LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

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-BF011619.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	3.922	305	312	317	rBV	240406	331610	12.83%	1.260%
2	5.057	501	505	511	rBV	56555	54389	2.10%	0.207%
3	5.487	574	578	594	rBV	1094315	997630	38.60%	3.789%
4	6.498	746	750	765	rBV	1270534	1161283	44.93%	4.411%
5	6.634	769	773	780	rBV	1329800	1162679	44.98%	4.416%
6	6.857	808	811	819	rBV	1991934	1692887	65.49%	6.430%
7	7.016	834	838	842	rBV	1115299	930524	36.00%	3.535%
8	7.416	902	906	917	rVB	765153	667049	25.81%	2.534%
9	8.145	1024	1030	1033	rBV	2437586	2276915	88.09%	8.649%
10	9.216	1208	1212	1215	rBV	1908486	1488024	57.57%	5.652%
11	9.298	1223	1226	1231	rBV2	38145	41990	1.62%	0.159%
12	9.604	1276	1278	1283	rVB	140670	148771	5.76%	0.565%
13	9.757	1301	1304	1308	rBV	29898	31882	1.23%	0.121%
14	9.810	1308	1313	1314	rBV2	36762	53648	2.08%	0.204%
15	9.828	1314	1316	1321	rVB	54208	44270	1.71%	0.168%
16	9.898	1324	1328	1332	rBV	3146627	2584840	100.00%	9.818%
17	10.098	1358	1362	1367	rVB4	24485	35256	1.36%	0.134%
18	10.328	1398	1401	1403	rVB	58712	42592	1.65%	0.162%
19	10.445	1418	1421	1426	rVB	34099	42371	1.64%	0.161%
20	10.551	1433	1439	1441	rBV3	25747	37352	1.45%	0.142%
21	10.686	1456	1462	1468	rBV	827589	787052	30.45%	2.990%
22	10.798	1479	1481	1487	rVB	74305	87791	3.40%	0.333%
23	11.245	1554	1557	1560	rBV	70351	71405	2.76%	0.271%
24	11.280	1560	1563	1567	rVB	53249	59360	2.30%	0.225%
25	11.386	1577	1581	1583	rBV	2591662	2386029	92.31%	9.063%
26	11.404	1583	1584	1588	rVV	186548	161102	6.23%	0.612%
27	11.457	1591	1593	1596	rVB	38904	34850	1.35%	0.132%
