LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115900.D
Acq On : 1 Aug 2019 11:52
Operator : HP/JU
Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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	3.910	301	310	325	rBV	273690	397869	4.42%	0.546%
2	5.469	572	575	602	rBV	449436	607614	6.75%	0.834%
3	6.481	744	747	763	rBV	663136	681198	7.56%	0.935%
4	6.622	767	771	779	rBV	825729	697552	7.75%	0.957%
5	6.851	806	810	818	rBV	1052763	851389	9.45%	1.169%
6	7.010	833	837	843	rBV	597351	552076	6.13%	0.758%
7	7.410	901	905	916	rVB	432866	430735	4.78%	0.591%
8	8.133	1023	1028	1034	rBV	1346561	1168440	12.97%	1.604%
9	8.727	1126	1129	1133	rBV2	122494	125673	1.40%	0.172%
10	9.210	1207	1211	1216	rBV	1092310	871848	9.68%	1.197%
11	9.298	1221	1226	1230	rBV	214729	233347	2.59%	0.320%
12	9.474	1250	1256	1260	rBV5	95062	132548	1.47%	0.182%
13	9.604	1275	1278	1282	rBV2	254932	294712	3.27%	0.404%
14	9.827	1308	1316	1320	rBV	345063	359946	4.00%	0.494%
15	9.892	1324	1327	1332	rVB	1465085	1268688	14.09%	1.741%
16	10.104	1358	1363	1367	rVV5	133073	232676	2.58%	0.319%
17	10.145	1367	1370	1375	rVV5	88197	125601	1.39%	0.172%
18	10.322	1394	1400	1403	rBV	427313	443647	4.93%	0.609%
19	10.545	1433	1438	1444	rBV2	169598	266620	2.96%	0.366%
20	10.680	1456	1461	1465	rBV2	431371	436074	4.84%	0.599%
21	10.798	1478	1481	1489	rBV	513811	536445	5.96%	0.736%
22	11.245	1554	1557	1560	rBV	482072	374270	4.16%	0.514%
23	11.274	1560	1562	1568	rVB	164420	192532	2.14%	0.264%
24	11.380	1576	1580	1583	rBV	1268468	1094322	12.15%	1.502%
25	11.639	1613	1624	1627	rBV3	248863	723395	8.03%	0.993%
26	11.674	1627	1630	1632	rVB	341039	312960	3.48%	0.430%
27	11.774	1643	1647	1650	rBV	4499566	3988321	44.29%	5.474%
28	11.927	1664	1673	1679	rBV	2259758	3344059	37.13%	4.590%
29	12.080	1696	1699	1704	rVB	311160	291063	3.23%	0.399%
30	12.468	1759	1765	1767	rBV	5935288	9005351	100.00%	12.360%
31	12.492	1767	1769	1774	rVV2	6294596	6535489	72.57%	8.970%
32	12.563	1778	1781	1784	rBV	2145164	1960129	21.77%	2.690%
33	12.604	1784	1788	1789	rVV2	477604	513330	5.70%	0.705%
34	12.627	1789	1792	1799	rVV	797222	1204443	13.37%	1.653%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115900.D
Acq On : 1 Aug 2019 11:52
Operator : HP/JU
Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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	12.715	1799	1807	1819	rVV	3046624	4819656	53.52%	6.615%
36	12.839	1826	1828	1830	rBV	160771	188461	2.09%	0.259%
37	12.868	1830	1833	1845	rVB	632008	1529410	16.98%	2.099%
38	12.963	1846	1849	1853	rVB	818129	739591	8.21%	1.015%
39	13.198	1886	1889	1890	rBV	163758	181632	2.02%	0.249%
40	13.286	1901	1904	1908	rVB	244912	206476	2.29%	0.283%
41	13.321	1908	1910	1915	rBV4	146011	212097	2.36%	0.291%
42	13.368	1915	1918	1921	rBV2	142408	179135	1.99%	0.246%
43	13.533	1945	1946	1950	rVB	134596	111717	1.24%	0.153%
44	13.645	1959	1965	1972	rBV	1375526	2536180	28.16%	3.481%
45	13.715	1973	1977	1982	rVB2	211148	314169	3.49%	0.431%
46	13.810	1990	1993	1996	rVB	159281	185161	2.06%	0.254%
47	13.851	1997	2000	2003	rBV2	278001	400714	4.45%	0.550%
48	13.886	2003	2006	2012	rVB	584438	592959	6.58%	0.814%
49	13.957	2015	2018	2023	rVB	265278	233707	2.60%	0.321%
50	14.021	2026	2029	2032	rBV	941660	921292	10.23%	1.264%
51	14.180	2052	2056	2061	rBV	441865	456325	5.07%	0.626%
52	14.251	2062	2068	2076	rBV	1718279	3009135	33.41%	4.130%
53	14.486	2104	2108	2112	rBV	947768	967951	10.75%	1.328%
54	14.574	2121	2123	2127	rVB	129173	128403	1.43%	0.176%
55	14.768	2150	2156	2158	rBV	1672760	2647421	29.40%	3.634%
56	14.792	2158	2160	2164	rVB	1433433	1503872	16.70%	2.064%
57	14.909	2177	2180	2189	rVB	363064	476082	5.29%	0.653%
58	15.133	2213	2218	2228	rVB	1696509	2218203	24.63%	3.044%
59	15.321	2244	2250	2256	rBV	943080	1730117	19.21%	2.375%
60	15.509	2276	2282	2290	rVB2	1509191	2943477	32.69%	4.040%
61	15.951	2351	2357	2365	rBV	1276458	2252402	25.01%	3.091%
62	16.456	2438	2443	2450	rVB	509969	921006	10.23%	1.264%

Sum of corrected areas: 72861113

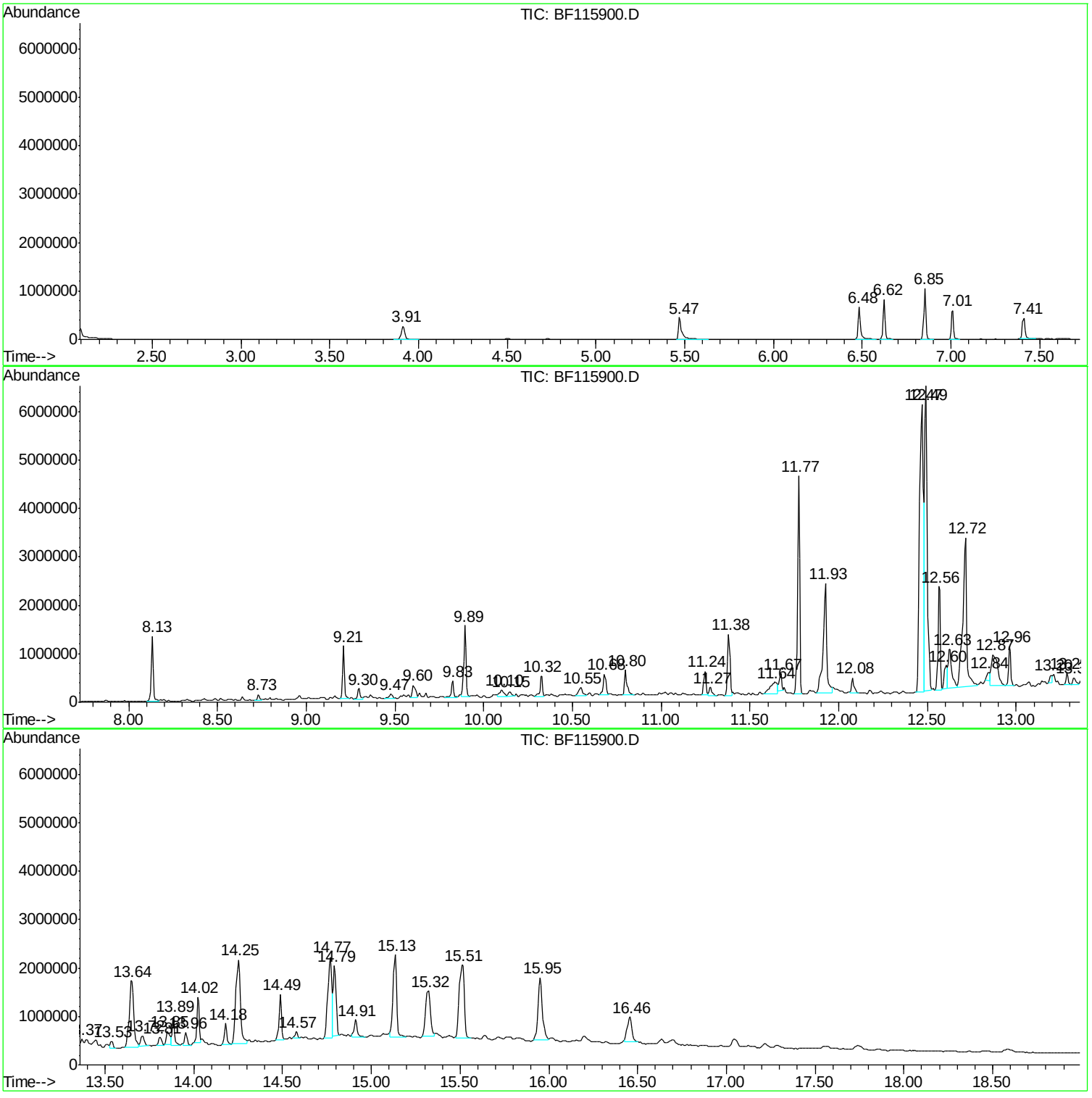
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115900.D
Acq On : 1 Aug 2019 11:52
Operator : HP/JU
Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Acq On : 1 Aug 2019 11:52
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Instrument : BNA_F
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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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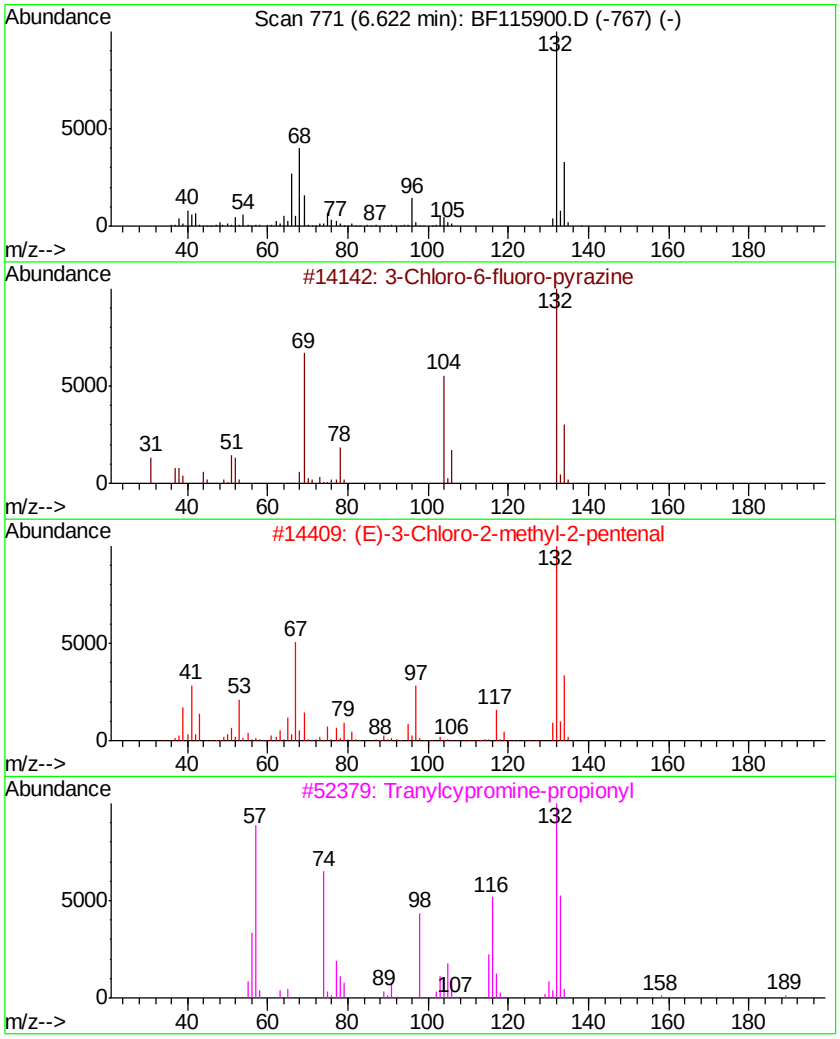
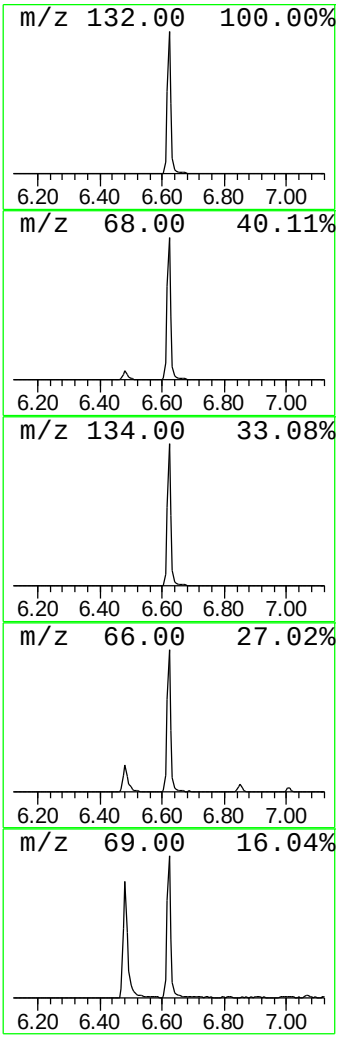
Peak Number 2 unknown6.62 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	16.39 ng	697552	1,4-Dichlorobenzene-d4	6.85

