LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

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-BF101819.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	5.345	551	554	573	rBV	268604	347449	10.13%	2.285%
2	6.375	726	729	744	rBV	362732	404759	11.80%	2.662%
3	6.504	748	751	761	rVV	454973	423884	12.36%	2.788%
4	6.728	786	789	802	rBV	212704	217808	6.35%	1.433%
5	6.887	813	816	829	rBV	359275	317078	9.25%	2.085%
6	7.292	883	885	896	rBV	202213	232678	6.78%	1.530%
7	8.010	1004	1007	1014	rVB	314863	274656	8.01%	1.806%
8	9.086	1186	1190	1195	rBV	530326	490494	14.30%	3.226%
9	9.481	1253	1257	1260	rBV2	79784	84719	2.47%	0.557%
10	9.763	1301	1305	1309	rBV	420127	345274	10.07%	2.271%
11	10.192	1376	1378	1381	rBV	56634	50975	1.49%	0.335%
12	10.316	1394	1399	1404	rBV4	18997	37959	1.11%	0.250%
13	10.416	1411	1416	1420	rVB	39992	45889	1.34%	0.302%
14	10.551	1436	1439	1446	rVB	288506	256889	7.49%	1.690%
15	10.669	1456	1459	1466	rVB2	86918	131643	3.84%	0.866%
16	11.116	1532	1535	1537	rBV	84383	70347	2.05%	0.463%
17	11.145	1537	1540	1546	rVB	75399	83367	2.43%	0.548%
18	11.245	1554	1557	1560	rBV	330377	339859	9.91%	2.235%
19	11.269	1560	1561	1568	rVB	153847	140617	4.10%	0.925%
20	11.539	1604	1607	1609	rBV	86340	67954	1.98%	0.447%
21	11.639	1621	1624	1628	rBV	814455	662811	19.33%	4.359%
22	11.786	1645	1649	1655	rBV2	242889	245579	7.16%	1.615%
23	11.863	1659	1662	1664	rBV	45350	38702	1.13%	0.255%