28	11.622	1618	1621	1626	rVB2	20644	32566	1.26%	0.124%
29	11.675	1627	1630	1633	rVV	82597	64373	2.49%	0.245%
30	11.886	1663	1666	1668	rBV	31137	37949	1.47%	0.144%
31	11.910	1668	1670	1674	rVB2	44633	45569	1.76%	0.173%
32	11.998	1682	1685	1687	rBV2	44986	47612	1.84%	0.181%
33	12.080	1696	1699	1703	rBV	92422	74687	2.89%	0.284%
34	12.433	1756	1759	1762	rBV2	47113	52530	2.03%	0.200%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.469	1762	1765	1768	rVV	106541	97761	3.78%	0.371%
36	12.598	1783	1787	1792	rBV	159737	155888	6.03%	0.592%
37	12.692	1800	1803	1807	rBV5	27891	45816	1.77%	0.174%
38	12.827	1821	1826	1827	rBV	148170	163489	6.32%	0.621%
39	12.963	1845	1849	1853	rBV	1443835	1218151	47.13%	4.627%
40	13.151	1879	1881	1884	rVB	44646	37309	1.44%	0.142%
41	13.198	1886	1889	1891	rBV2	111834	95936	3.71%	0.364%
42	13.416	1924	1926	1930	rVB4	44535	36429	1.41%	0.138%
43	13.539	1944	1947	1952	rBV	134550	116789	4.52%	0.444%
44	13.868	1999	2003	2013	rVB	183974	248849	9.63%	0.945%
45	14.021	2025	2029	2033	rBV	1952093	1975497	76.43%	7.504%
46	14.180	2053	2056	2060	rBV	213690	222687	8.62%	0.846%
47	14.486	2105	2108	2113	rBV	278595	279201	10.80%	1.061%
48	14.792	2157	2160	2164	rBV	263186	270353	10.46%	1.027%
49	15.133	2215	2218	2222	rBV	406037	442263	17.11%	1.680%
50	15.504	2276	2281	2289	rVB	1521568	2249050	87.01%	8.543%
51	15.957	2354	2358	2362	rVB	390166	524586	20.29%	1.993%
52	16.462	2441	2444	2450	rVB2	243744	377733	14.61%	1.435%

Sum of corrected areas: 26326624

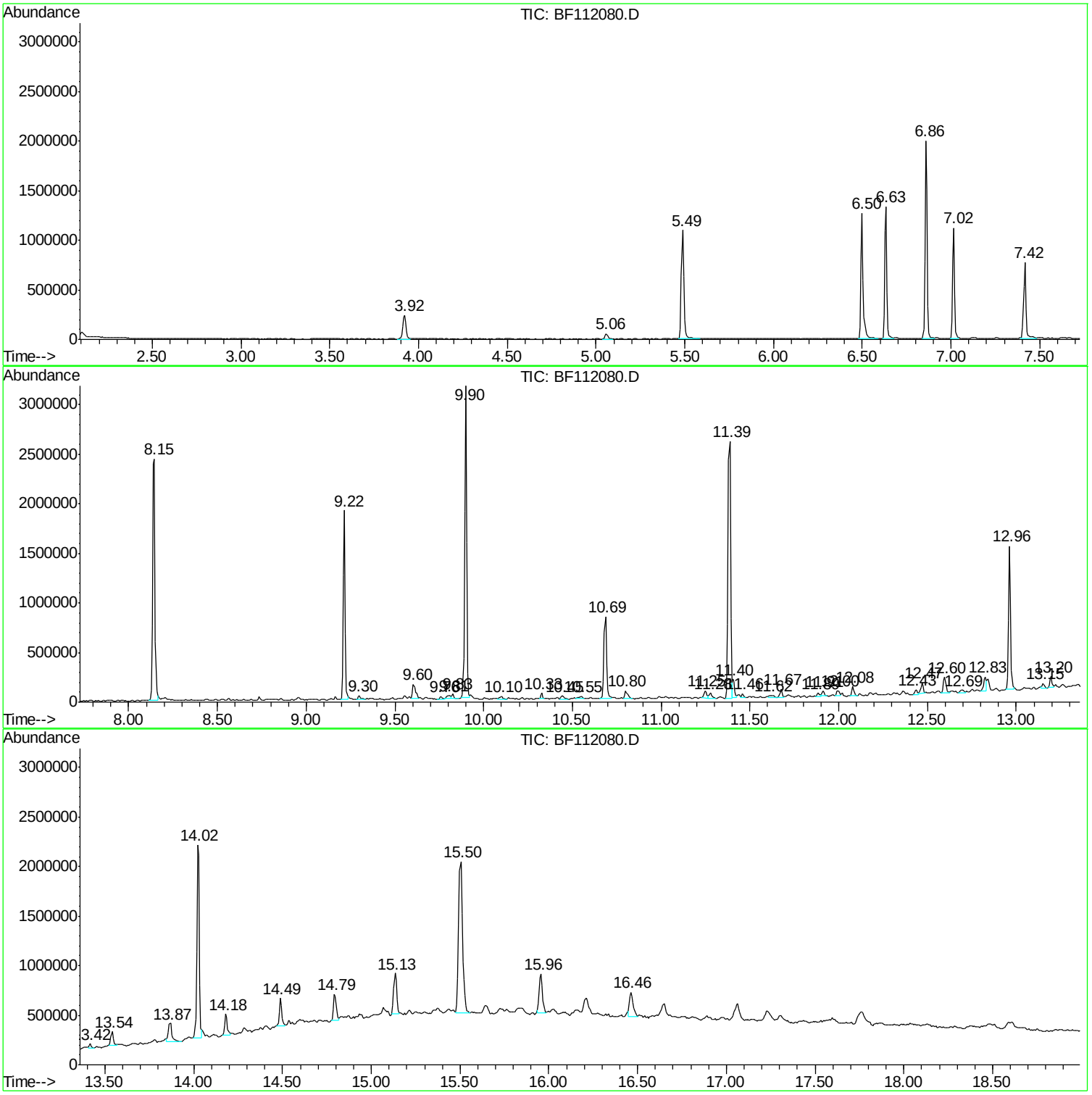
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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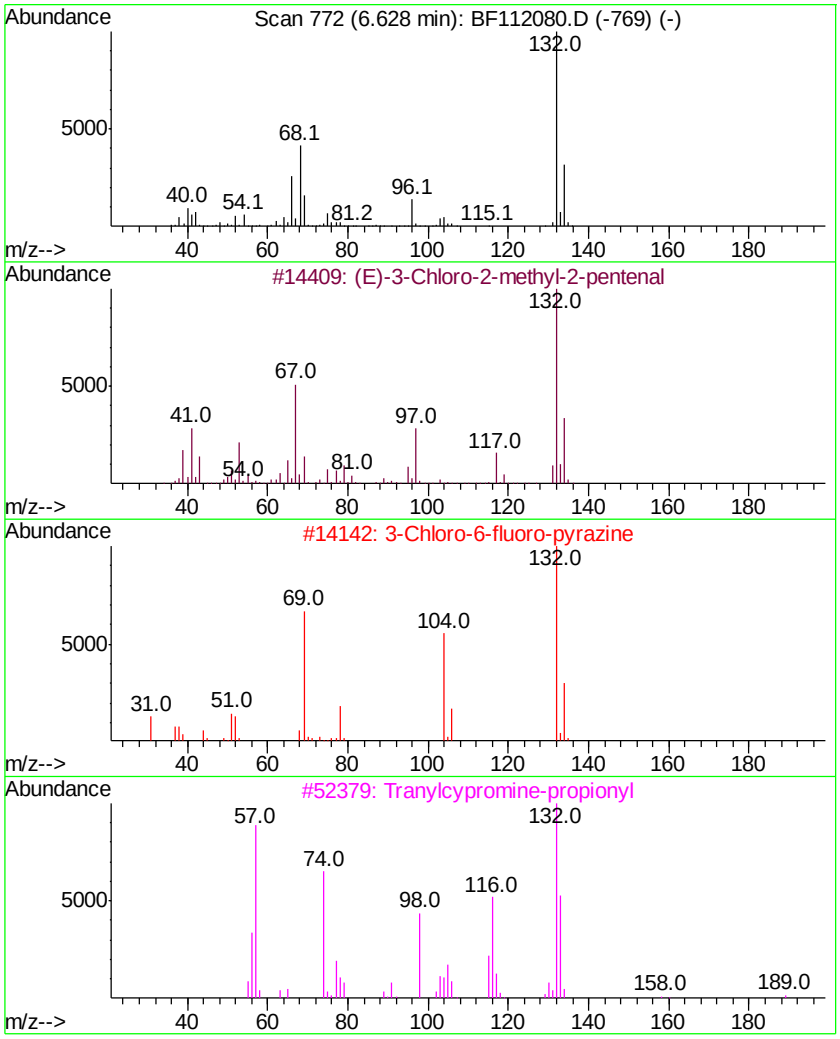