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115900.D
Acq On : 1 Aug 2019 11:52
Operator : HP/JU
Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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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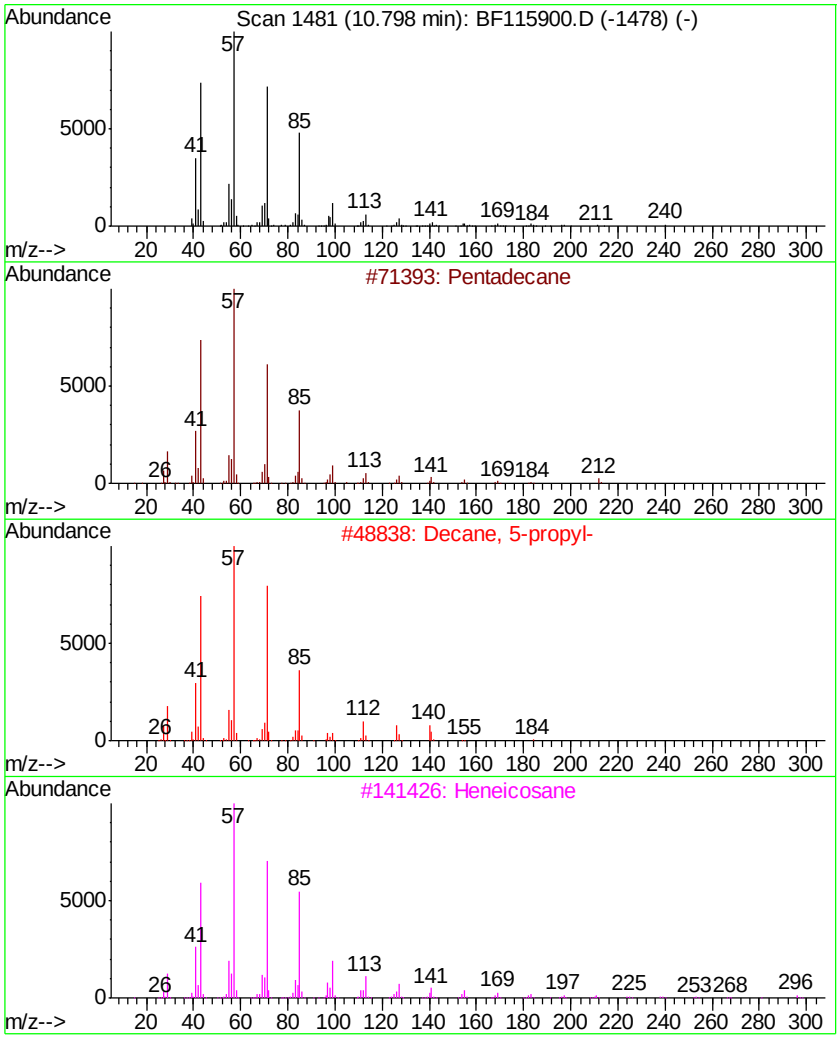
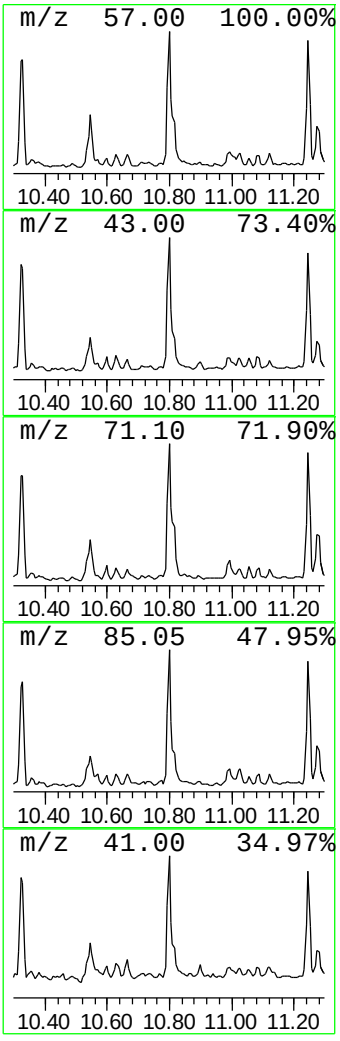
Peak Number 4 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	9.80 ng	536445	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Decane, 5-propyl-	184	C13H28	017312-62-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Acq On : 1 Aug 2019 11:52
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Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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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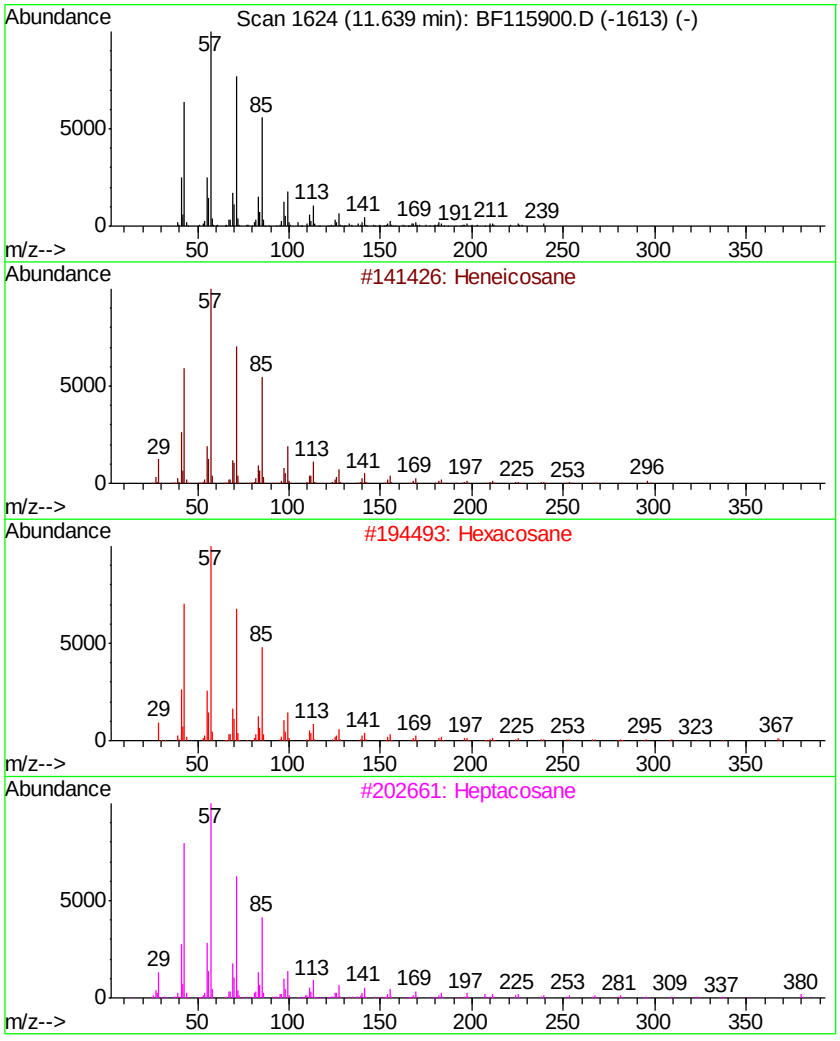
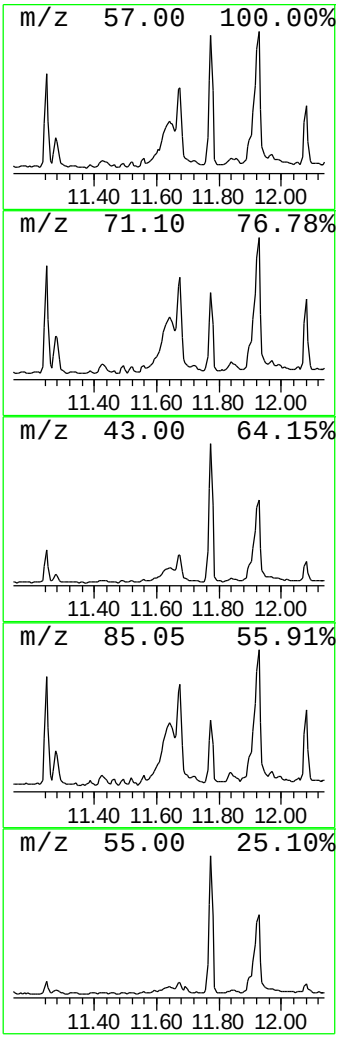
Peak Number 5 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	13.22 ng	723395	Phenanthrene-d10	11.38