24	11.945	1673	1676	1681	rBV	82977	71106	2.07%	0.468%
25	12.327	1737	1741	1743	rBV	2010608	2159109	62.96%	14.200%
26	12.357	1743	1746	1751	rVB	3807599	3429481	100.00%	22.555%
27	12.433	1756	1759	1761	rBV	390627	307307	8.96%	2.021%
28	12.463	1761	1764	1767	rVV	339410	378247	11.03%	2.488%
29	12.492	1767	1769	1779	rVV	311357	347908	10.14%	2.288%
30	12.563	1779	1781	1787	rVB2	69266	74470	2.17%	0.490%
31	12.692	1800	1803	1809	rVB	273692	301241	8.78%	1.981%
32	12.827	1820	1826	1830	rBV	463649	453945	13.24%	2.986%
33	12.910	1837	1840	1843	rBV4	29957	49113	1.43%	0.323%
34	12.986	1851	1853	1855	rBV2	44918	47230	1.38%	0.311%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

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-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.021	1857	1859	1863	rVV	52895	60246	1.76%	0.396%
36	13.063	1863	1866	1867	rVV2	58111	59944	1.75%	0.394%
37	13.074	1867	1868	1874	rVB2	83126	82210	2.40%	0.541%
38	13.157	1879	1882	1884	rVB	67477	64652	1.89%	0.425%
39	13.404	1921	1924	1926	rBV	38621	39729	1.16%	0.261%
40	13.733	1977	1980	1989	rVB5	81306	162140	4.73%	1.066%
41	13.821	1992	1995	1999	rBV2	61690	56569	1.65%	0.372%
42	13.886	2002	2006	2009	rVV2	294684	406573	11.86%	2.674%
43	13.916	2009	2011	2016	rVB	132326	130280	3.80%	0.857%
44	14.045	2031	2033	2040	rBV5	37342	39494	1.15%	0.260%
45	14.351	2082	2085	2087	rBV2	62720	64359	1.88%	0.423%
46	14.757	2151	2154	2162	rVB	58773	107634	3.14%	0.708%
