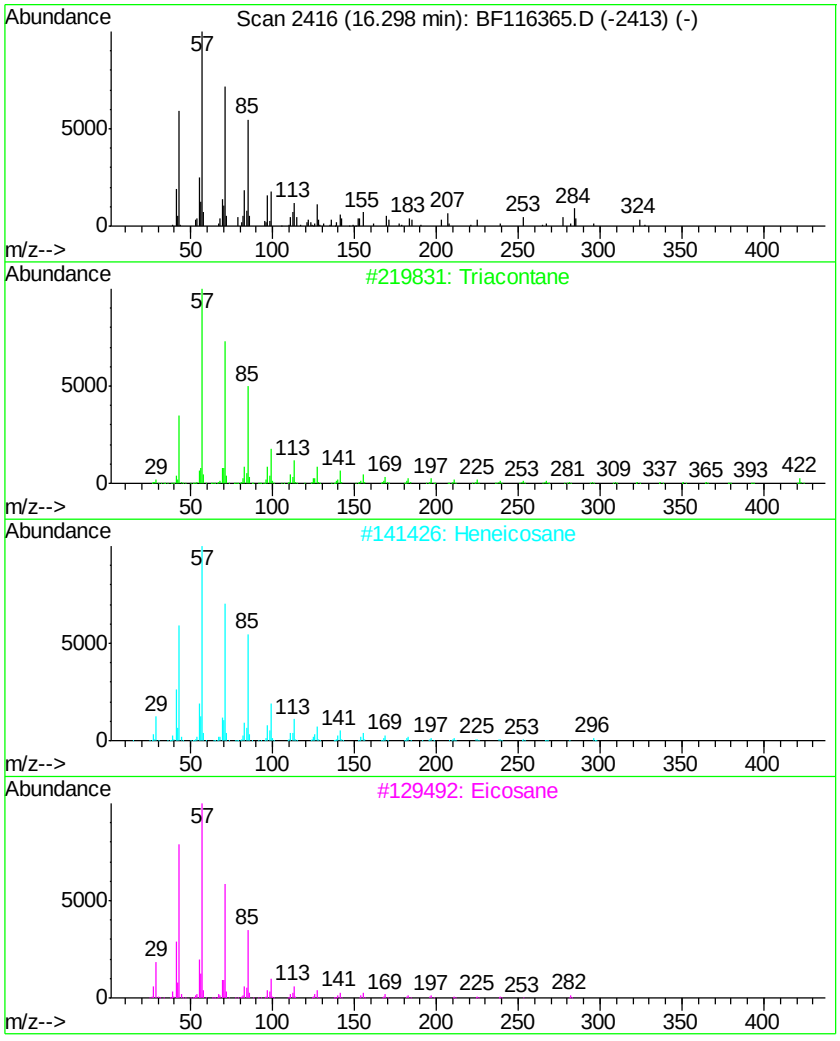
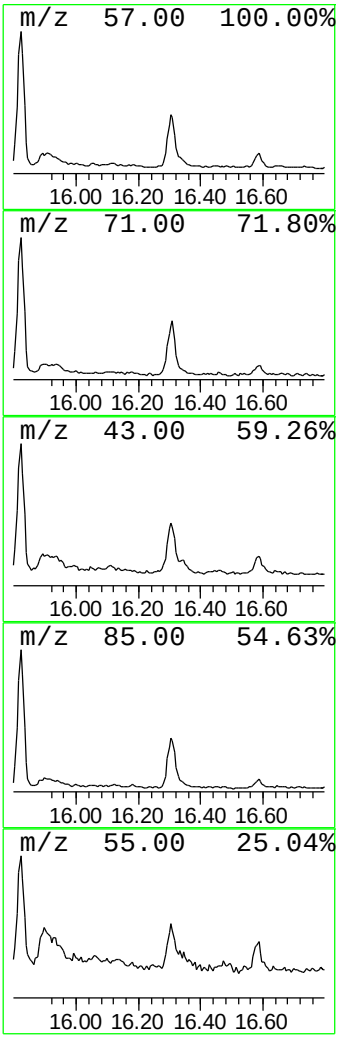
Peak Number 16 Triacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.32 ng	103608	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Docosane	310	C22H46	000629-97-0	83





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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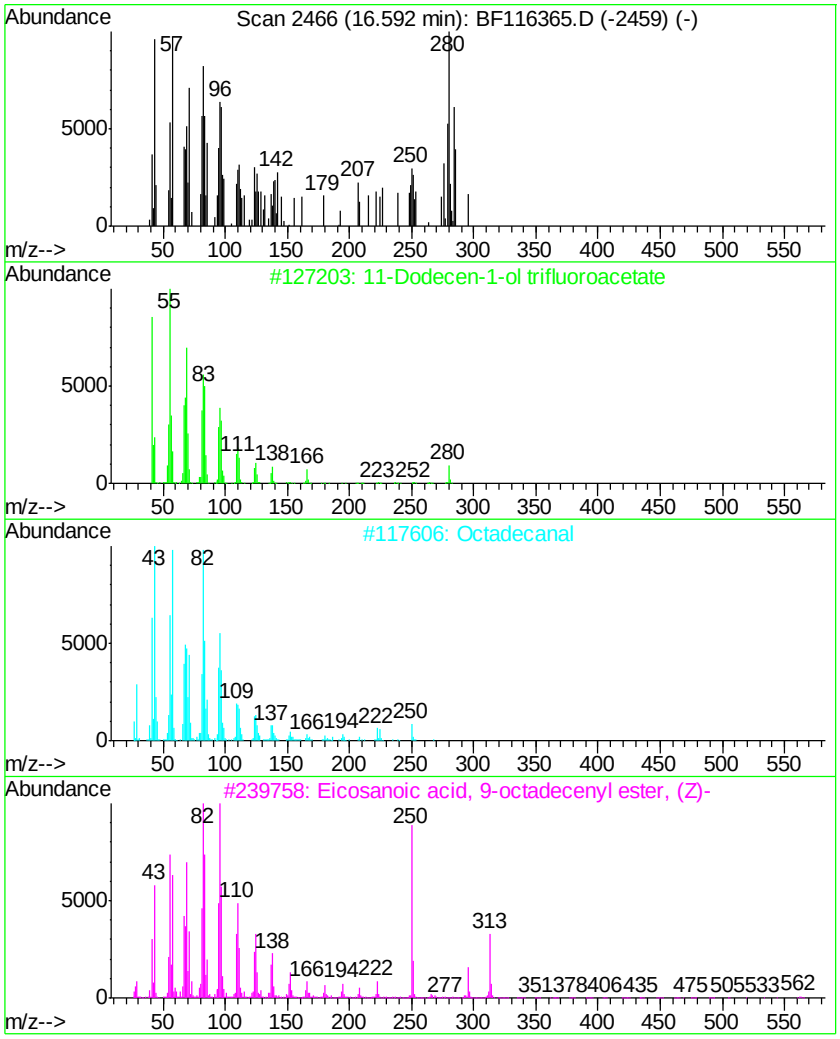
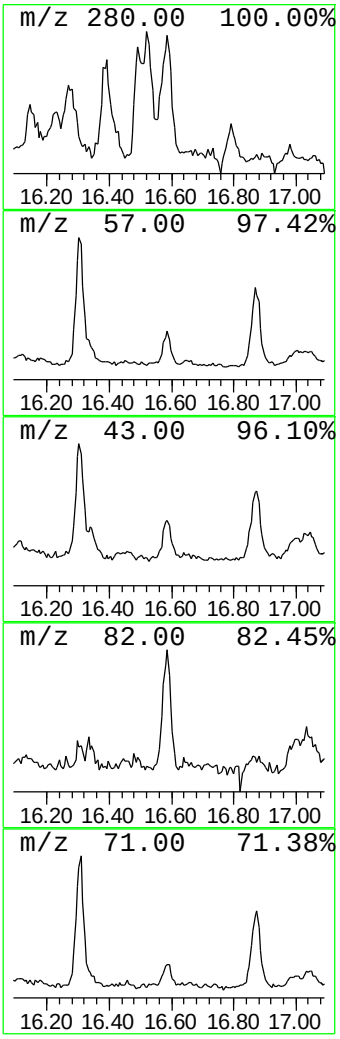
Peak Number 17 11-Dodecen-1-ol trifluoroac... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.37 ng	105894	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Dodecen-1-ol trifluoroacetate	280	C14H23F3O2	128792-46-1	95
2	Octadecanal	268	C18H36O	000638-66-4	43
3	Eicosanoic acid, 9-octadecenyl e...	563	C38H74O2	022393-96-0	43
4	1,19-Eicosadiene	278	C20H38	014811-95-1	41
5	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081719\
Data File : BF116365.D
Acq On : 17 Aug 2019 18:46
Operator : HP/JU
Sample : K4208-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02(0-2)