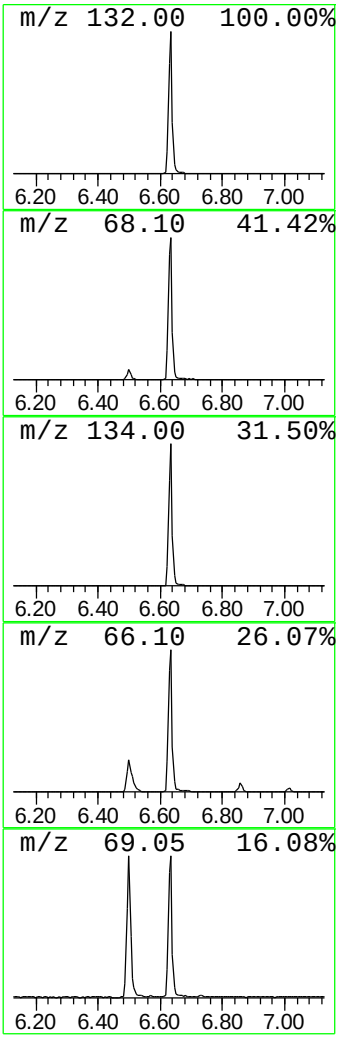
Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	13.74 ng	1162680	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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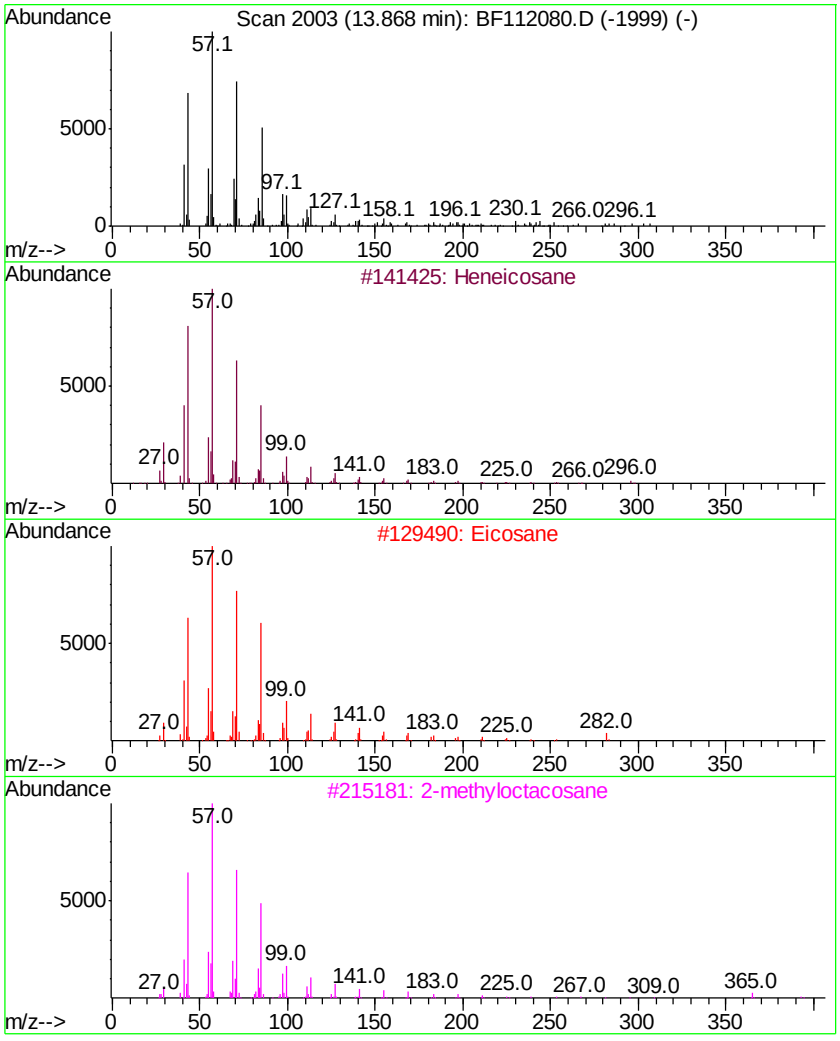
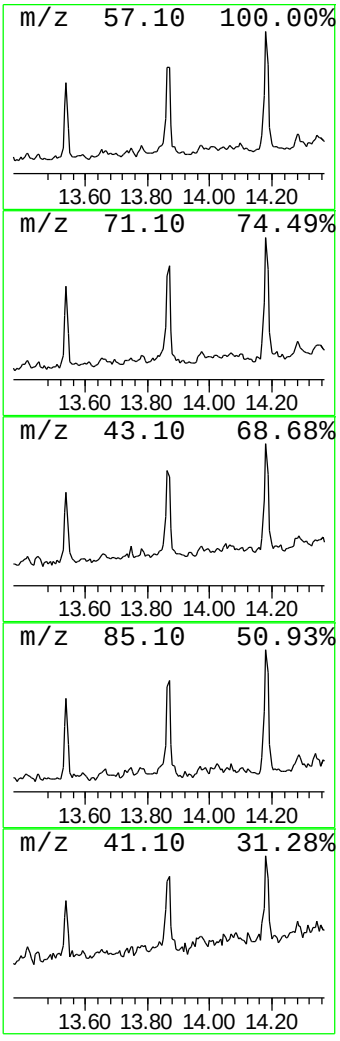
Peak Number 4 Tritetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.52 ng	248849	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane	282	C20H42	000112-95-8	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tritetracontane	605	C43H88	007098-21-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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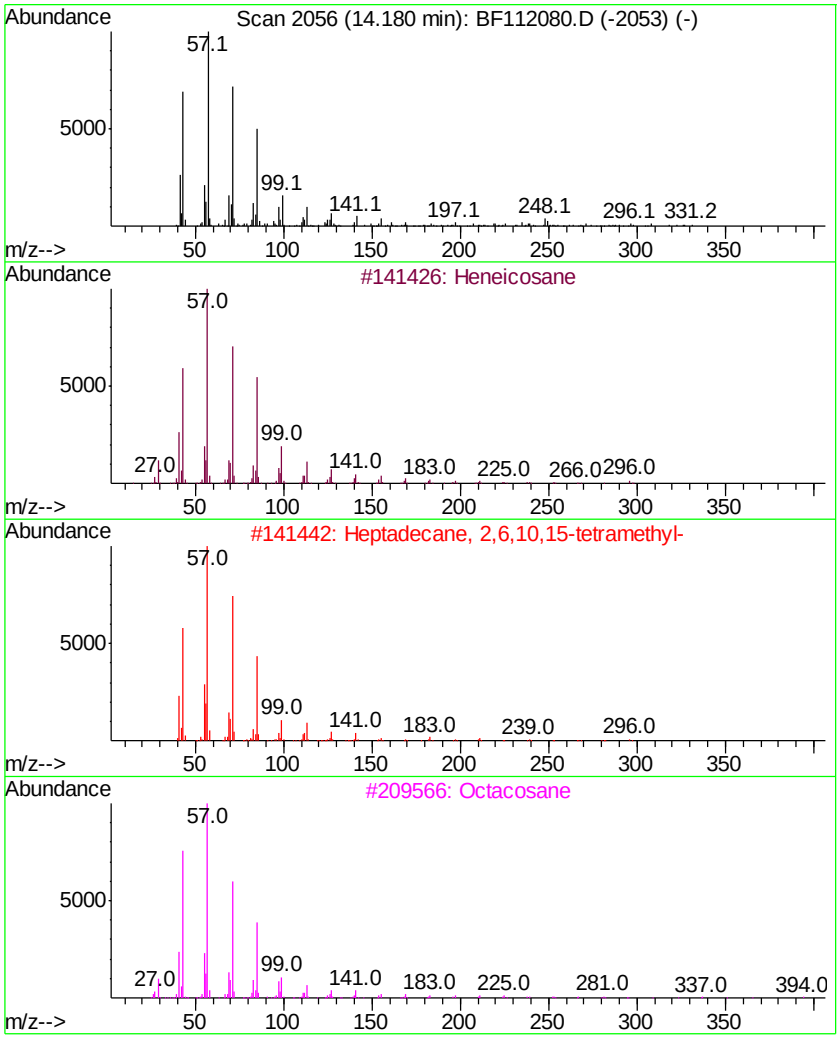
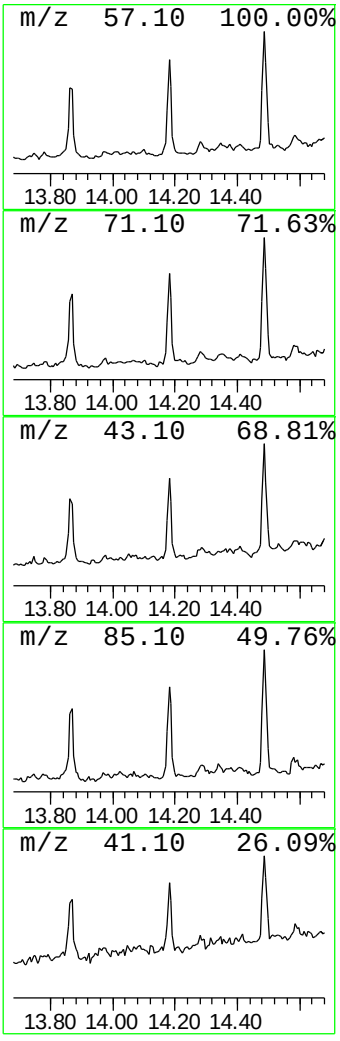