47	14.915	2178	2181	2184	rBV	108173	140161	4.09%	0.922%
48	14.963	2187	2189	2194	rVB	85791	85035	2.48%	0.559%
49	15.204	2227	2230	2235	rVB	60263	73109	2.13%	0.481%
50	15.262	2237	2240	2246	rVB	88932	119216	3.48%	0.784%
51	15.321	2246	2250	2255	rBV	232645	294944	8.60%	1.940%
52	15.504	2279	2281	2285	rVB4	40135	44412	1.30%	0.292%
53	15.727	2315	2319	2326	rVB	85553	120908	3.53%	0.795%
54	16.745	2486	2492	2499	rVB2	57910	122535	3.57%	0.806%

Sum of corrected areas: 15204697

LSC Report - Integrated Chromatogram

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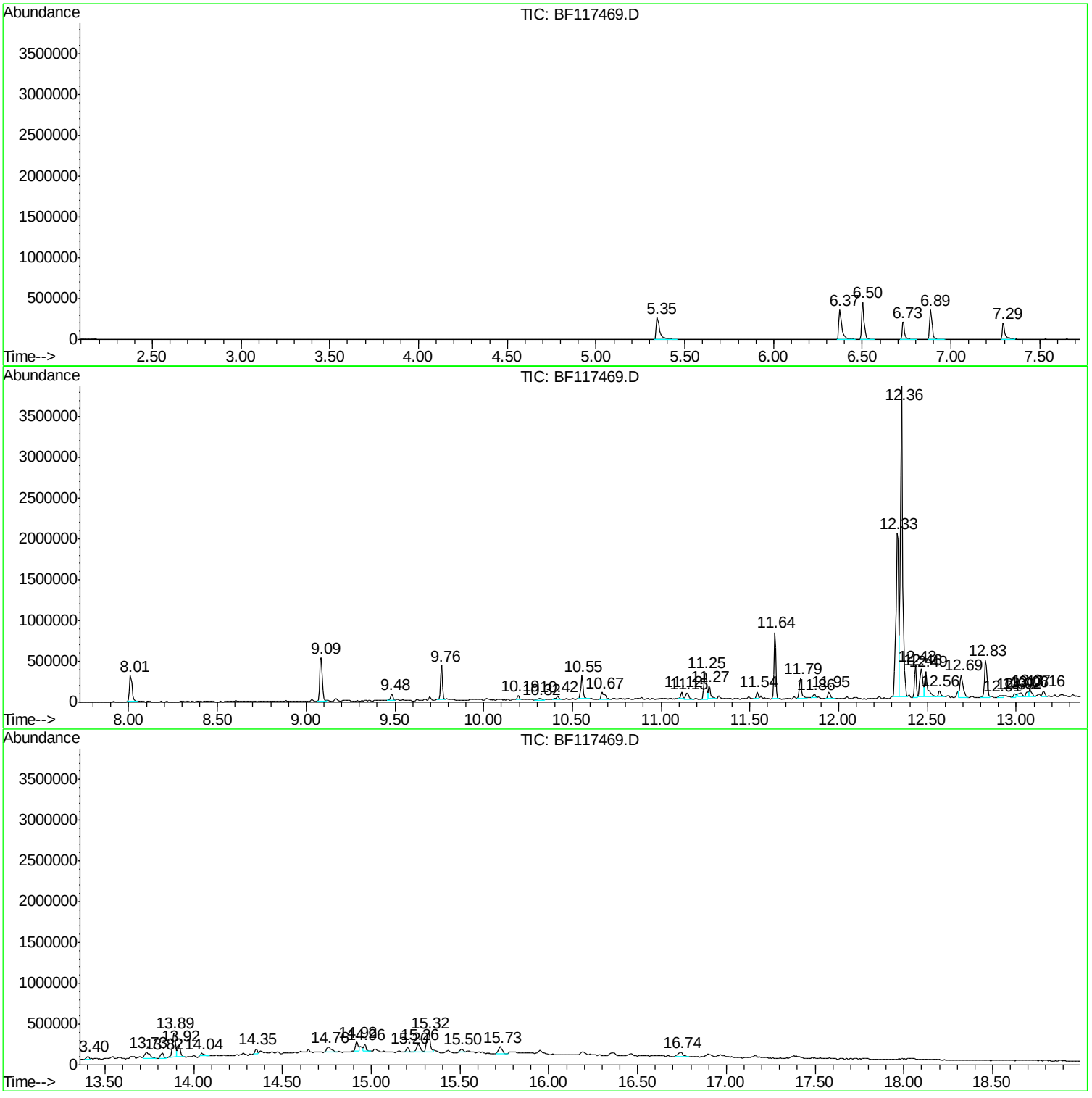
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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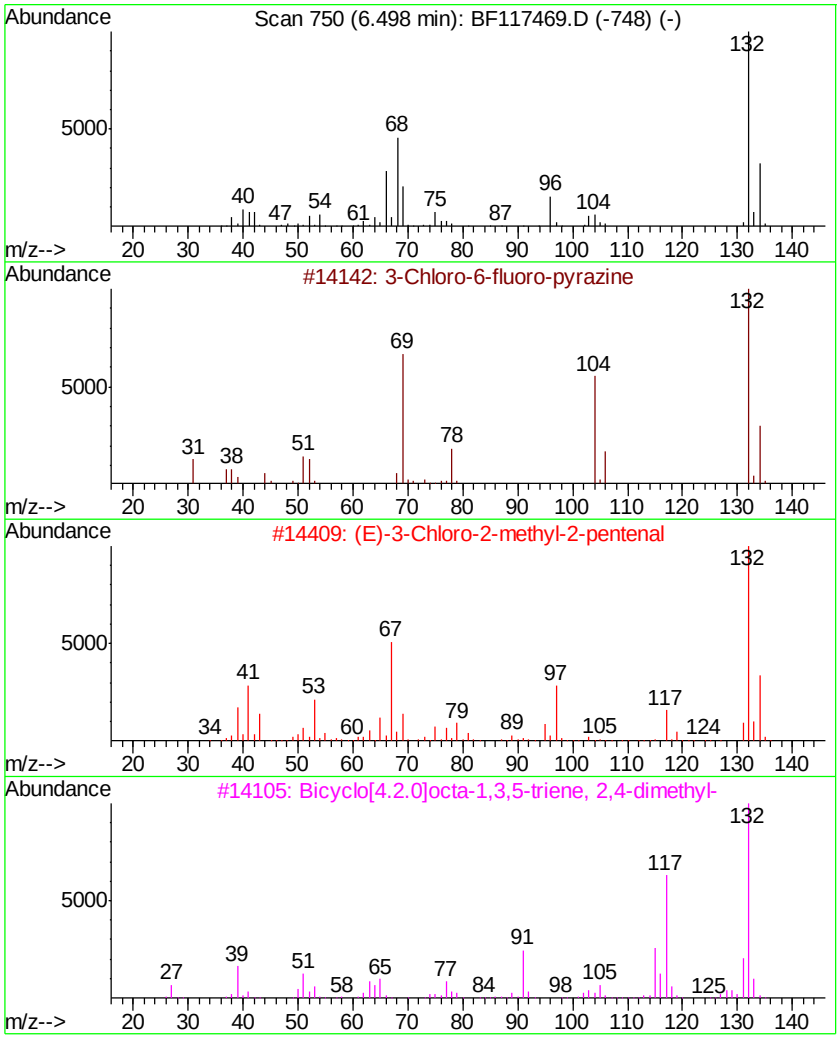