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	Heptacosane	380	C27H56	000593-49-7	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115900.D
Acq On : 1 Aug 2019 11:52
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Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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

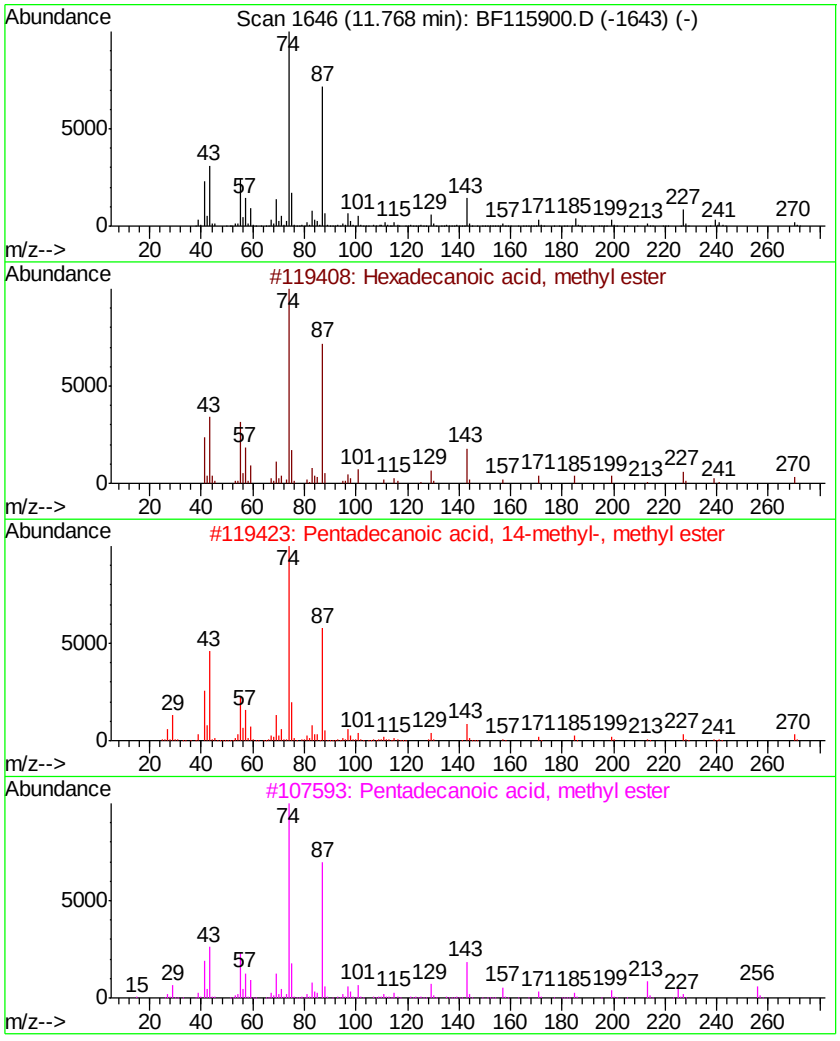
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

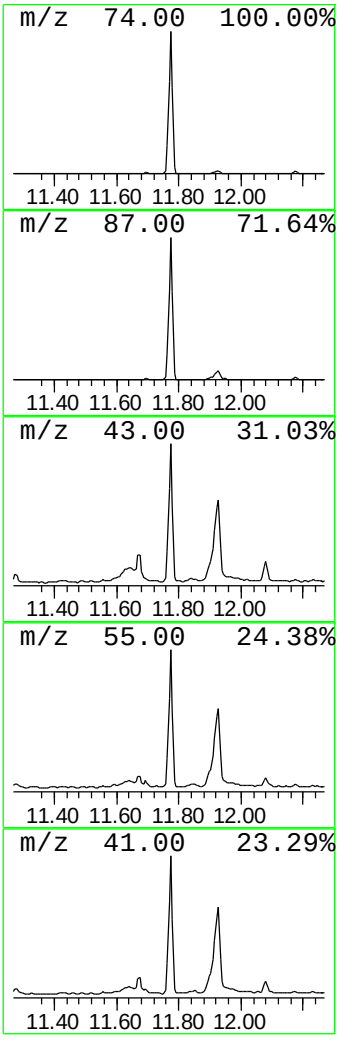
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	72.89 ng	3988320	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





Library Search Compound Report

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Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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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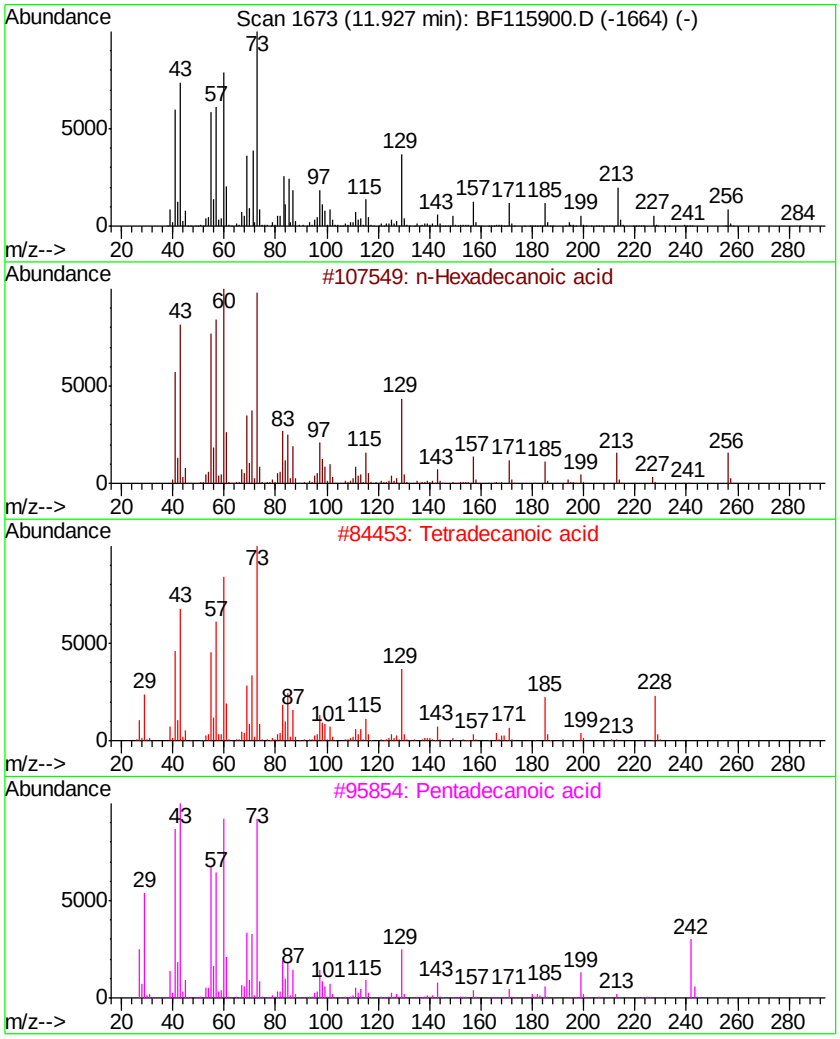
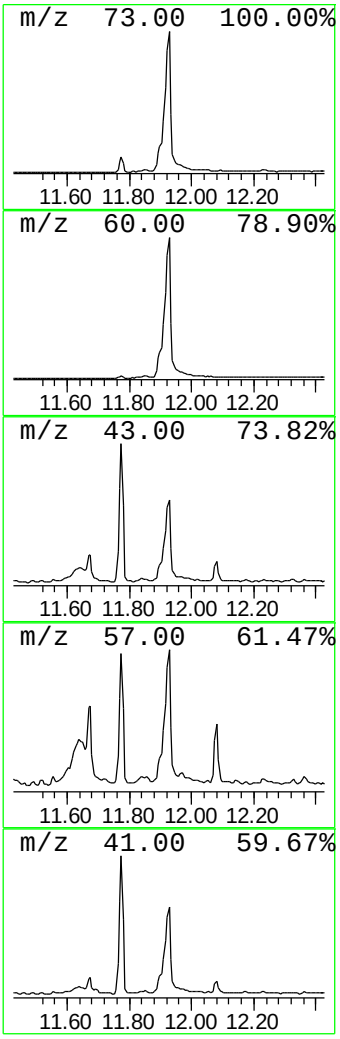
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	61.12 ng	3344060	Phenanthrene-d10	11.38

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Dodecane	170	C12H26	000112-40-3	11





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Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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