Peak Number 5 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.25 ng	222687	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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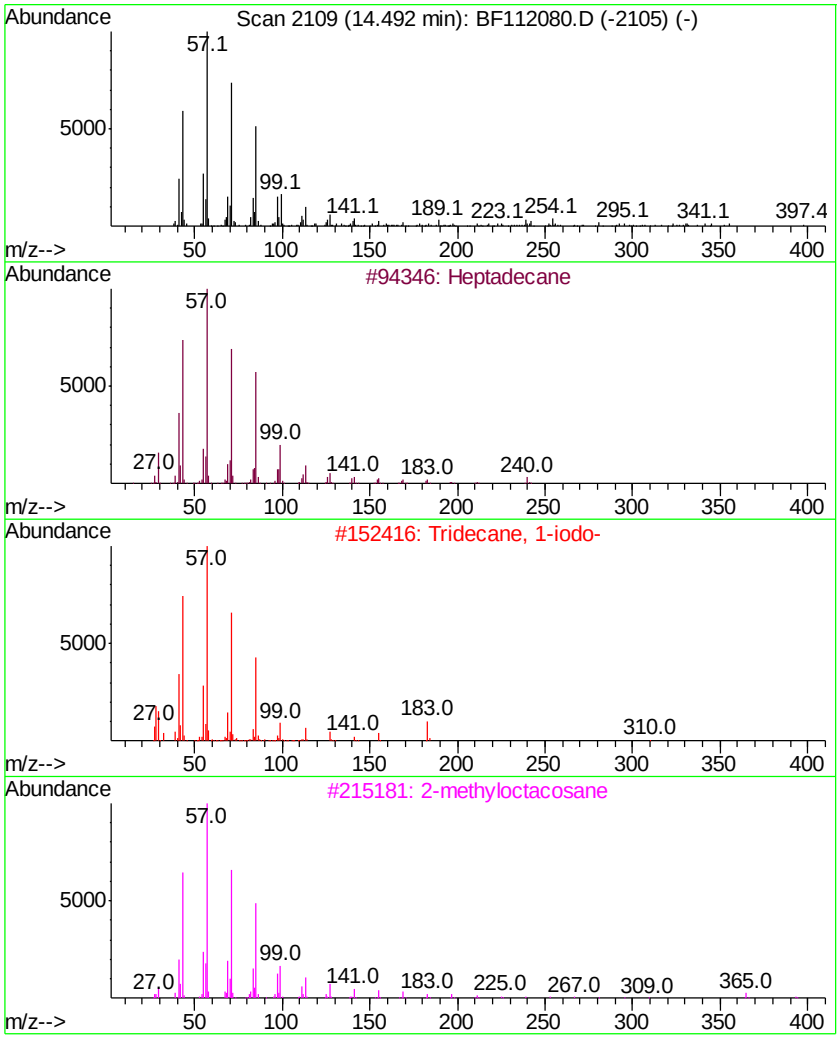
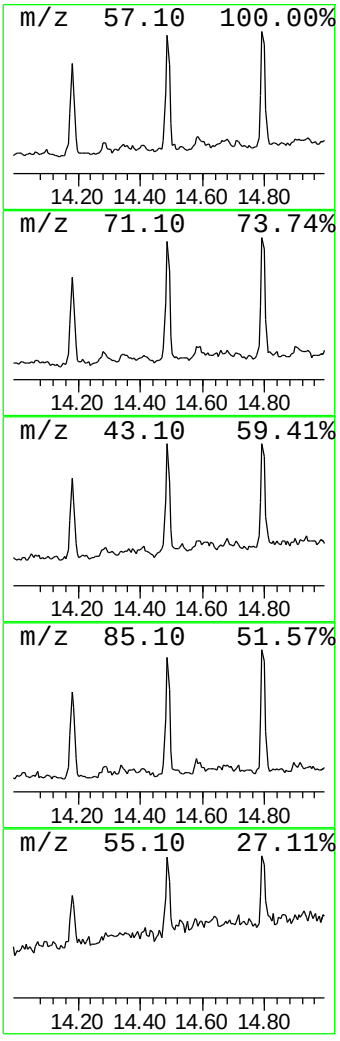
Peak Number 6 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.83 ng	279201	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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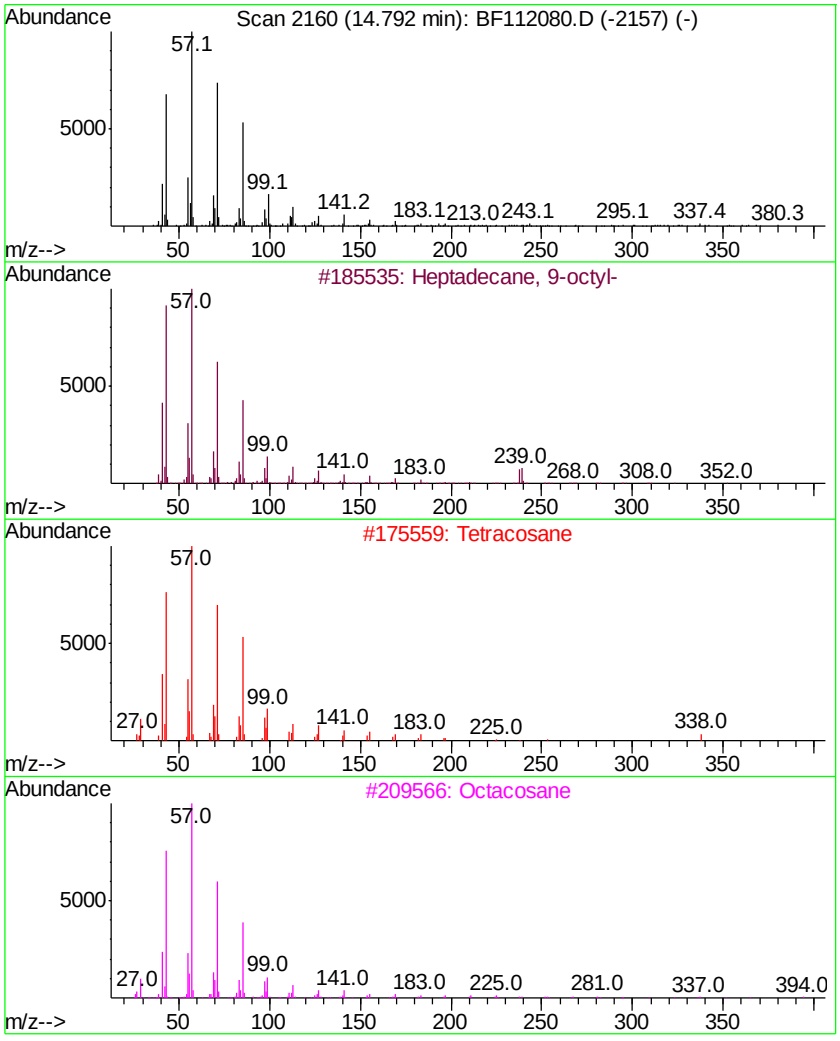
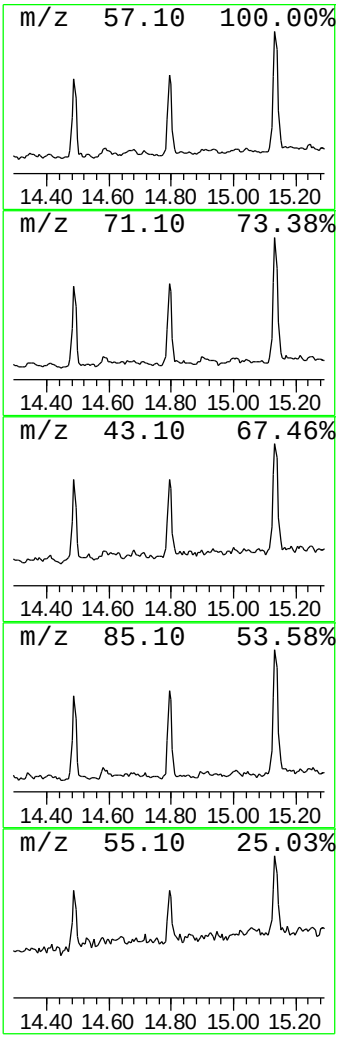
Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.40 ng	270353	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
5	Nonadecane	268	C19H40	000629-92-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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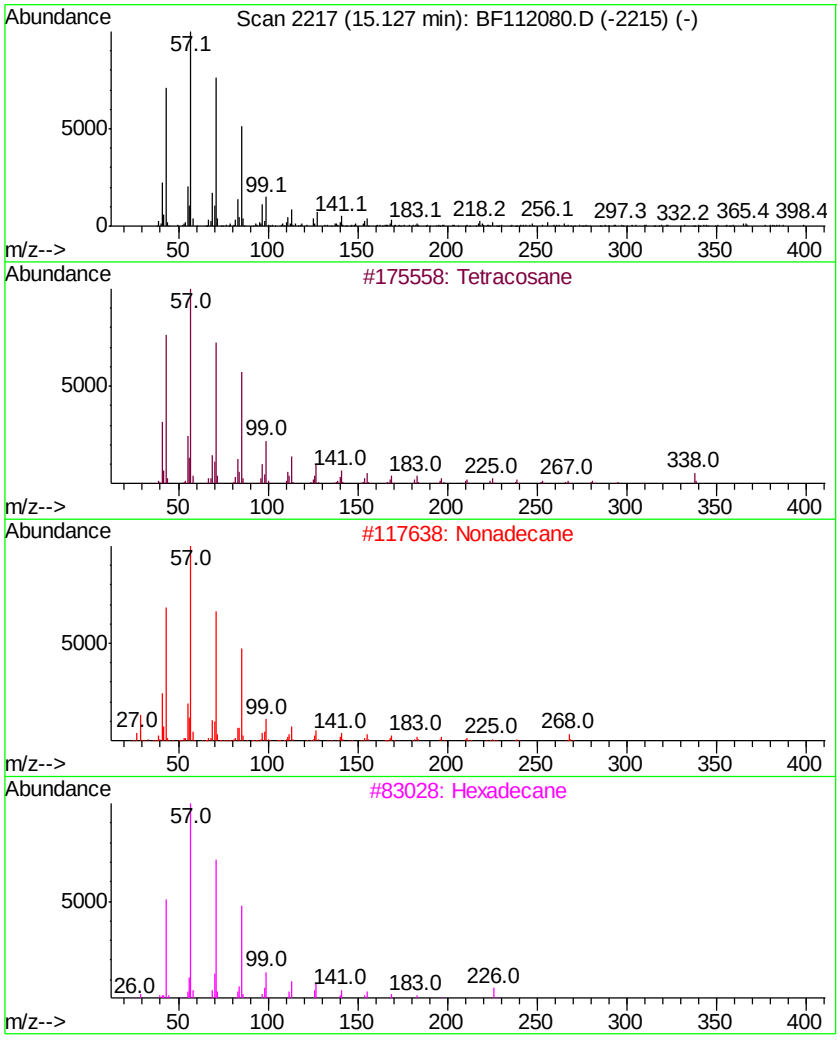
