LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115649.D
Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(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-BF071219.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	2.157	4	12	36	rVB	368205	613730	7.57%	0.505%
2	5.504	576	581	601	rBV	1727509	2341757	28.88%	1.928%
3	5.639	601	604	616	rVB	72039	123067	1.52%	0.101%
4	6.175	691	695	698	rBV	341055	293995	3.63%	0.242%
5	6.510	747	752	755	rBV	2539904	2474495	30.52%	2.037%
6	6.651	772	776	780	rBV	2716264	2552648	31.49%	2.102%
7	6.728	786	789	801	rVB	67304	99283	1.22%	0.082%
8	6.881	812	815	819	rBV	988771	838013	10.34%	0.690%
9	7.039	838	842	845	rBV	2431911	2002083	24.70%	1.648%
10	7.439	905	910	913	rBV	1907149	1596949	19.70%	1.315%
11	8.163	1029	1033	1036	rBV	1380611	1102388	13.60%	0.908%
12	9.233	1211	1215	1219	rBV	3450218	3136002	38.68%	2.582%
13	9.357	1233	1236	1240	rVB	201973	180240	2.22%	0.148%
14	9.580	1270	1274	1278	rVV	4210412	3853949	47.54%	3.173%
15	9.622	1278	1281	1286	rVB	577048	494810	6.10%	0.407%
16	9.769	1303	1306	1309	rBV	119491	100793	1.24%	0.083%
17	9.892	1323	1327	1329	rVV	437168	432195	5.33%	0.356%
18	9.916	1329	1331	1334	rVV	1522216	1206259	14.88%	0.993%
19	9.945	1334	1336	1337	rVV	111228	85049	1.05%	0.070%
20	9.963	1337	1339	1343	rVB2	93709	86514	1.07%	0.071%
21	10.039	1349	1352	1355	rBV	237734	178749	2.20%	0.147%
22	10.080	1355	1359	1361	rVV2	85100	108502	1.34%	0.089%
23	10.116	1361	1365	1374	rVB3	76394	116344	1.44%	0.096%
24	10.433	1415	1419	1423	rBV	136848	121604	1.50%	0.100%
25	10.616	1447	1450	1452	rBV2	96508	111294	1.37%	0.092%
26	10.651	1452	1456	1460	rVV4	177025	361357	4.46%	0.297%
27	10.704	1460	1465	1477	rVB	1817432	2371776	29.26%	1.953%
28	11.016	1501	1518	1520	rBV2	2477800	8107217	100.00%	6.675%
29	11.398	1579	1583	1587	rBV	1580946	1328309	16.38%	1.094%
30	11.939	1666	1675	1689	rVB	3381807	6496983	80.14%	5.349%
31	12.345	1742	1744	1750	rVB	79459	96113	1.19%	0.079%
32	12.527	1771	1775	1779	rBV5	75028	123626	1.52%	0.102%
33	12.580	1781	1784	1786	rVB	91160	86753	1.07%	0.071%
34	12.615	1786	1790	1792	rBV2	284344	415688	5.13%	0.342%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.727	1800	1809	1814	rBV	3758315	6971408	85.99%	5.739%
36	12.980	1848	1852	1856	rVB	3374096	3167645	39.07%	2.608%
37	13.210	1889	1891	1895	rVV2	95793	86173	1.06%	0.071%
38	13.251	1895	1898	1903	rVV	154102	183739	2.27%	0.151%
39	13.304	1903	1907	1912	rVB	499005	583426	7.20%	0.480%
40	13.380	1917	1920	1924	rVB	332483	265890	3.28%	0.219%
41	13.462	1931	1934	1939	rVB2	82139	119848	1.48%	0.099%
42	13.627	1959	1962	1967	rVB	178025	159159	1.96%	0.131%
43	13.745	1977	1982	1984	rBV	4395961	4613732	56.91%	3.798%
44	13.768	1984	1986	1997	rVB	1574707	1525937	18.82%	1.256%
45	13.880	2002	2005	2010	rVB	146214	141937	1.75%	0.117%
46	13.933	2010	2014	2025	rBV	220712	394681	4.87%	0.325%
47	14.033	2027	2031	2034	rBV	1187524	1070333	13.20%	0.881%
48	14.180	2051	2056	2062	rBV	3328507	4019904	49.58%	3.310%
49	14.280	2070	2073	2083	rVV5	58934	121265	1.50%	0.100%
50	14.504	2106	2111	2115	rBV	1339828	1381117	17.04%	1.137%
51	14.562	2115	2121	2130	rBV	4484384	6060230	74.75%	4.989%
52	14.809	2156	2163	2172	rVB	1948692	2562639	31.61%	2.110%
53	14.886	2173	2176	2178	rBV	146949	150361	1.85%	0.124%
54	14.939	2178	2185	2196	rVV	4750433	7385108	91.09%	6.080%
55	15.151	2216	2221	2225	rBV	2139820	2849572	35.15%	2.346%
56	15.351	2247	2255	2259	rBV	4555897	7568303	93.35%	6.231%
57	15.504	2276	2281	2283	rBV	792121	1044987	12.89%	0.860%
58	15.539	2283	2287	2293	rVB	2154693	2963905	36.56%	2.440%
59	15.615	2296	2300	2305	rVV	271314	379724	4.68%	0.313%
60	15.674	2306	2310	2317	rVB	116050	172413	2.13%	0.142%
61	15.809	2324	2333	2346	rBV	3788672	7088592	87.44%	5.836%
62	15.974	2354	2361	2367	rBV	1746869	2814053	34.71%	2.317%
63	16.145	2382	2390	2395	rBV3	326318	761871	9.40%	0.627%
64	16.280	2409	2413	2414	rBV2	68128	88604	1.09%	0.073%
65	16.333	2414	2422	2436	rVB	2726891	5368547	66.22%	4.420%
66	16.474	2440	2446	2460	rVB	797095	1518309	18.73%	1.250%
67	16.768	2492	2496	2503	rVB	66083	121490	1.50%	0.100%
68	16.939	2517	2525	2534	rBV	859855	1895545	23.38%	1.561%
69	17.074	2542	2548	2557	rBV2	222758	513431	6.33%	0.423%
70	17.156	2557	2562	2567	rVB8	74688	140897	1.74%	0.116%
71	17.498	2612	2620	2623	rBV8	128184	352637	4.35%	0.290%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-6(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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.650	2639	2646	2658	rVB	309117	777820	9.59%	0.640%
73	18.503	2783	2791	2802	rVB2	137352	440963	5.44%	0.363%