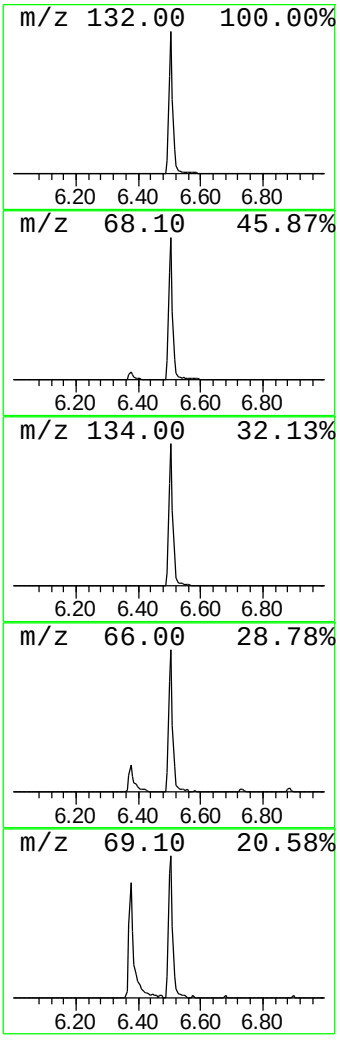
Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	38.92 ng	423884	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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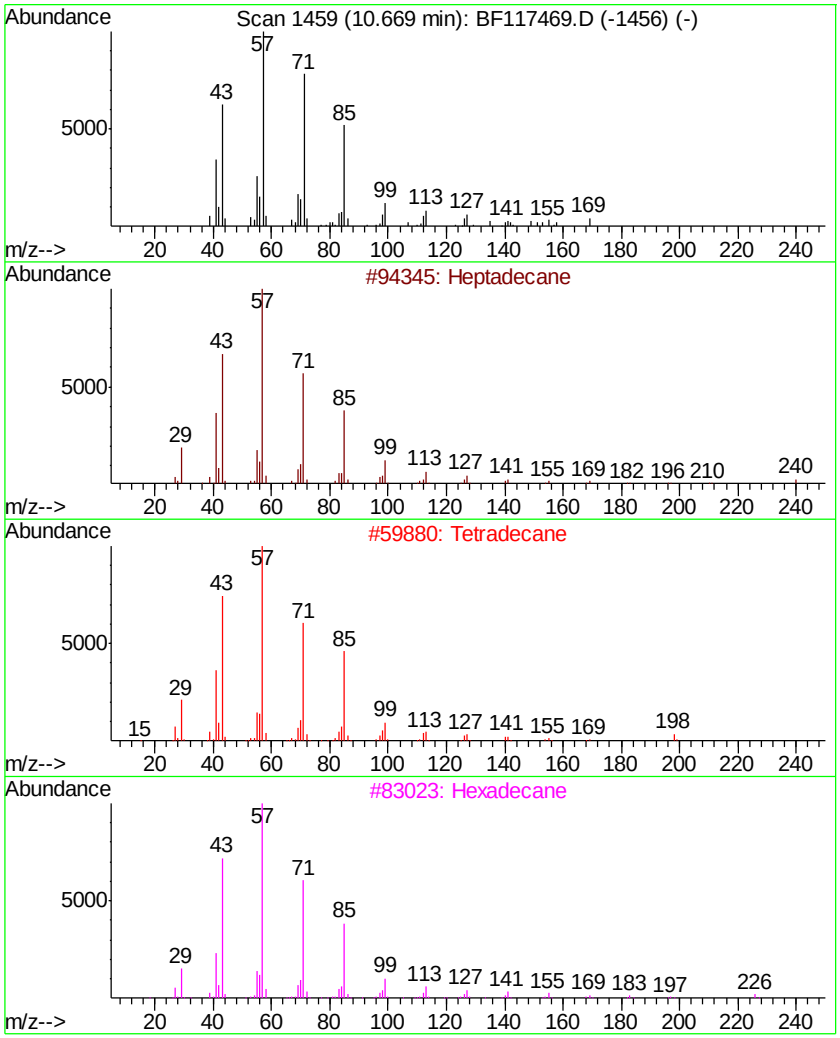
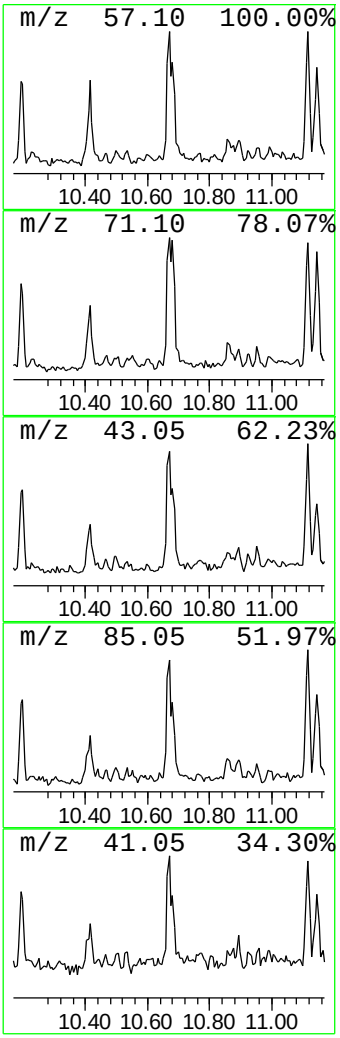
Peak Number 3 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	7.75 ng	131643	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tritetracontane	605	C43H88	007098-21-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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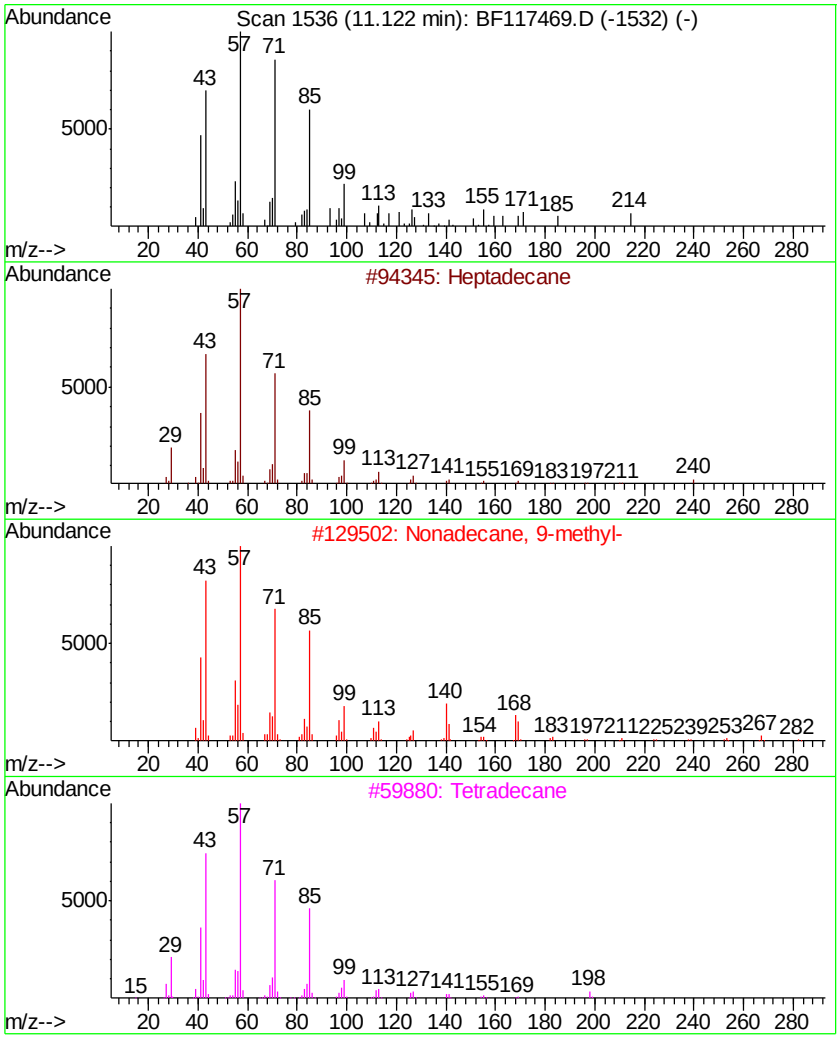
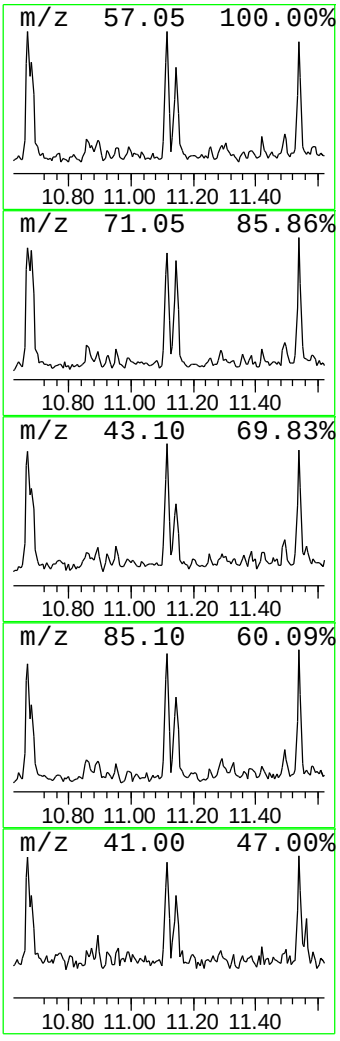