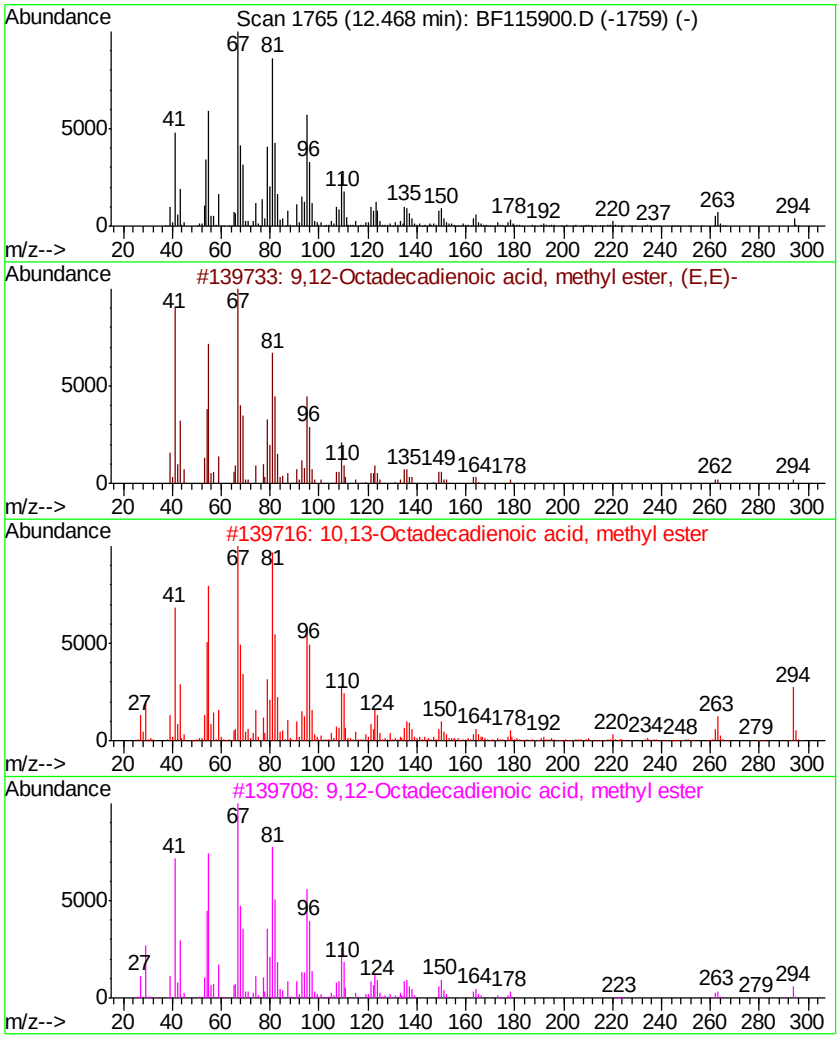
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

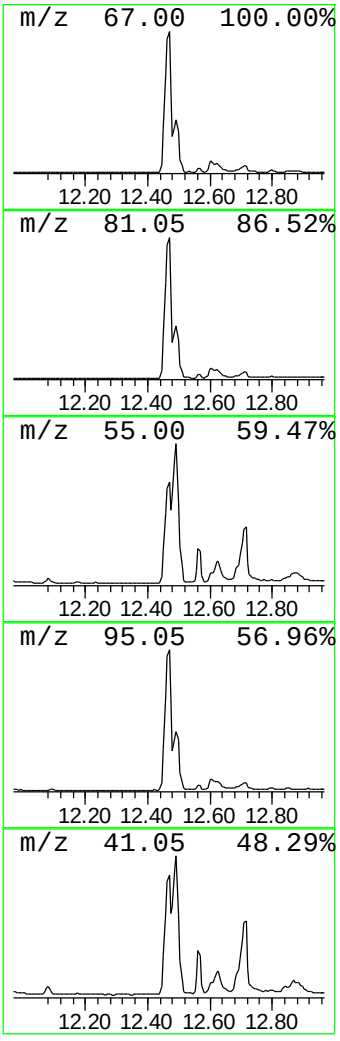
****

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	164.58 ng	9005350	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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

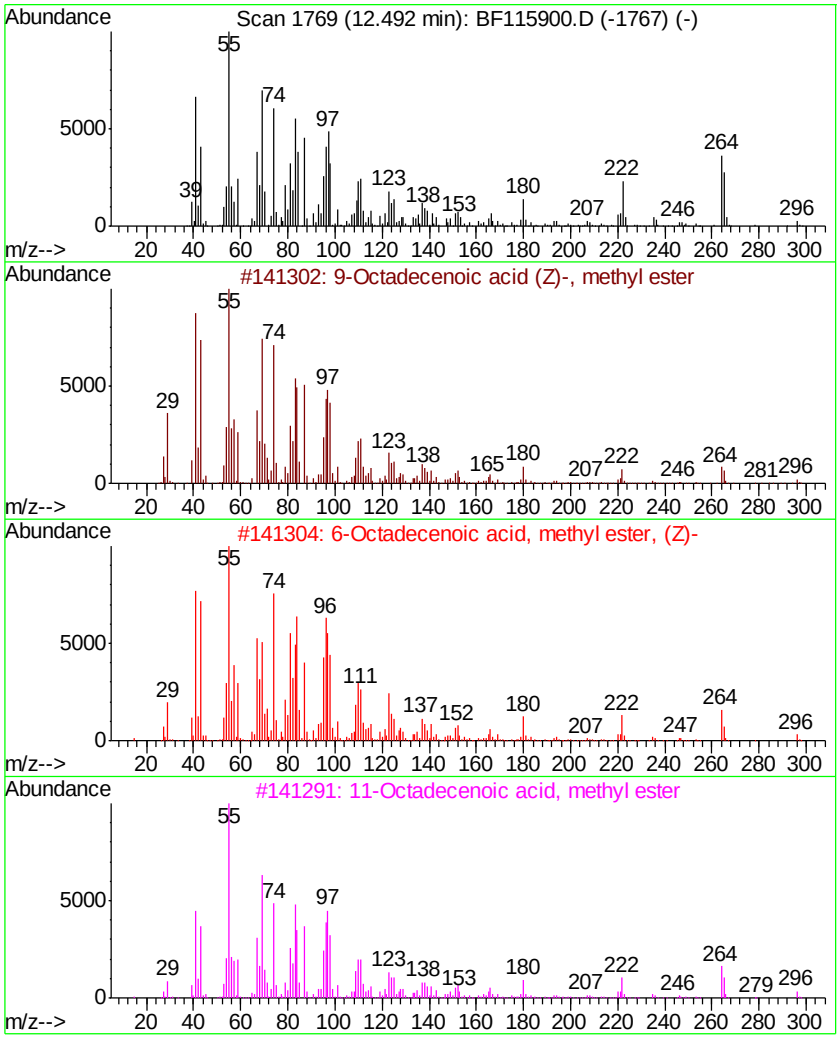
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

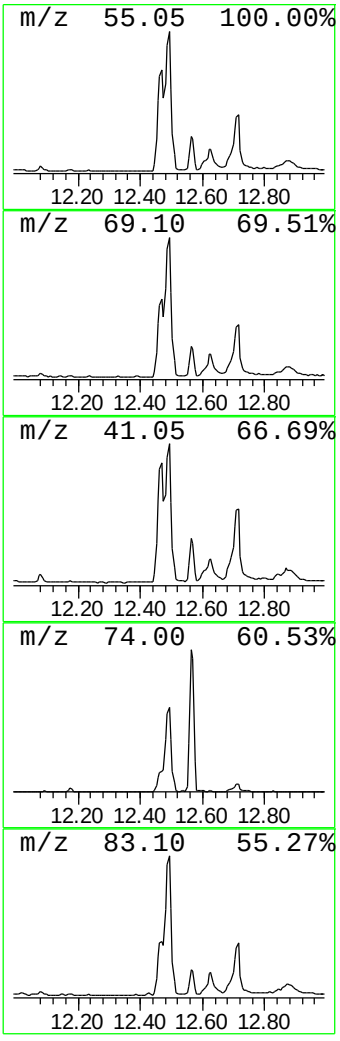
****

Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	119.44 ng	6535490	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Instrument : BNA_F
ClientSampleId : OK-01-072919

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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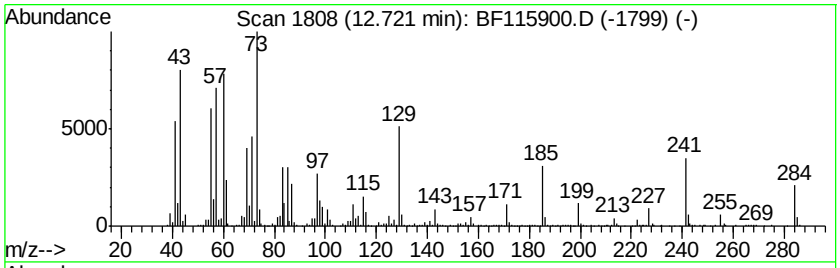
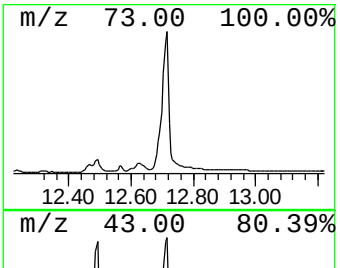
Peak Number 10 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	104.63 ng	4819660	Chrysene-d12	14.02