Sum of corrected areas: 121464729

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
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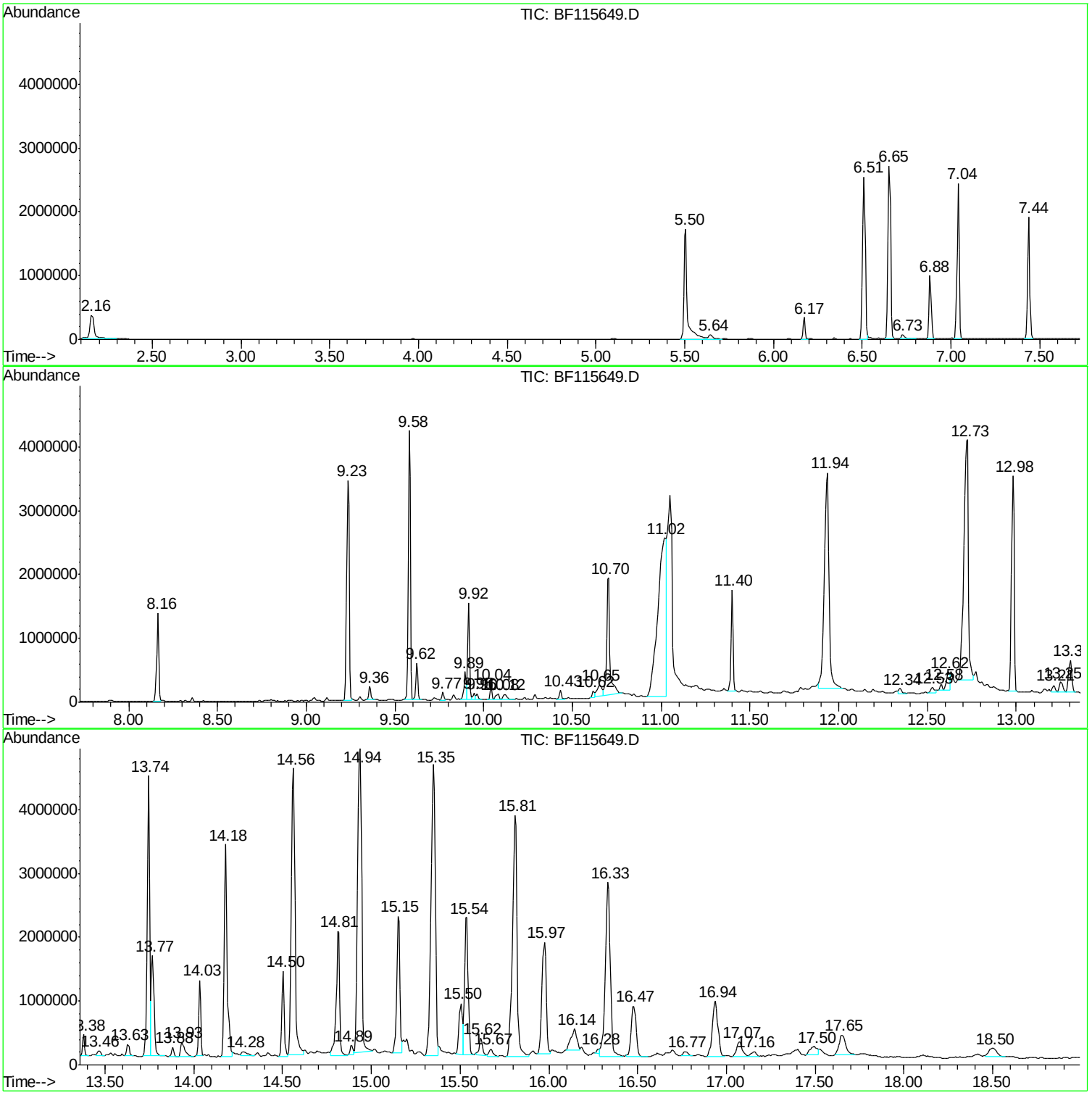
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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\BF071819\
Data File : BF115649.D
Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
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Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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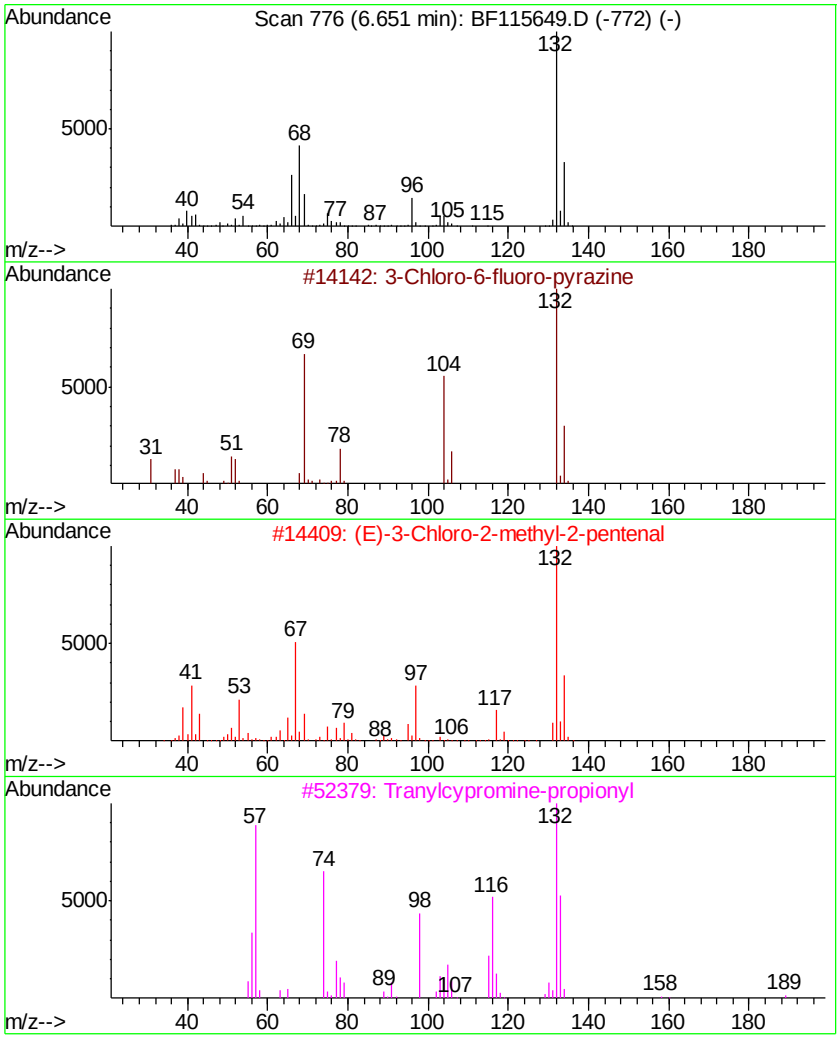
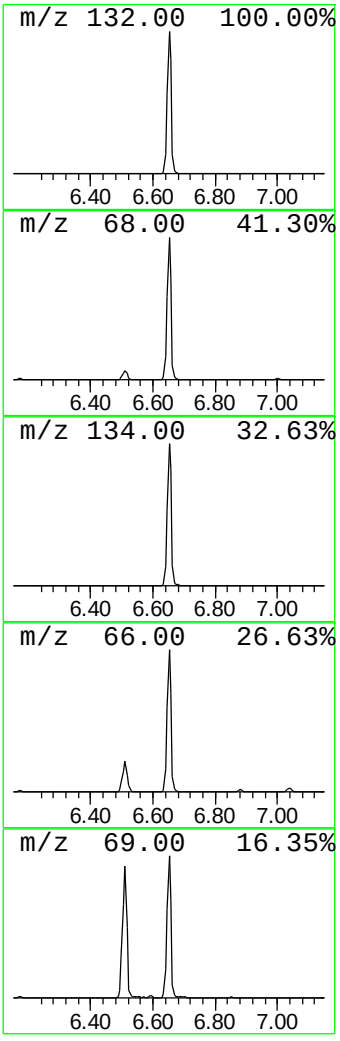
Peak Number 1 unknown6.65 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	60.92 ng	2552650	1,4-Dichlorobenzene-d4	6.88

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	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115649.D
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Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

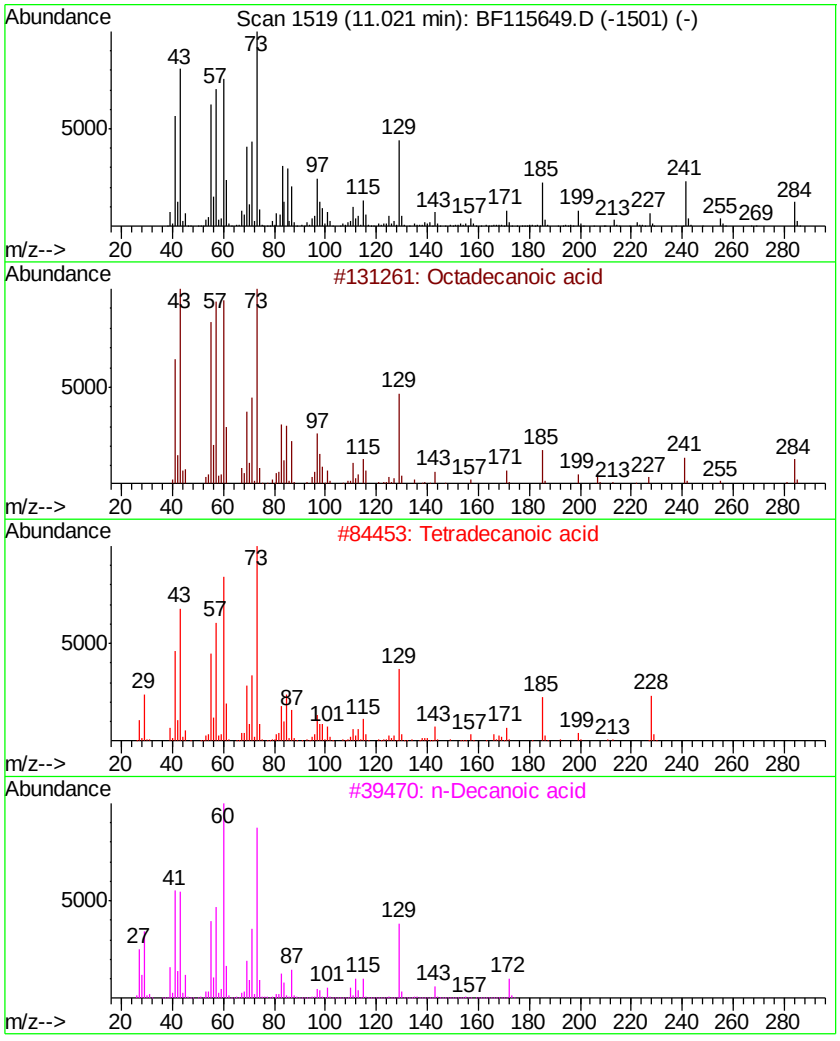
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