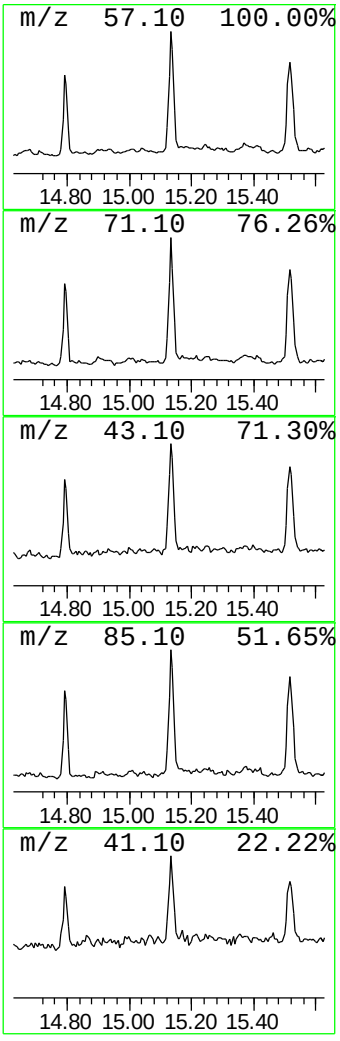
Peak Number 8 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.93 ng	442263	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
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Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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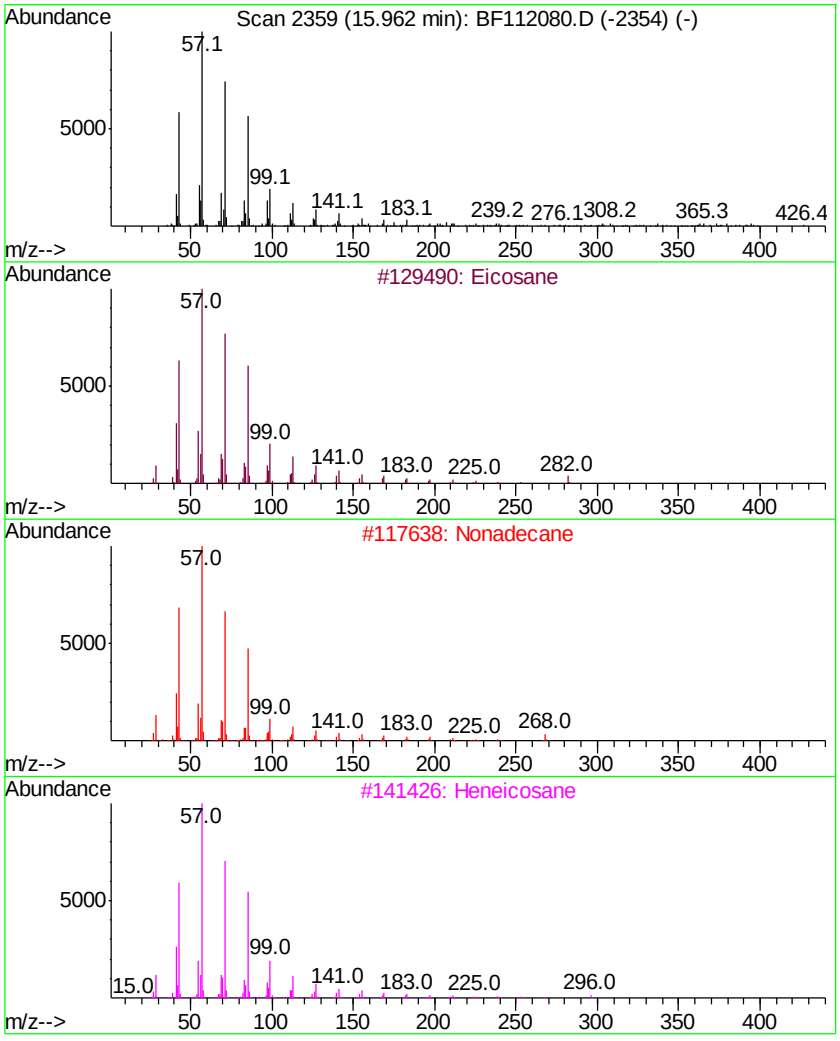
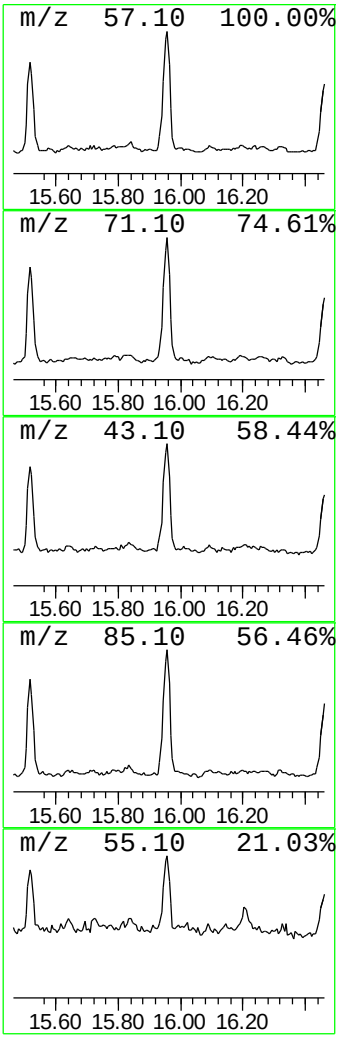
Peak Number 9 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.66 ng	524586	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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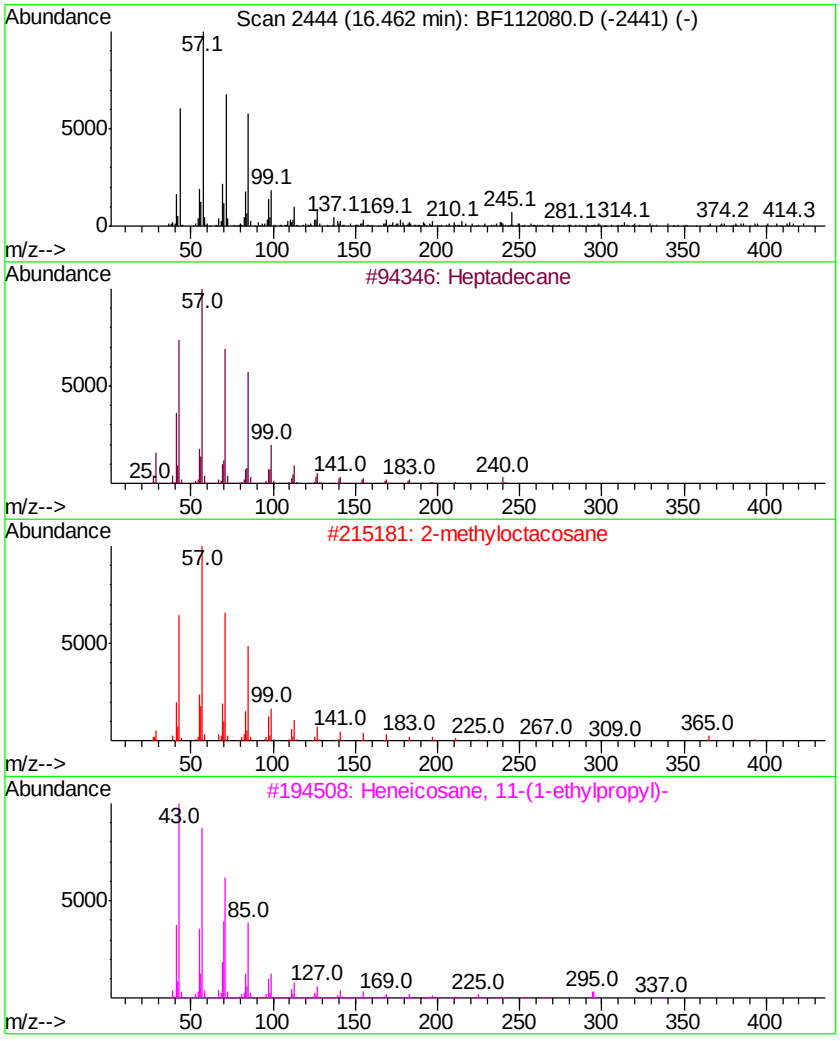
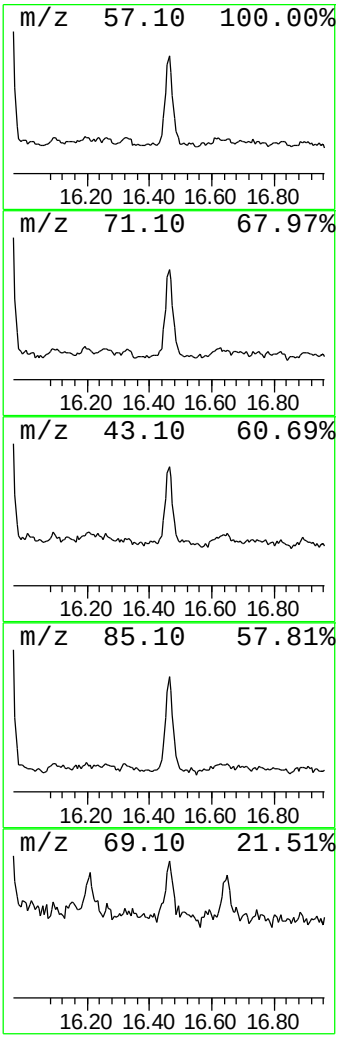
Peak Number 10 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.36 ng	377733	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	74
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
4	Docosane	310	C22H46	000629-97-0	72
5	Heptacosane	380	C27H56	000593-49-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
Data File : BF112080.D
Acq On : 17 Jan 2019 11:09
Operator : JU/SJ
Sample : K1010-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-011519-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
unknown6.63	6.63	13.7	ng	1162680	1	6.86	1692890	20.0
Tritetracontane	13.87	2.5	ng	248849	5	14.02	1975500	20.0
Heneicosane	14.18	2.3	ng	222687	5	14.02	1975500	20.0
Heptadecane	14.49	2.8	ng	279201	5	14.02	1975500	20.0
Heptadecane, 9-oc...	14.79	2.4	ng	270353	6	15.50	2249050	20.0
Tetracosane	15.13	3.9	ng	442263	6	15.50	2249050	20.0
Eicosane	15.96	4.7	ng	524586	6	15.50	2249050	20.0
2-methyloctacosane	16.46	3.4	ng	377733	6	15.50	2249050	20.0