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

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Operator : HP/JU
Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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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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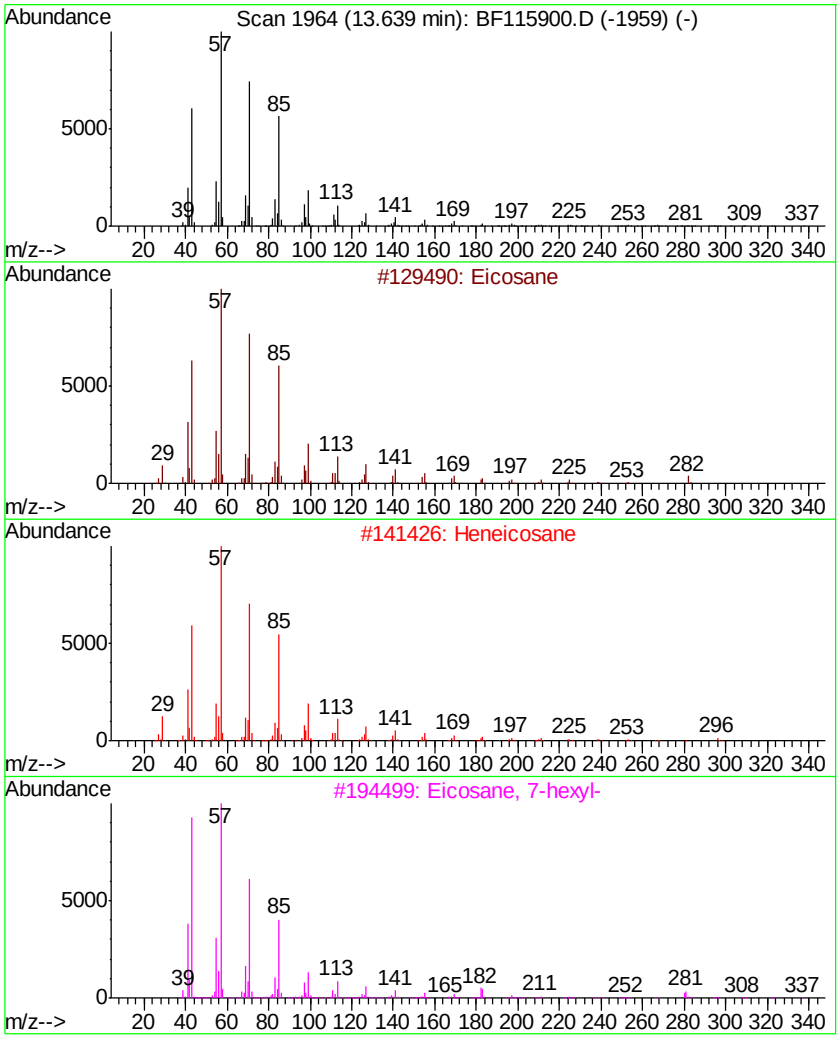
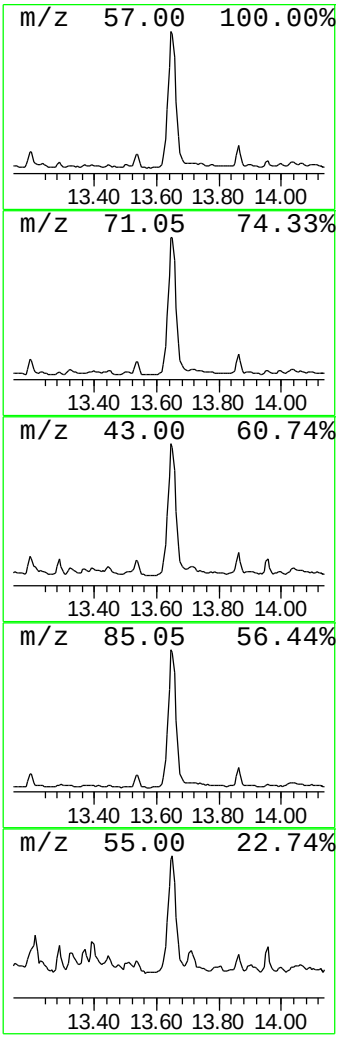
Peak Number 11 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	55.06 ng	2536180	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Octadecane	254	C18H38	000593-45-3	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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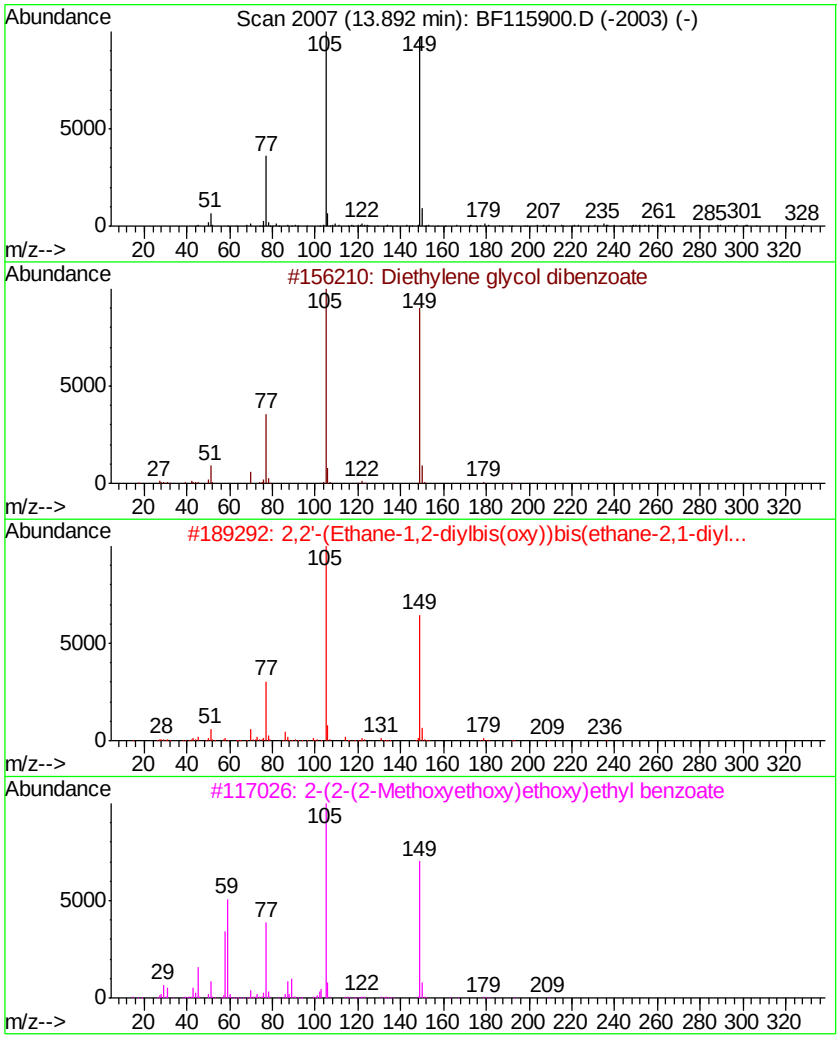
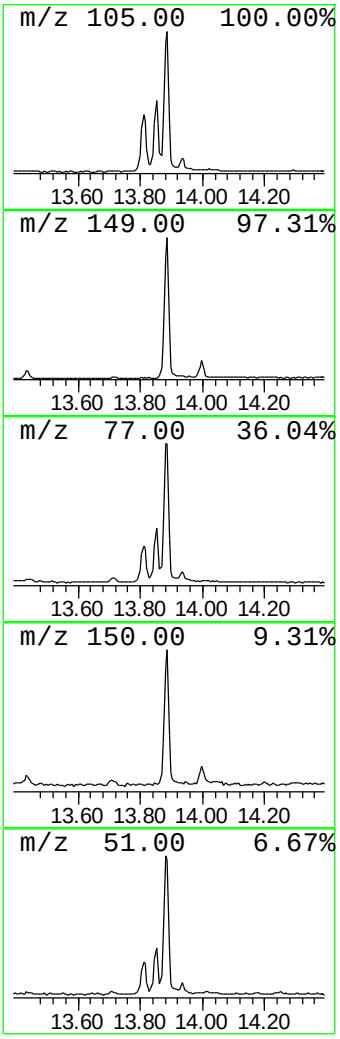
Peak Number 12 Diethylene glycol dibenzoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	12.87 ng	592959	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
3	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	74
5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	56