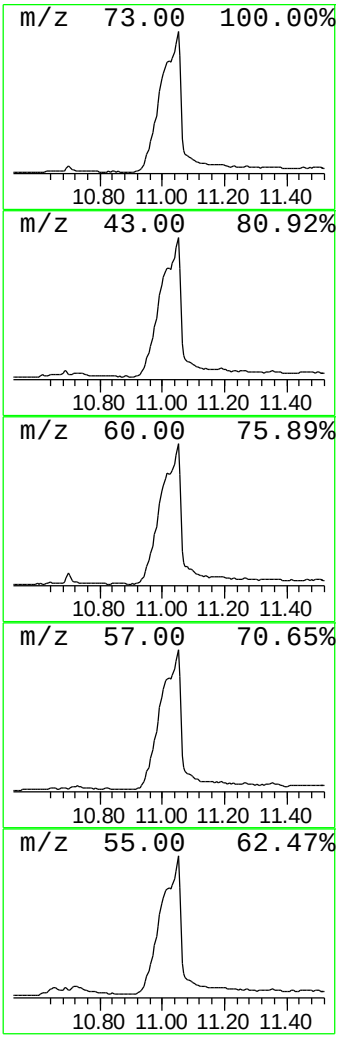
****

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	122.07 ng	8107220	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115649.D
Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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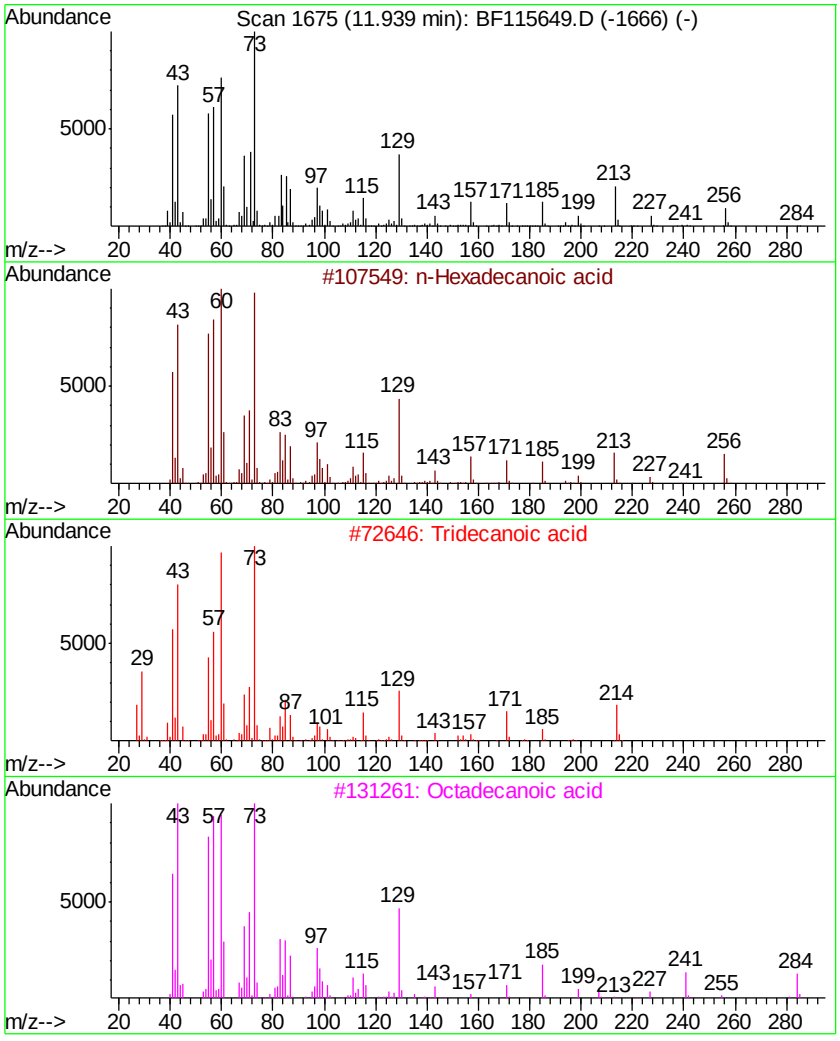
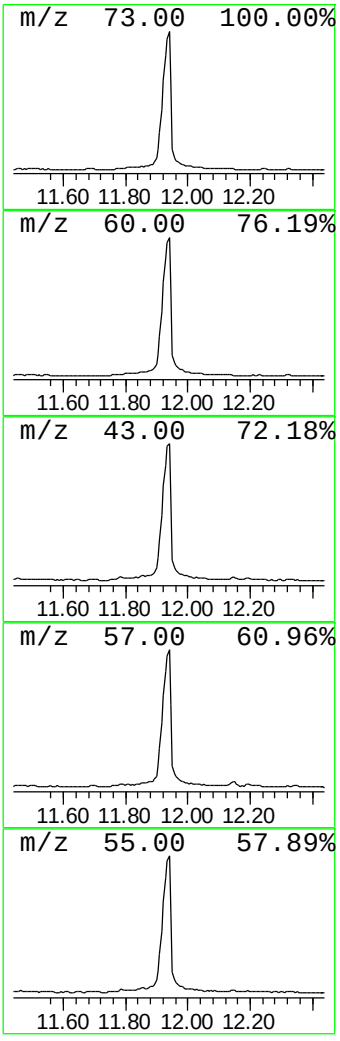
Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	97.82 ng	6496980	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

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ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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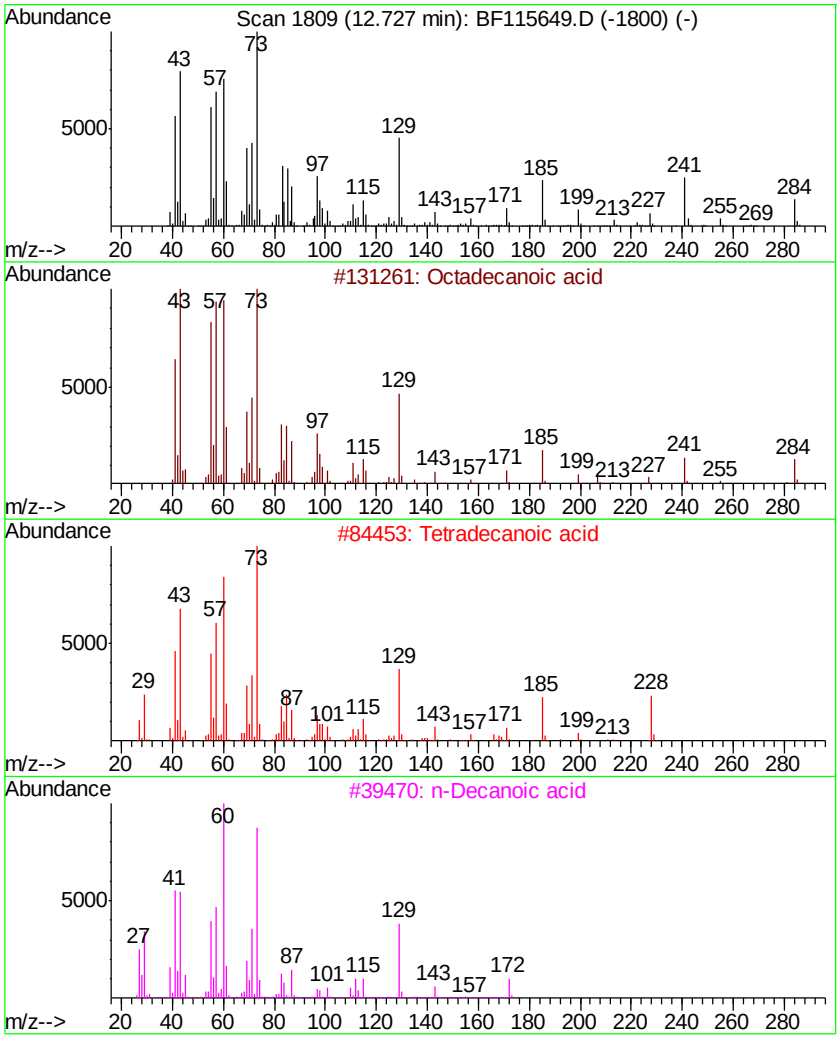
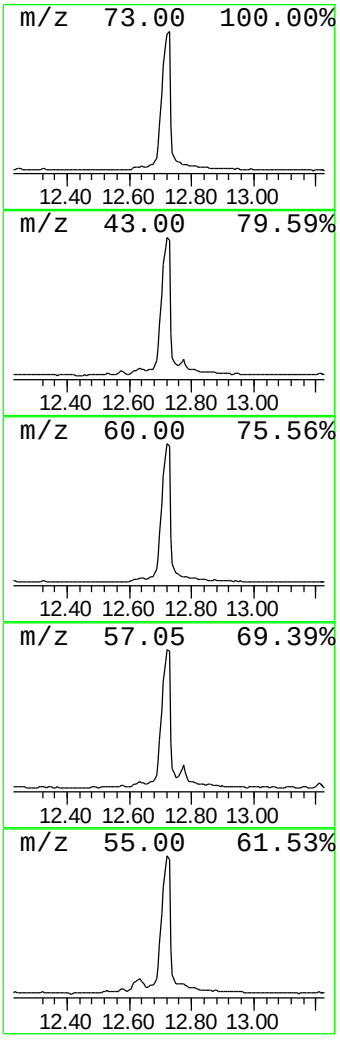
Peak Number 5 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	130.27 ng	6971410	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	25





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Sample : K3835-43
Misc :
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Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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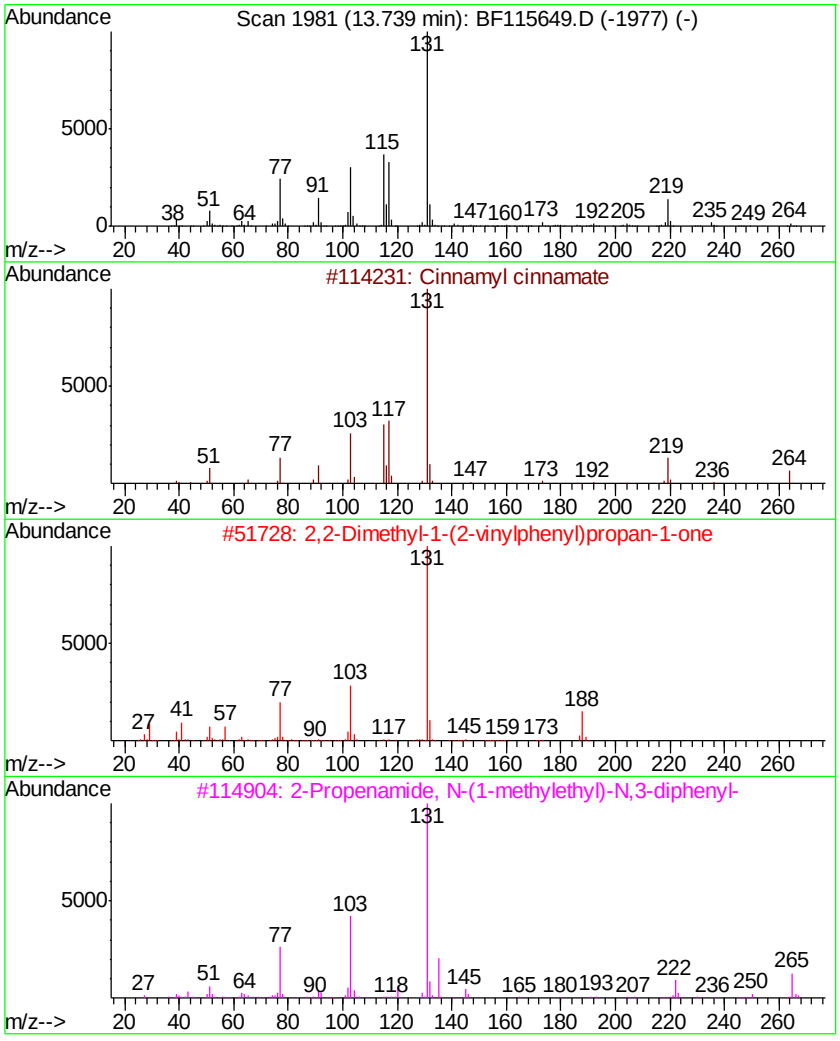
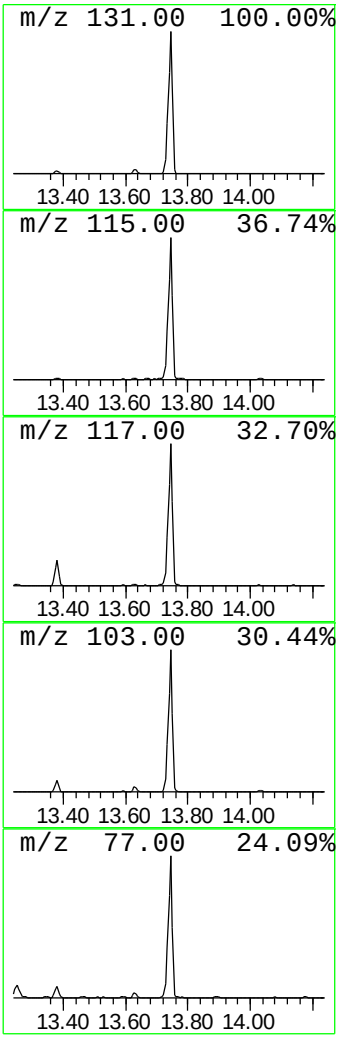
Peak Number 6 Cinnamyl cinnamate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	86.21 ng	4613730	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
3	2-Propenamide, N-(1-methylethyl)...	265	C18H19NO	055044-37-6	50
4	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	50
5	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50