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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
unknown6.58	6.58	72.0	ng	3168480	1	6.81	880014	20.0
Anthracene, 9-met...	11.83	2.5	ng	156537	4	11.33	1268870	20.0
n-Hexadecanoic acid	11.86	13.7	ng	866319	4	11.33	1268870	20.0
Anthracene, 1-met...	11.94	2.0	ng	127385	4	11.33	1268870	20.0
Octadecanoic acid	12.63	6.4	ng	405044	4	11.33	1268870	20.0
Heptafluorobutyri...	13.80	7.0	ng	462858	5	13.97	1328060	20.0
11H-Benzo[a]fluor...	13.83	2.5	ng	163660	5	13.97	1328060	20.0
Heneicosane	14.42	5.1	ng	336006	5	13.97	1328060	20.0
Tetratetracontane	14.71	4.9	ng	218462	6	15.42	892333	20.0
Pyrido[2,3-g]indo...	14.86	3.3	ng	146425	6	15.42	892333	20.0
Benzo[e]pyrene	15.12	4.1	ng	183590	6	15.42	892333	20.0
Benzo[j]fluoranthene	15.30	5.7	ng	255511	6	15.42	892333	20.0
Octadecanal	15.60	2.2	ng	98744	6	15.42	892333	20.0
Heptadecane, 2,6,...	15.82	5.1	ng	229401	6	15.42	892333	20.0
Triacontane	16.30	2.3	ng	103608	6	15.42	892333	20.0
11-Dodecen-1-ol t...	16.59	2.4	ng	105894	6	15.42	892333	20.0