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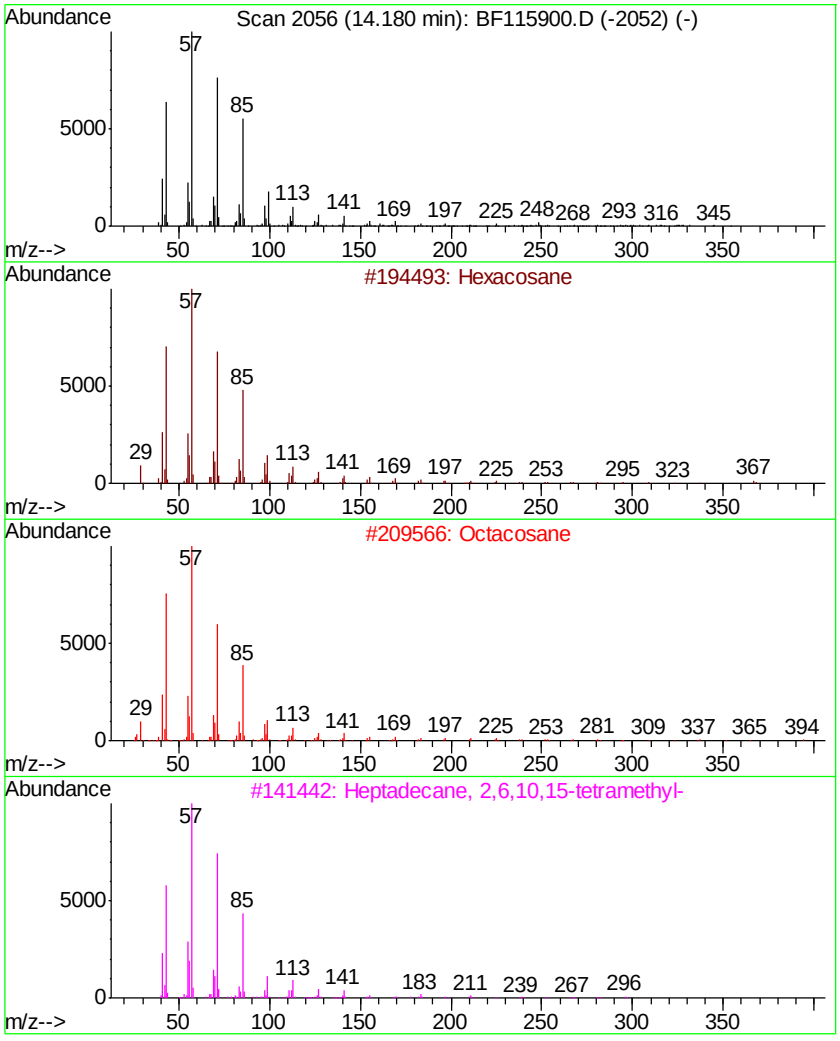
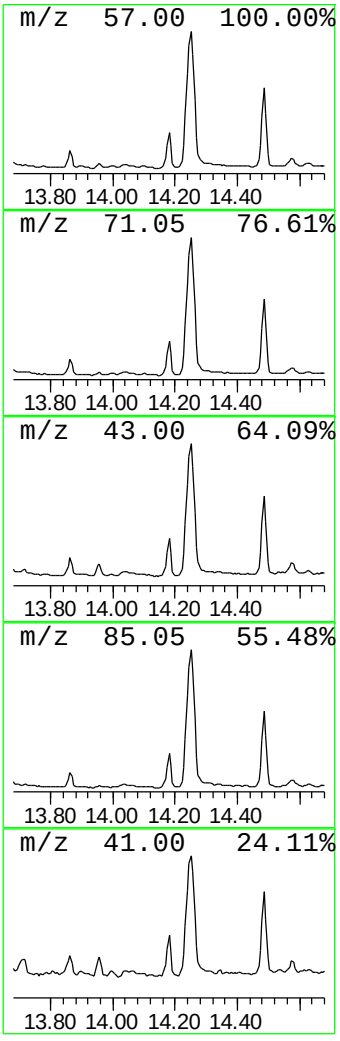
Peak Number 13 Hexacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	9.91 ng	456325	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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Misc :
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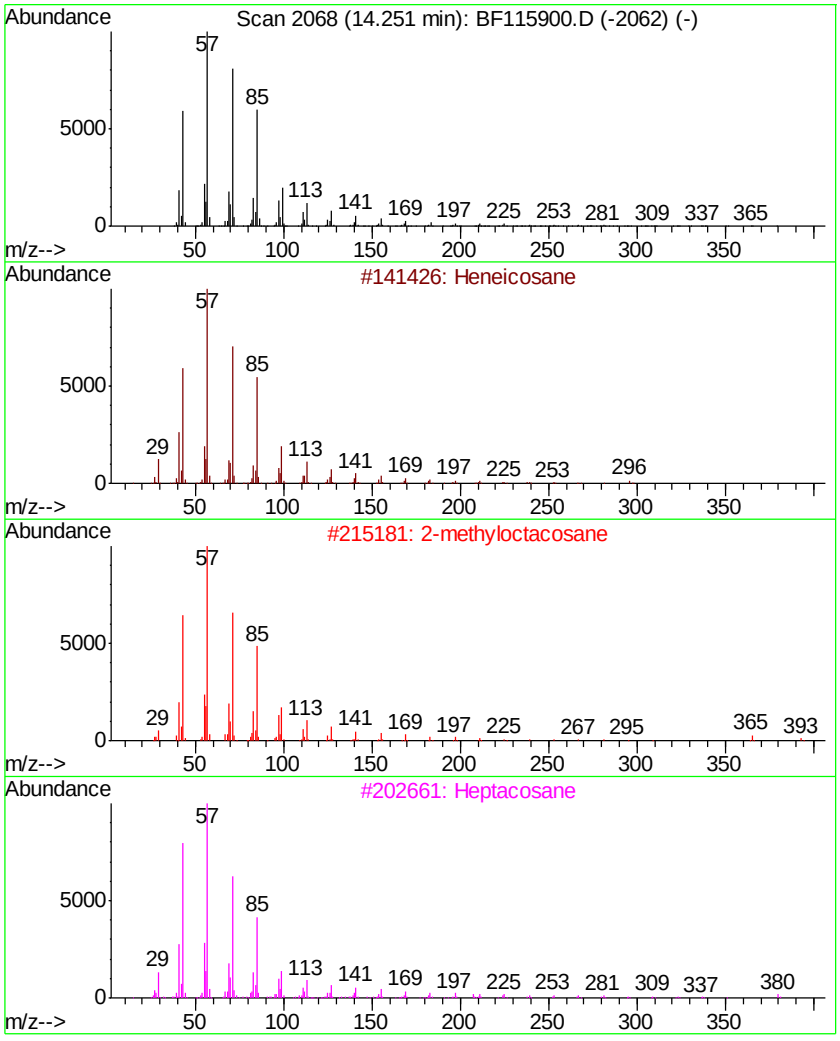
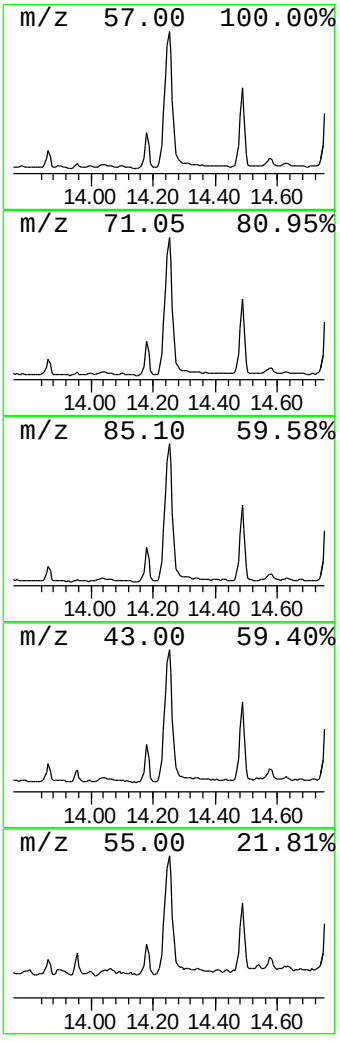
Peak Number 14 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	65.32 ng	3009140	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	90





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Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : OK-01-072919

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TIC Integration Parameters: LSCINT.P

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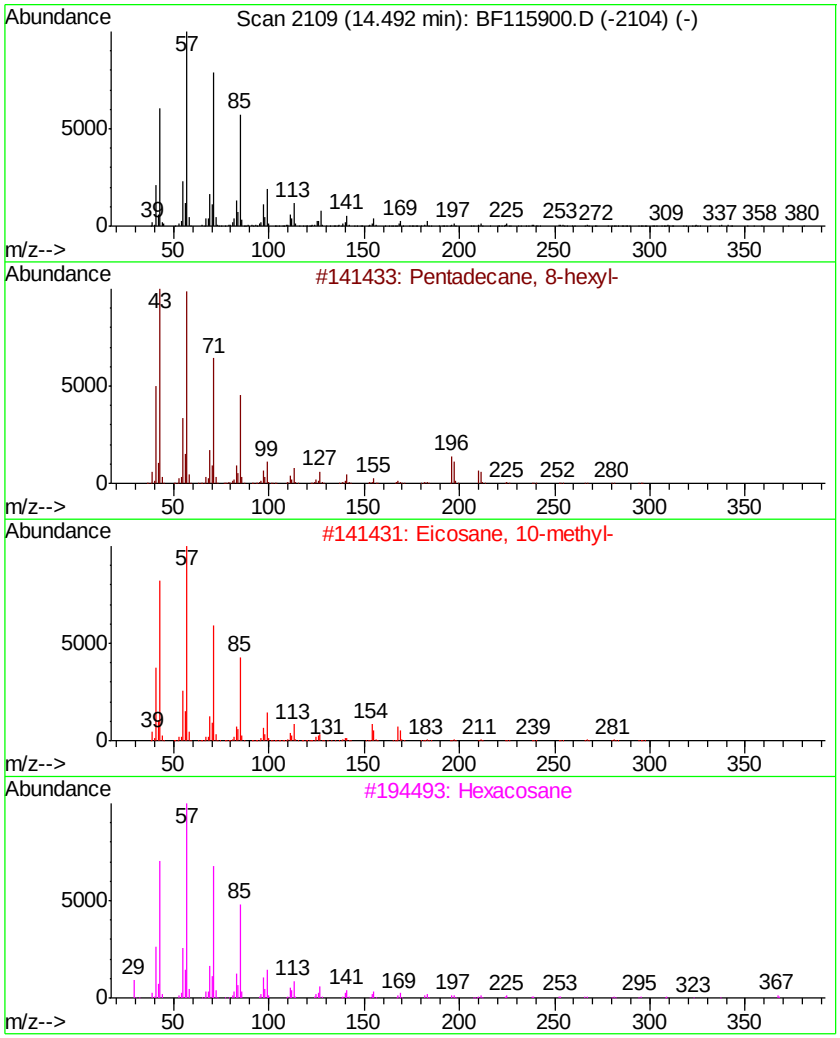
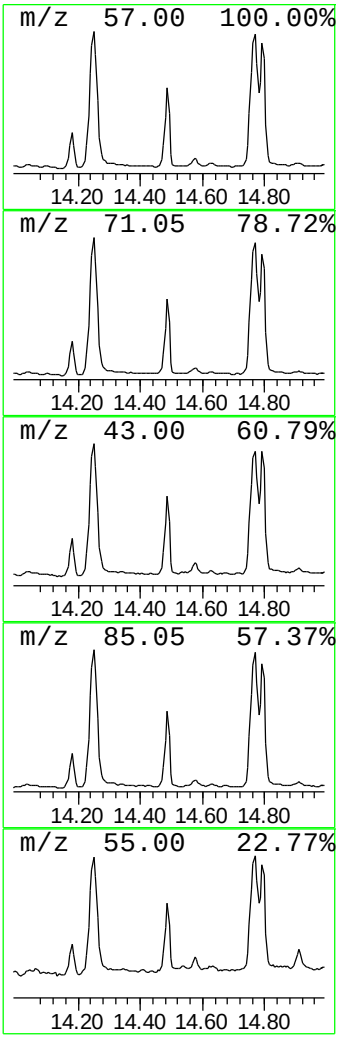
Peak Number 15 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	21.01 ng	967951	Chrysene-d12	14.02

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	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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