Library Search Compound Report

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Data File : BF115649.D
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Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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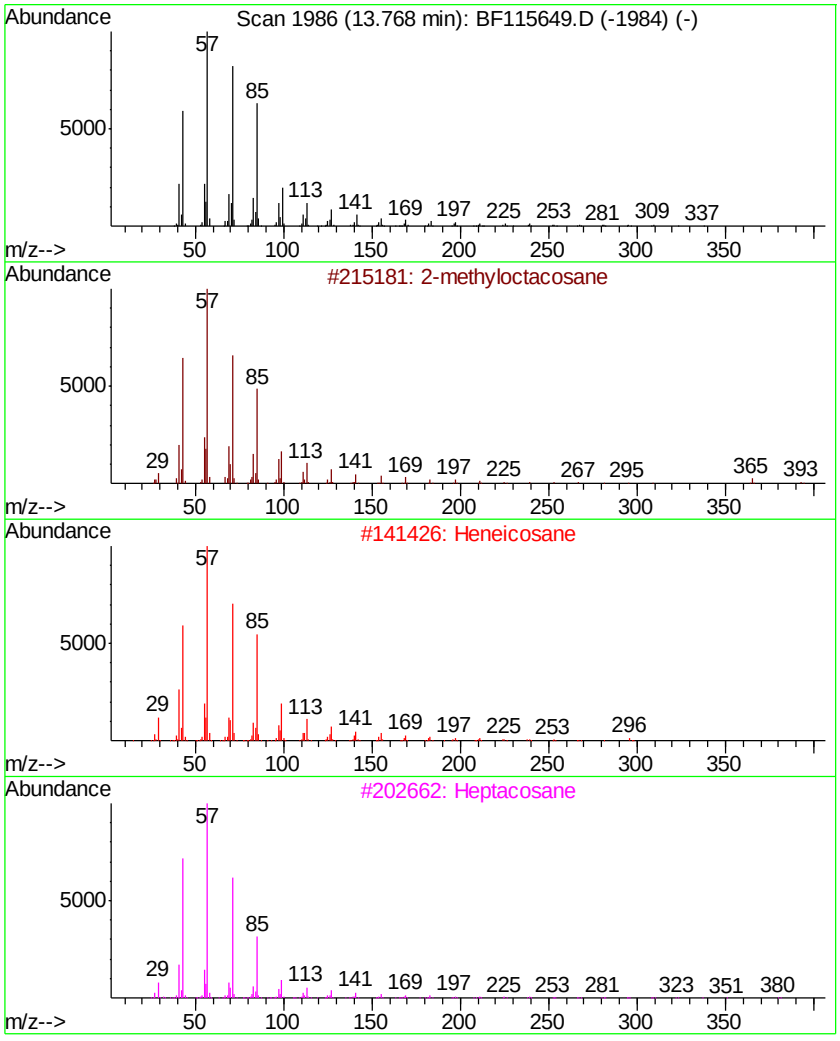
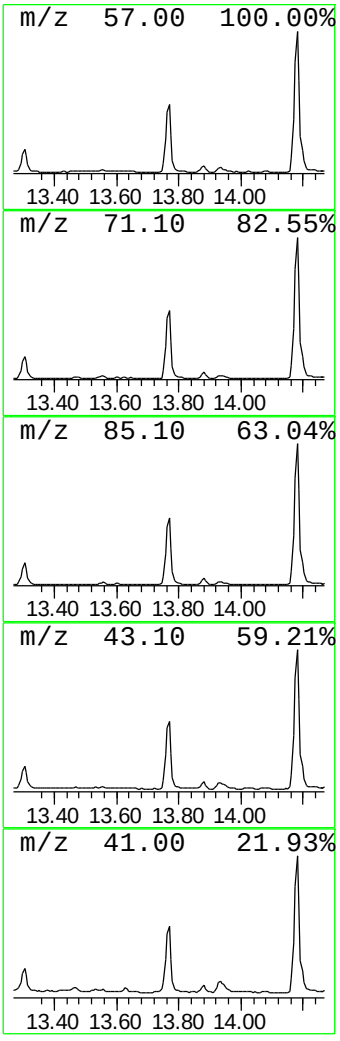
Peak Number 7 2-methyloctacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	28.51 ng	1525940	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115649.D
Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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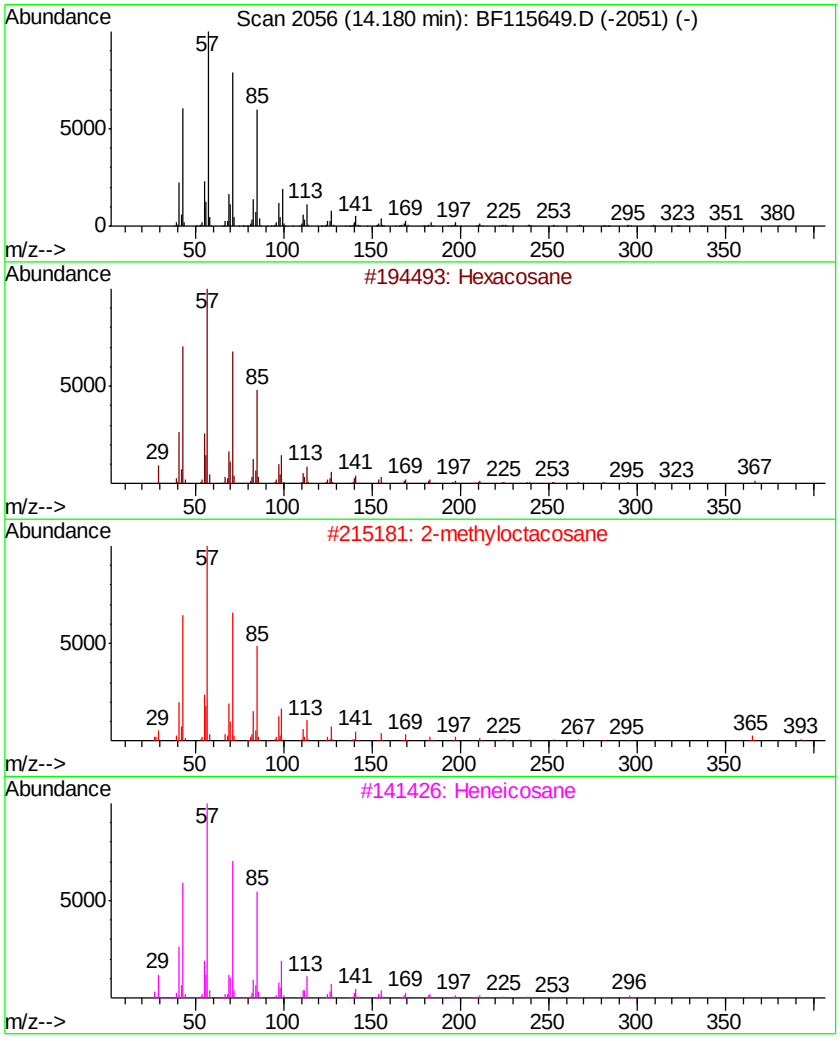
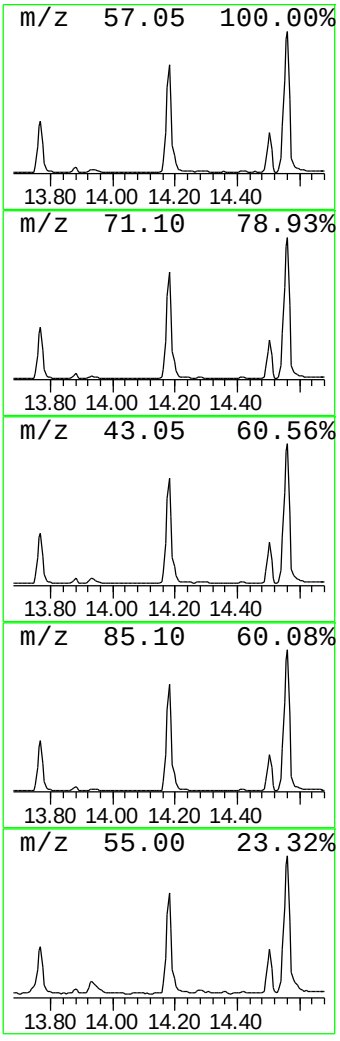
Peak Number 8 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	75.12 ng	4019900	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Data File : BF115649.D
Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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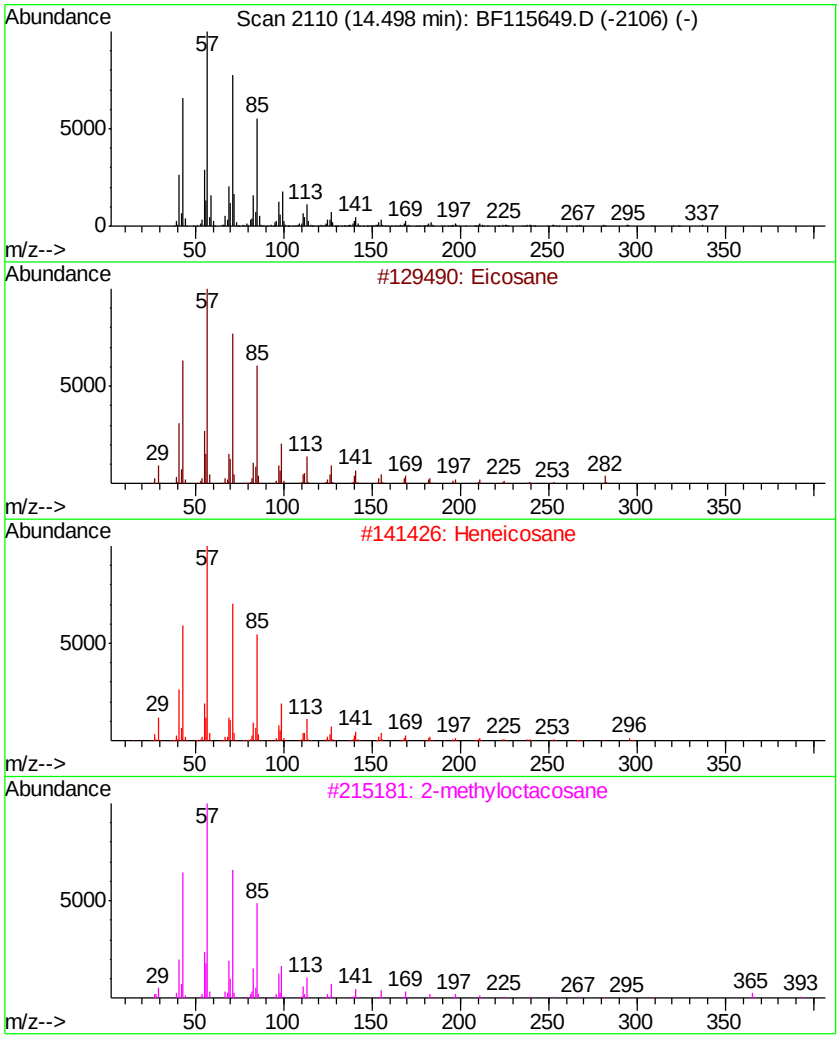
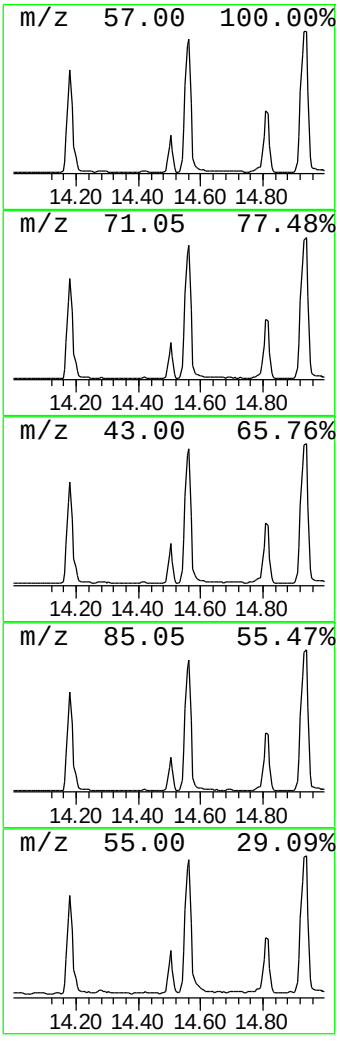
Peak Number 9 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	25.81 ng	1381120	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Octadecane	254	C18H38	000593-45-3	87





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Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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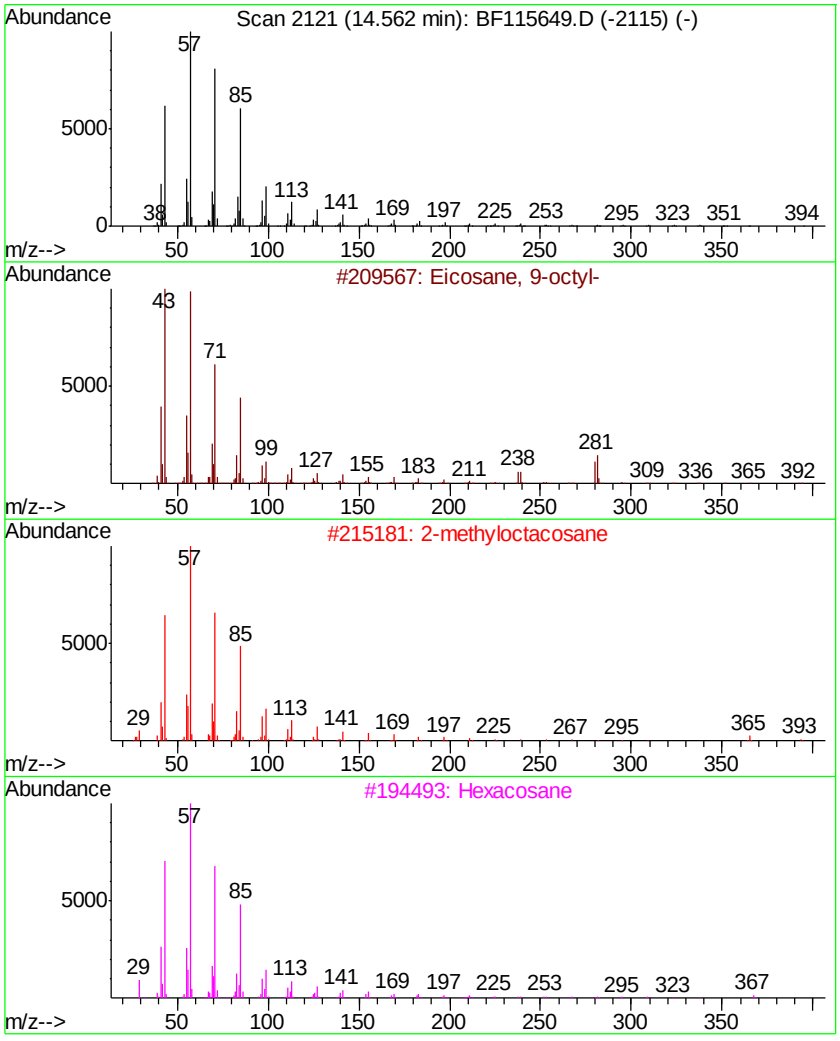
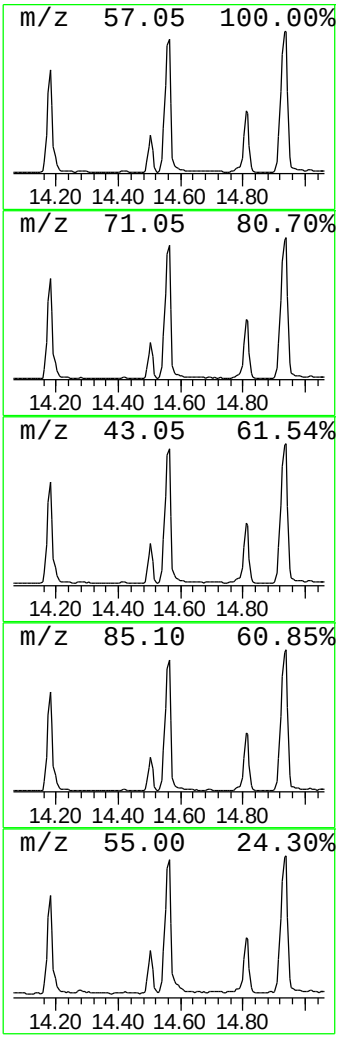
Peak Number 10 Eicosane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	113.24 ng	6060230	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





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Data File : BF115649.D
Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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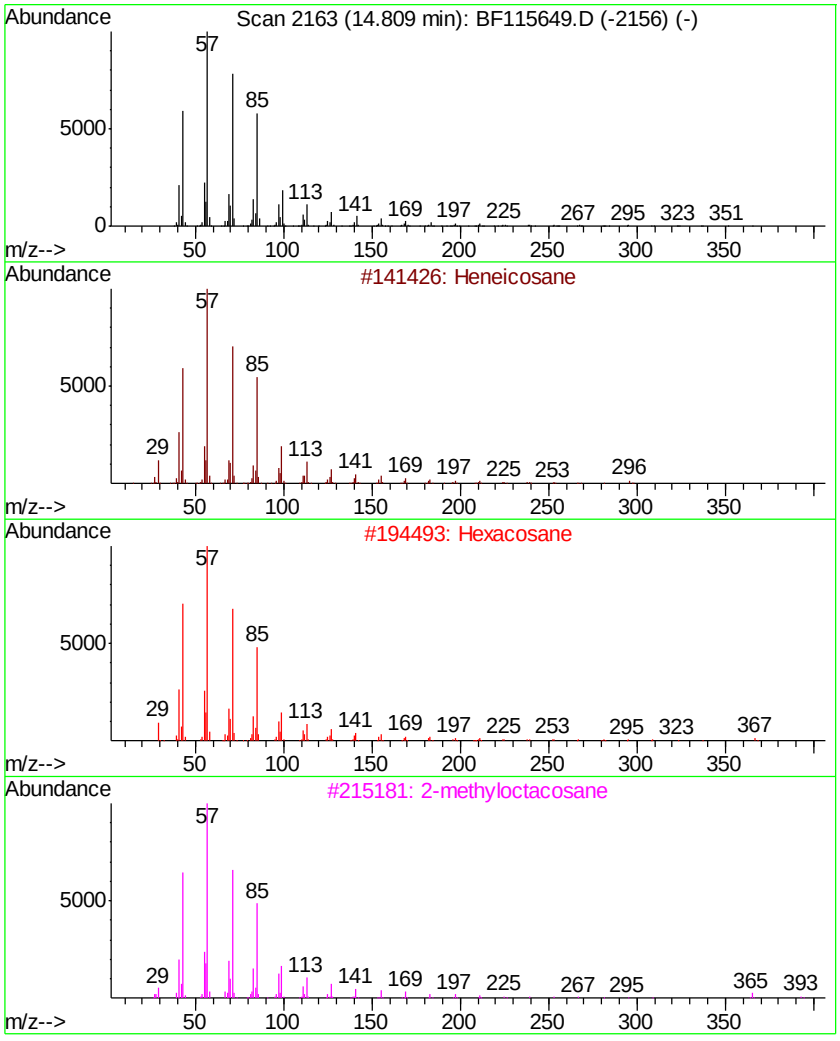
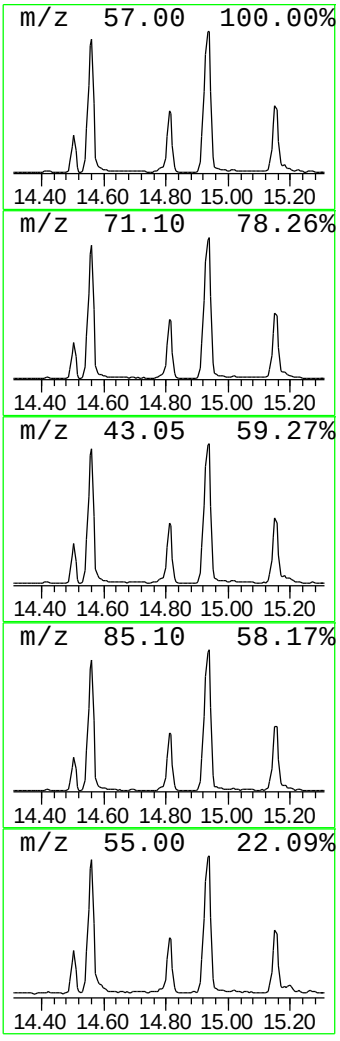
Peak Number 11 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	49.05 ng	2562640	Perylene-d12	15.50