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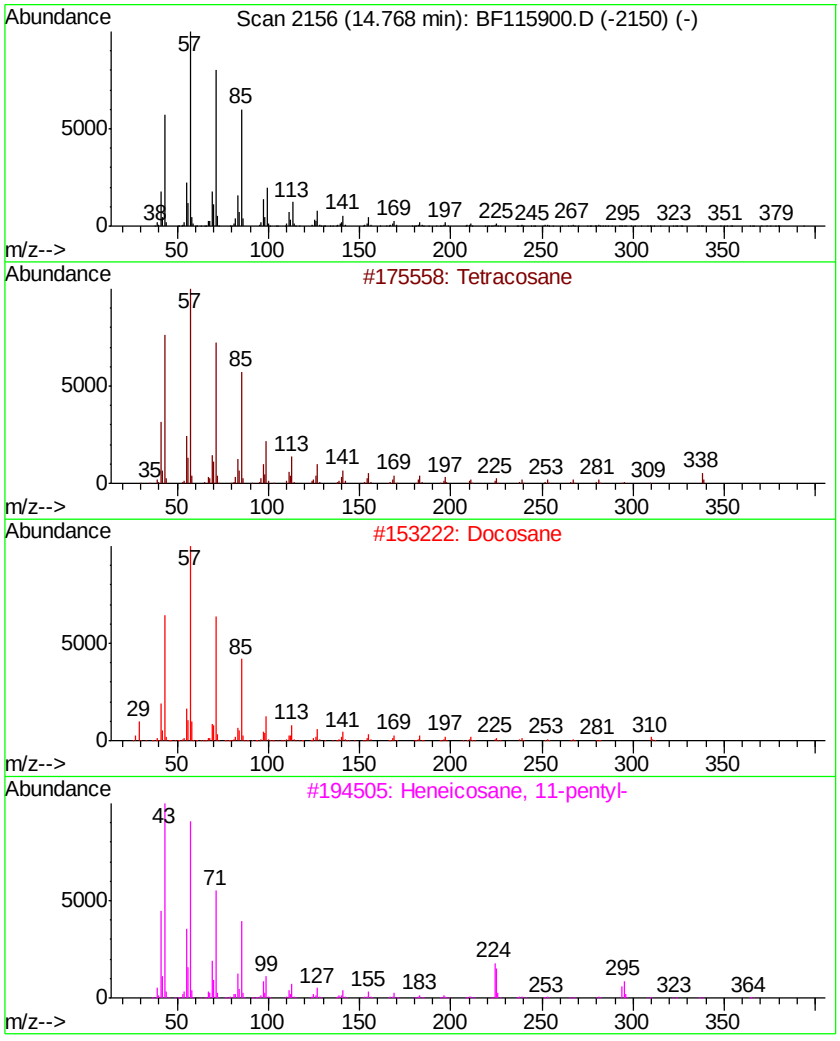
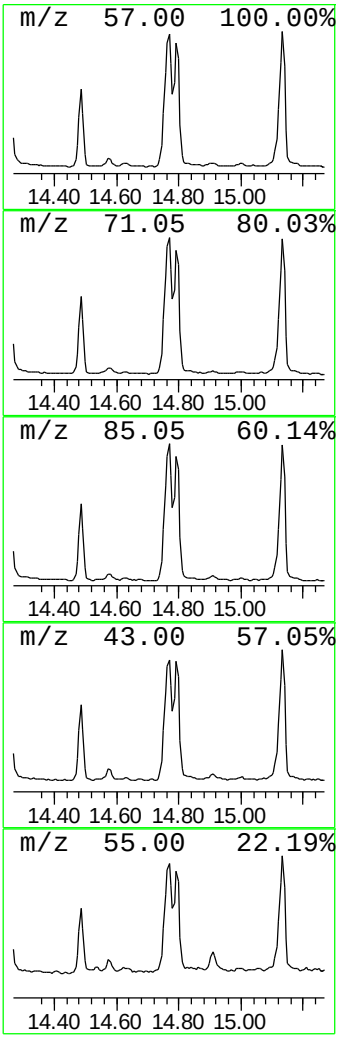
Peak Number 16 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	17.99 ng	2647420	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Docosane	310	C22H46	000629-97-0	93
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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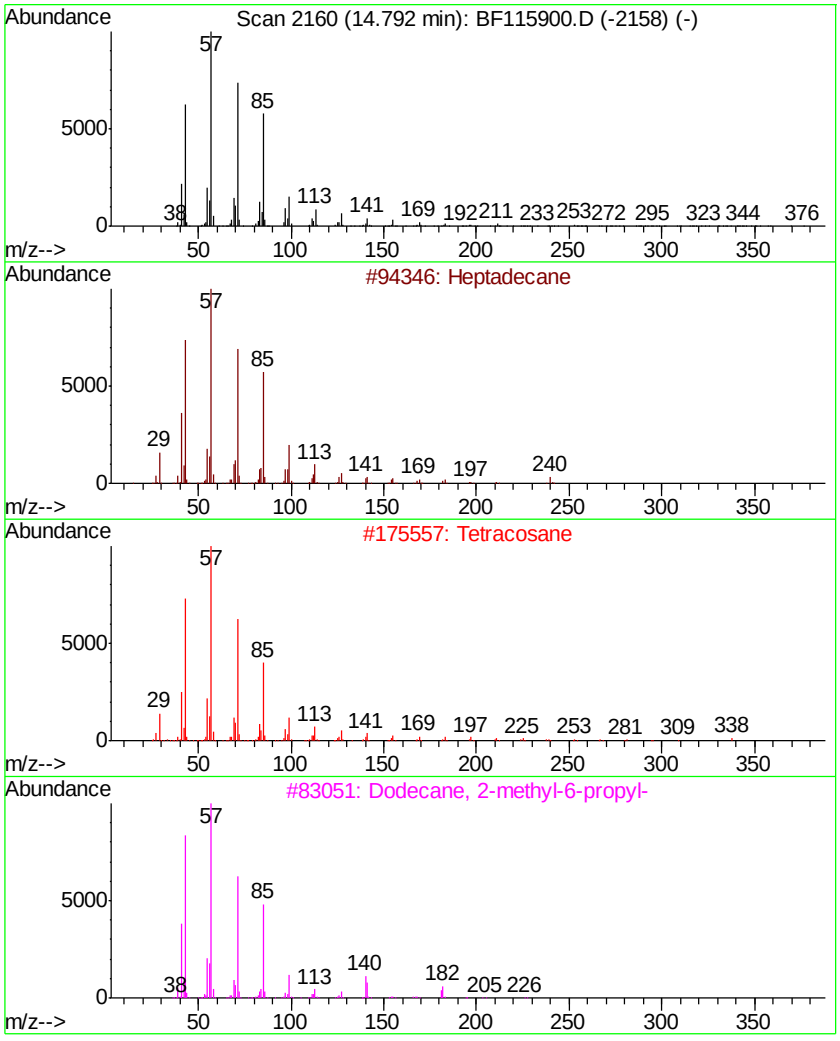
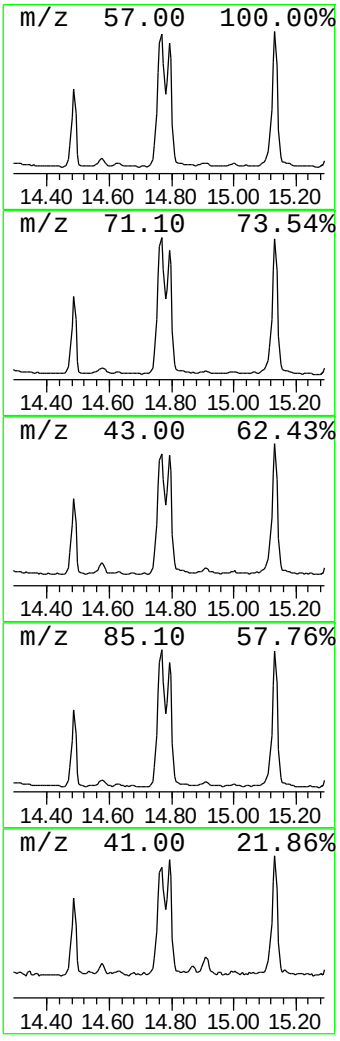
Peak Number 17 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	10.22 ng	1503870	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Sample : K3621-07 5X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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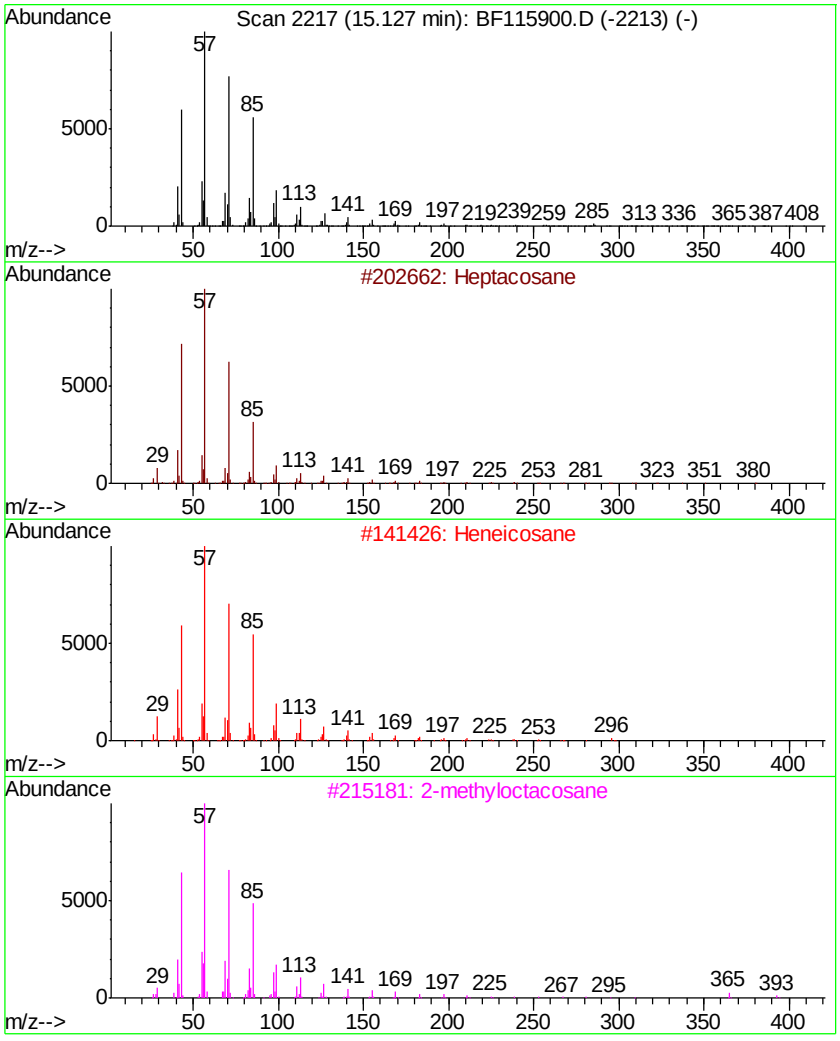
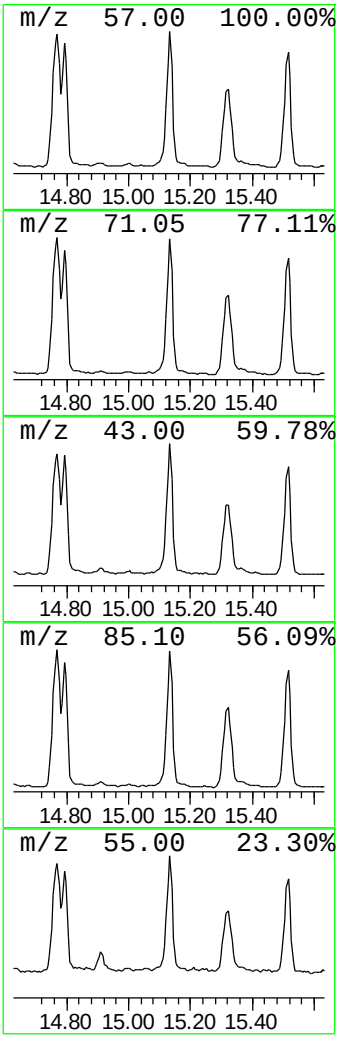
Peak Number 18 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	15.07 ng	2218200	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octadecane	254	C18H38	000593-45-3	90





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Misc :
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Instrument : BNA_F
ClientSampleId : OK-01-072919