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	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115649.D
Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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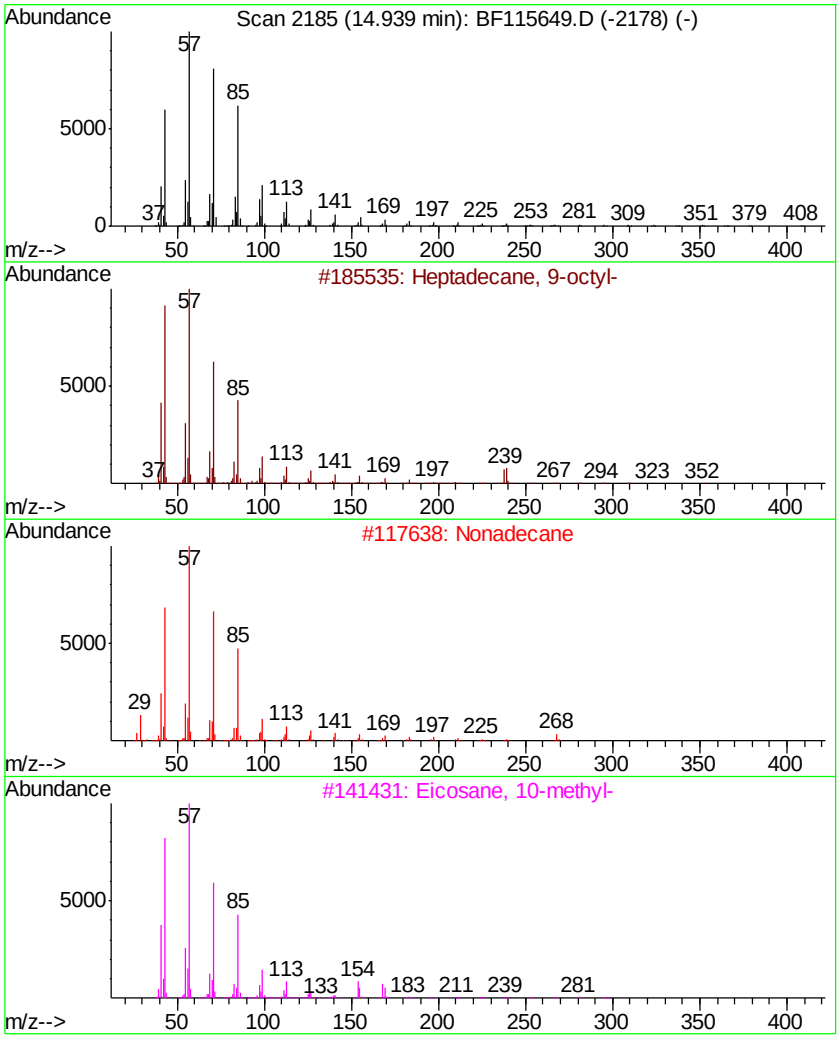
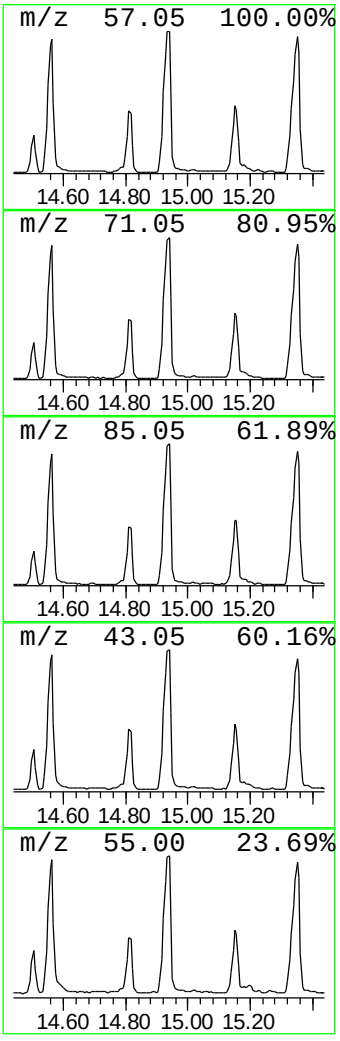
Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	141.34 ng	7385110	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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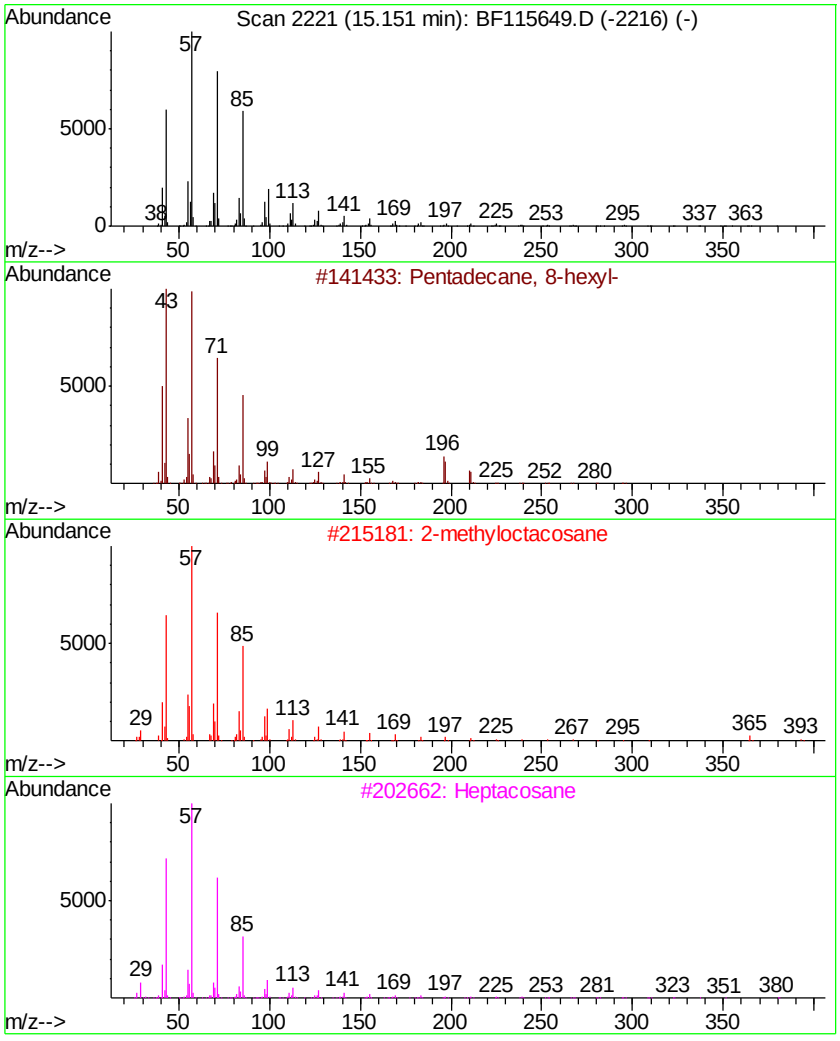
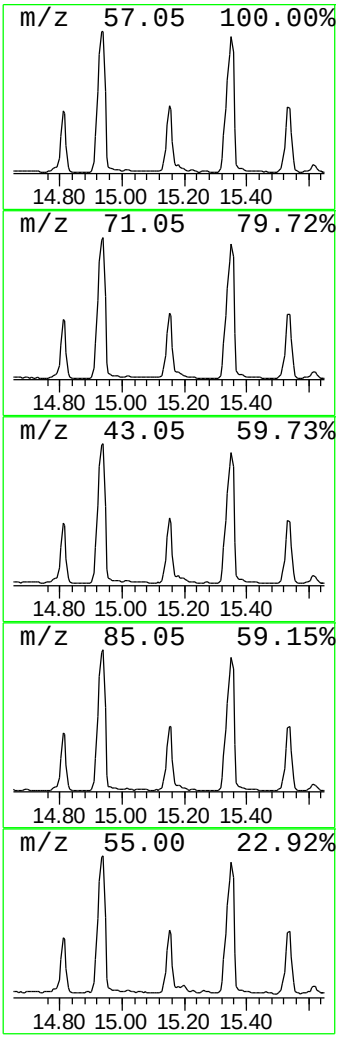
Peak Number 13 Pentadecane, 8-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	54.54 ng	2849570	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91





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Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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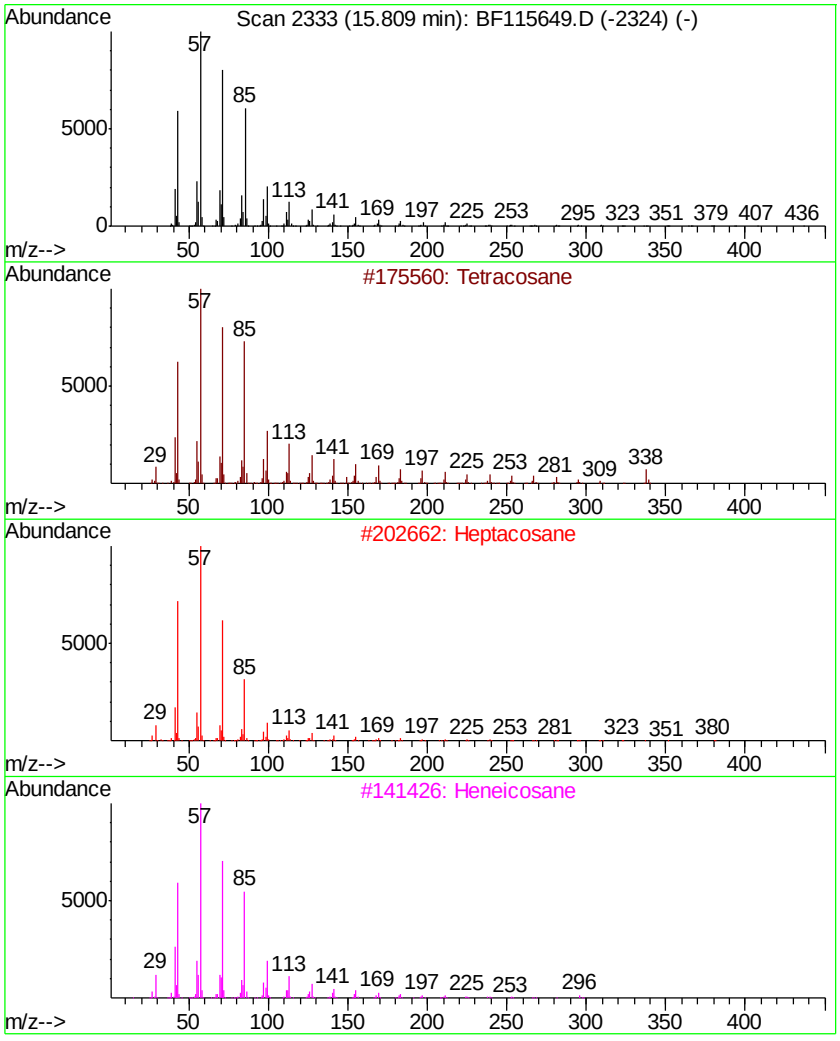
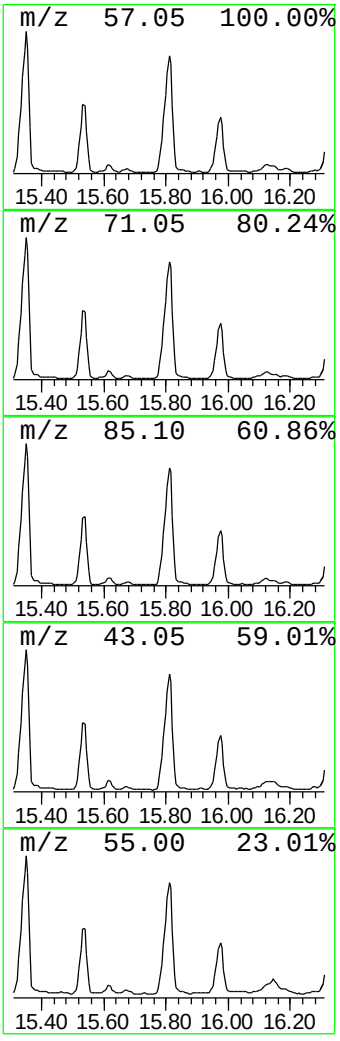
Peak Number 15 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	135.67 ng	7088590	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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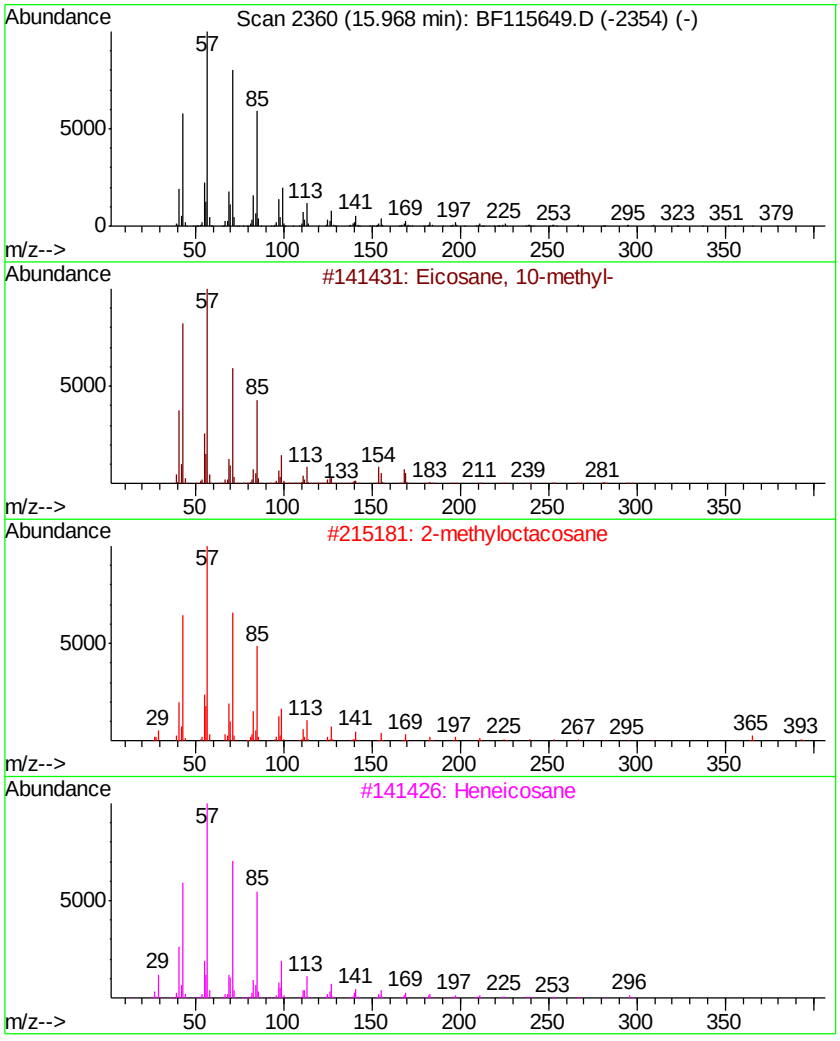
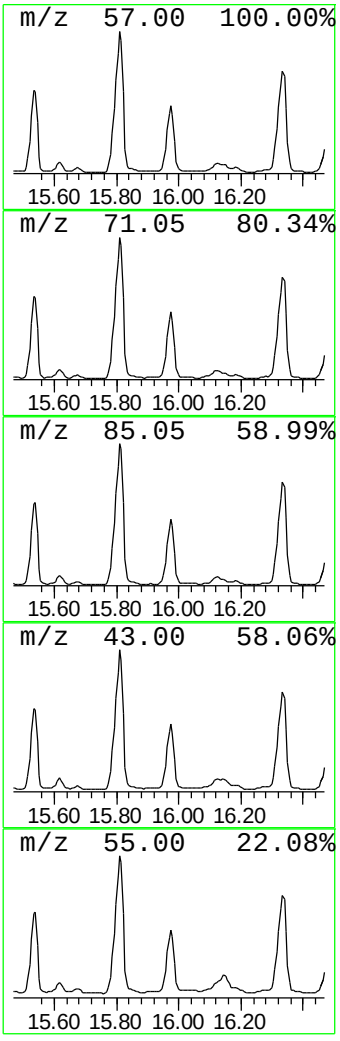
Peak Number 16 Eicosane, 10-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	53.86 ng	2814050	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane	254	C18H38	000593-45-3	90