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TIC Library : C:\DATABASE\NIST11.L
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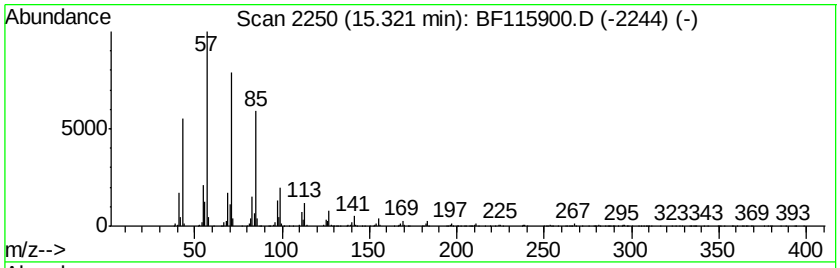
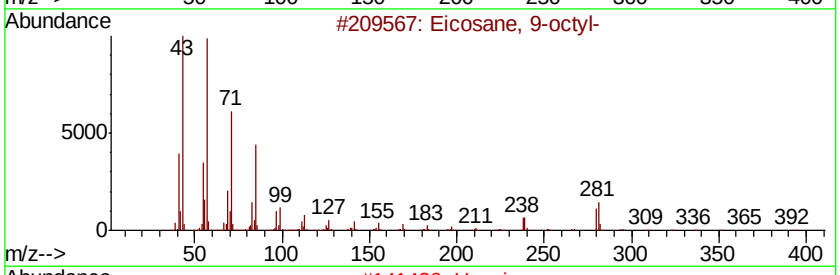
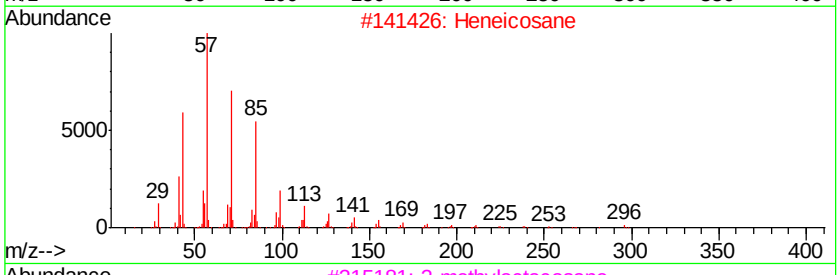
Peak Number 19 Eicosane, 9-octyl- Concentration Rank 16

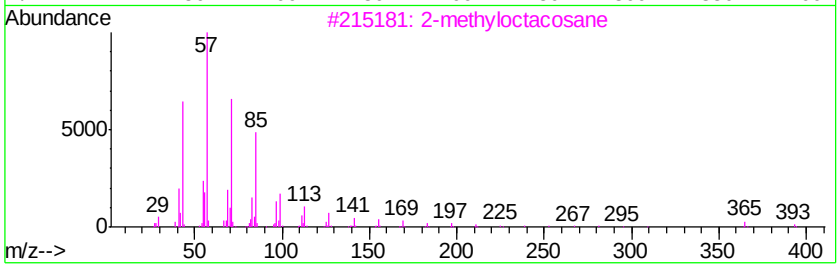
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	11.76 ng	1730120	Perylene-d12	15.50

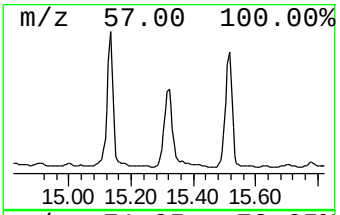
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Hexacosane	366	C26H54	000630-01-3	90

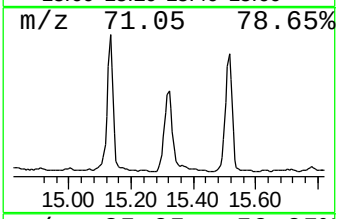


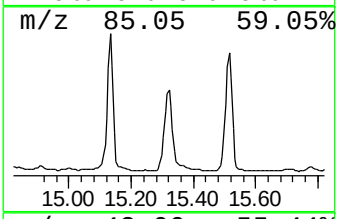


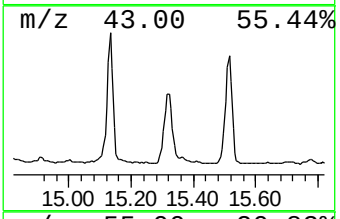


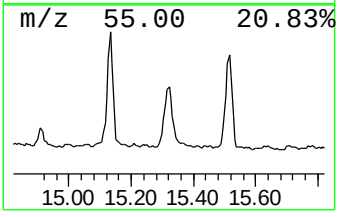












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Operator : HP/JU
Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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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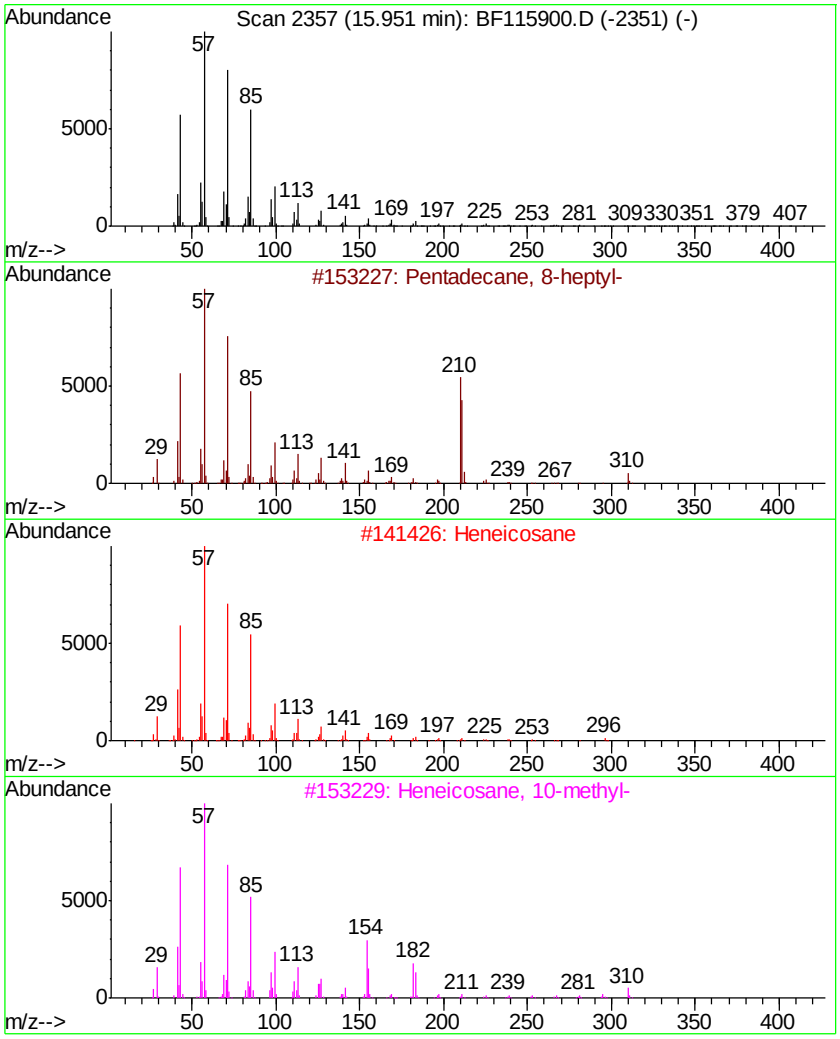
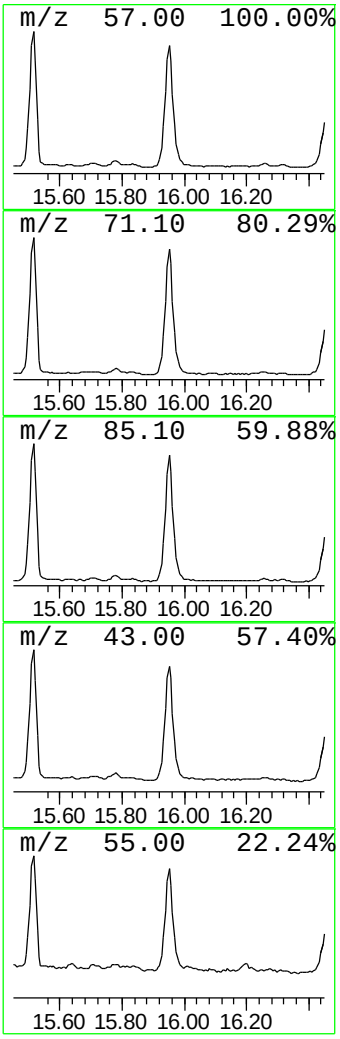
Peak Number 20 Pentadecane, 8-heptyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	15.30 ng	2252400	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
Data File : BF115900.D
Acq On : 1 Aug 2019 11:52
Operator : HP/JU
Sample : K3621-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-072919

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	16.4	ng	697552	1	6.85	851389	20.0
Pentadecane	10.80	9.8	ng	536445	4	11.38	1094320	20.0
Heneicosane	11.64	13.2	ng	723395	4	11.38	1094320	20.0
Hexadecanoic acid...	11.77	72.9	ng	3988320	4	11.38	1094320	20.0
n-Hexadecanoic acid	11.93	61.1	ng	3344060	4	11.38	1094320	20.0
9,12-Octadecadien...	12.47	164.6	ng	9005350	4	11.38	1094320	20.0
9-Octadecenoic ac...	12.49	119.4	ng	6535490	4	11.38	1094320	20.0
Octadecanoic acid	12.72	104.6	ng	4819660	5	14.02	921292	20.0
Eicosane	13.64	55.1	ng	2536180	5	14.02	921292	20.0
Diethylene glycol...	13.89	12.9	ng	592959	5	14.02	921292	20.0
Hexacosane	14.18	9.9	ng	456325	5	14.02	921292	20.0
2-methyloctacosane	14.25	65.3	ng	3009140	5	14.02	921292	20.0
Pentadecane, 8-he...	14.49	21.0	ng	967951	5	14.02	921292	20.0
Tetracosane	14.77	18.0	ng	2647420	6	15.50	2943480	20.0
Heptadecane	14.79	10.2	ng	1503870	6	15.50	2943480	20.0
Heptacosane	15.13	15.1	ng	2218200	6	15.50	2943480	20.0
Eicosane, 9-octyl-	15.32	11.8	ng	1730120	6	15.50	2943480	20.0
Pentadecane, 8-he...	15.95	15.3	ng	2252400	6	15.50	2943480	20.0