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Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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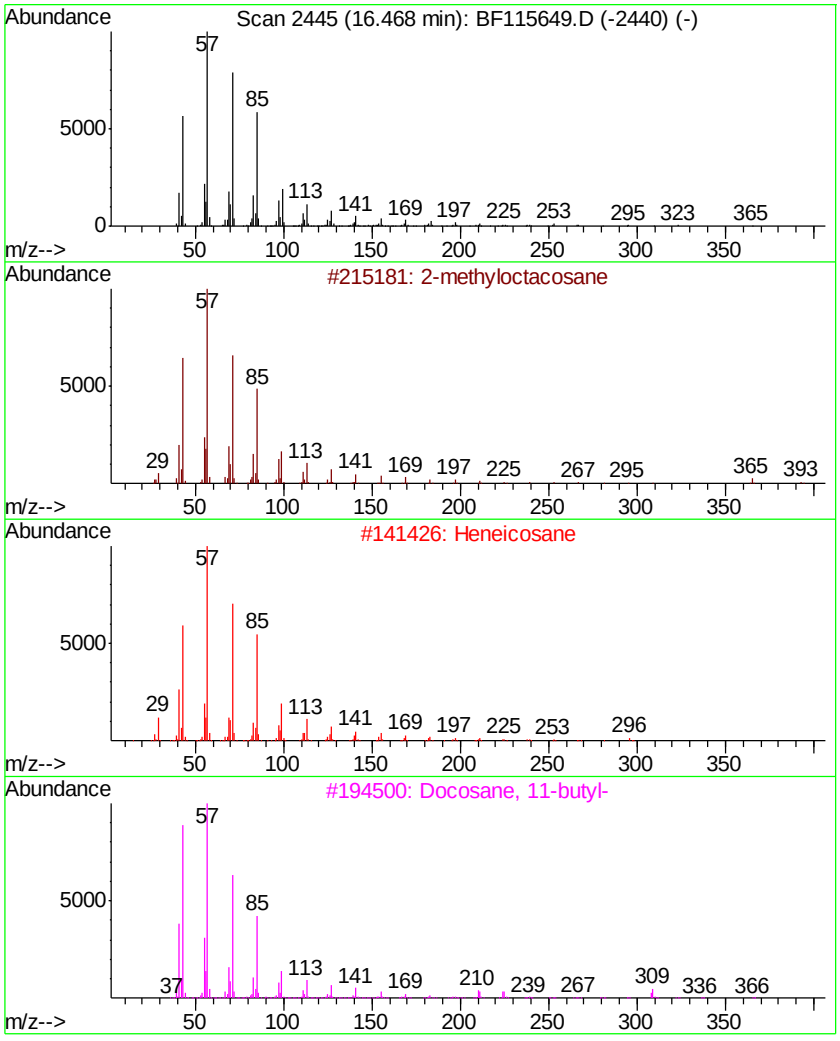
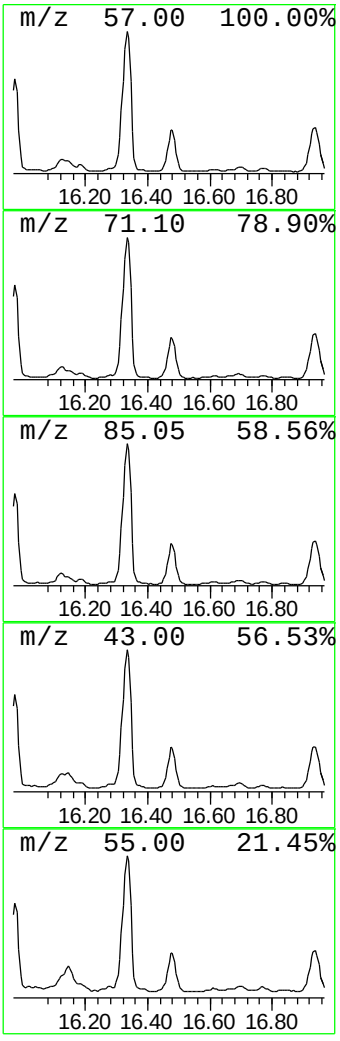
Peak Number 18 Docosane, 11-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	29.06 ng	1518310	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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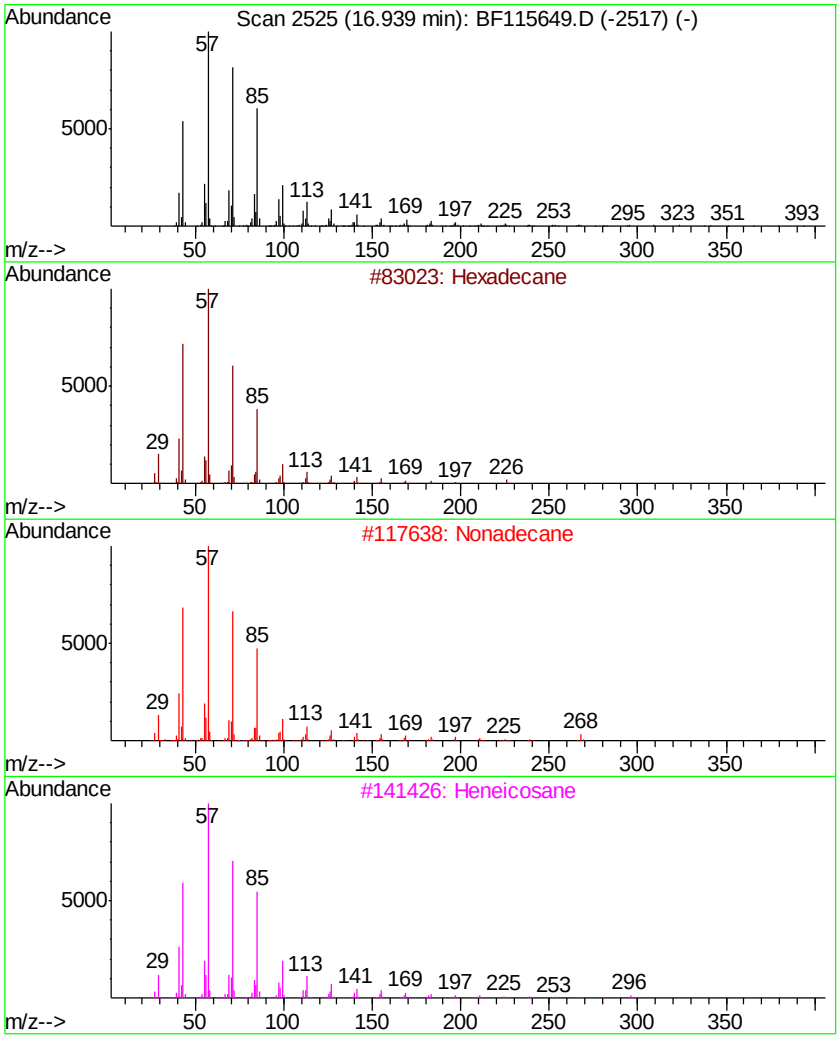
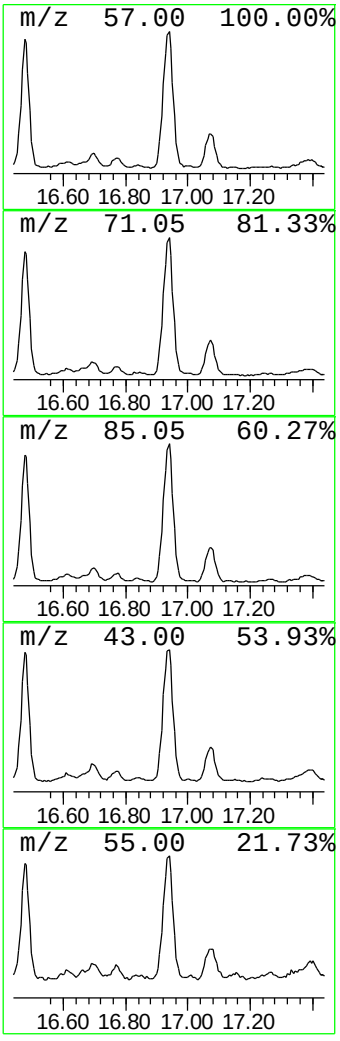
Peak Number 19 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	36.28 ng	1895550	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





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Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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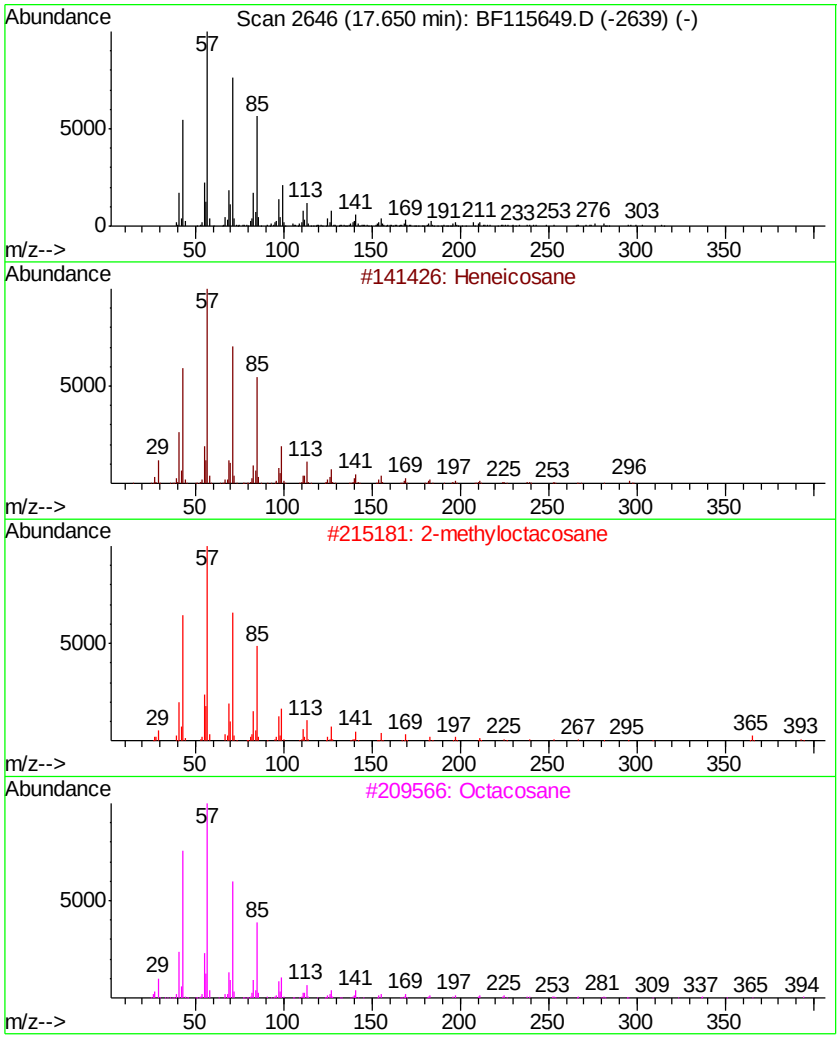
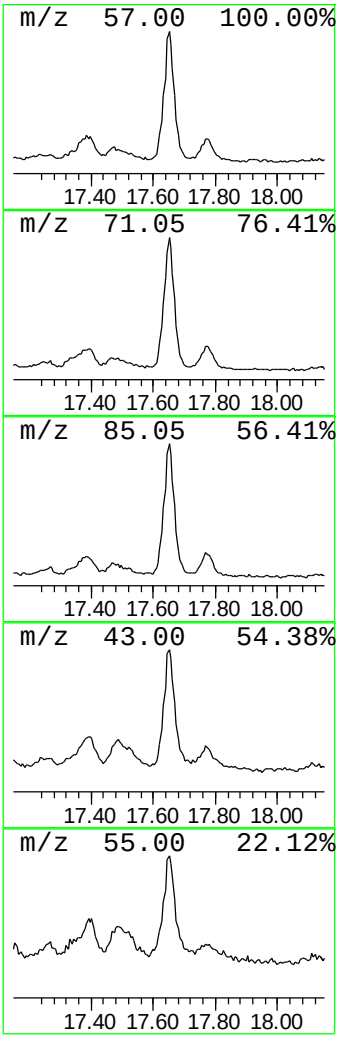
Peak Number 20 Heneicosane, 11-decyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	14.89 ng	777820	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071819\
Data File : BF115649.D
Acq On : 18 Jul 2019 16:03
Operator : HP/JU
Sample : K3835-43
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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
unknown6.65	6.65	60.9	ng	2552650	1	6.88	838013	20.0
Octadecanoic acid	11.02	122.1	ng	8107220	4	11.40	1328310	20.0
n-Hexadecanoic acid	11.94	97.8	ng	6496980	4	11.40	1328310	20.0
Tetradecanoic acid	12.73	130.3	ng	6971410	5	14.03	1070330	20.0
Cinnamyl cinnamate	13.74	86.2	ng	4613730	5	14.03	1070330	20.0
2-methyloctacosane	13.77	28.5	ng	1525940	5	14.03	1070330	20.0
Hexacosane	14.18	75.1	ng	4019900	5	14.03	1070330	20.0
Eicosane	14.50	25.8	ng	1381120	5	14.03	1070330	20.0
Eicosane, 9-octyl-	14.56	113.2	ng	6060230	5	14.03	1070330	20.0
Heneicosane	14.81	49.0	ng	2562640	6	15.50	1044990	20.0
Heptadecane, 9-oc...	14.94	141.3	ng	7385110	6	15.50	1044990	20.0
Pentadecane, 8-he...	15.15	54.5	ng	2849570	6	15.50	1044990	20.0
Tetracosane	15.81	135.7	ng	7088590	6	15.50	1044990	20.0
Eicosane, 10-methyl-	15.97	53.9	ng	2814050	6	15.50	1044990	20.0
Docosane, 11-butyl-	16.47	29.1	ng	1518310	6	15.50	1044990	20.0
Hexadecane	16.94	36.3	ng	1895550	6	15.50	1044990	20.0
Heneicosane, 11-d...	17.65	14.9	ng	777820	6	15.50	1044990	20.0