Peak Number 4 Nonadecane, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	4.14 ng	70347	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

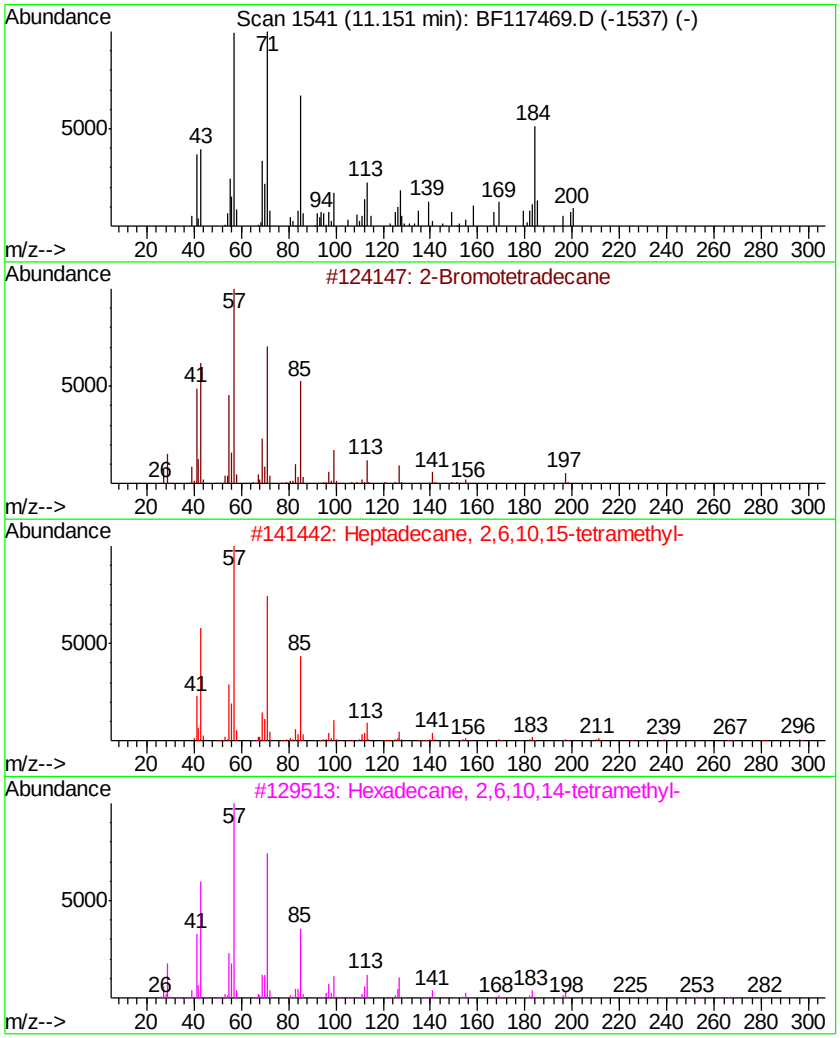
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

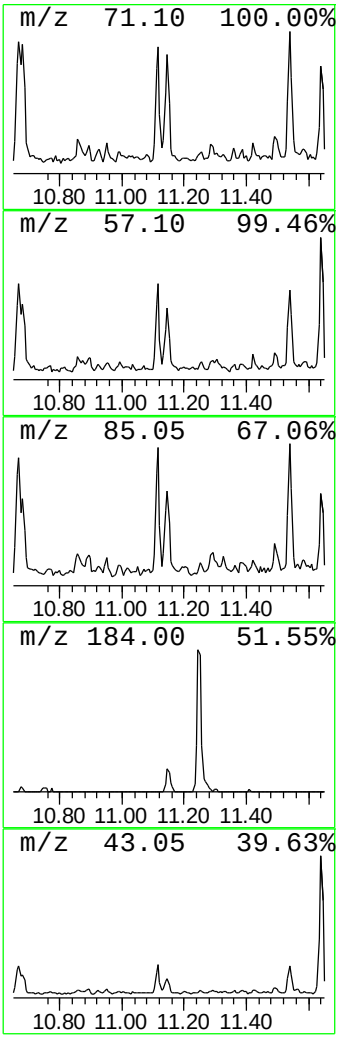
****

Peak Number 5 2-Bromotetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.91 ng	83367	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Hexacosane	366	C26H54	000630-01-3	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





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Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

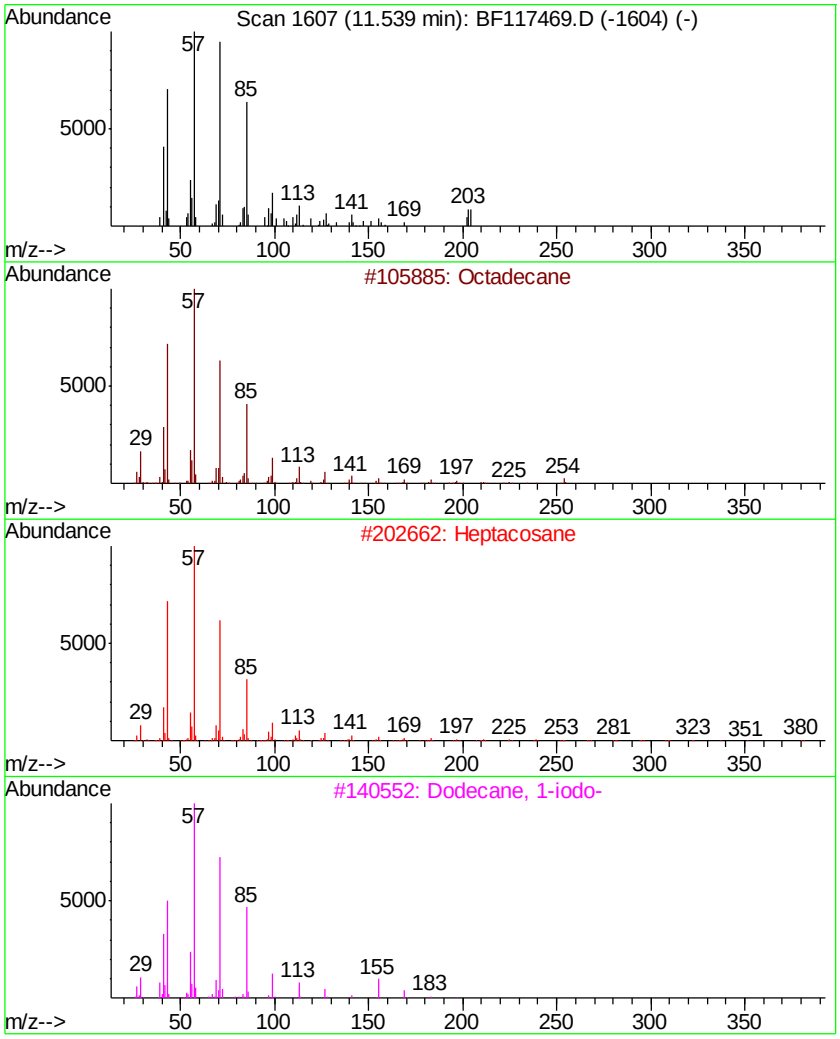
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

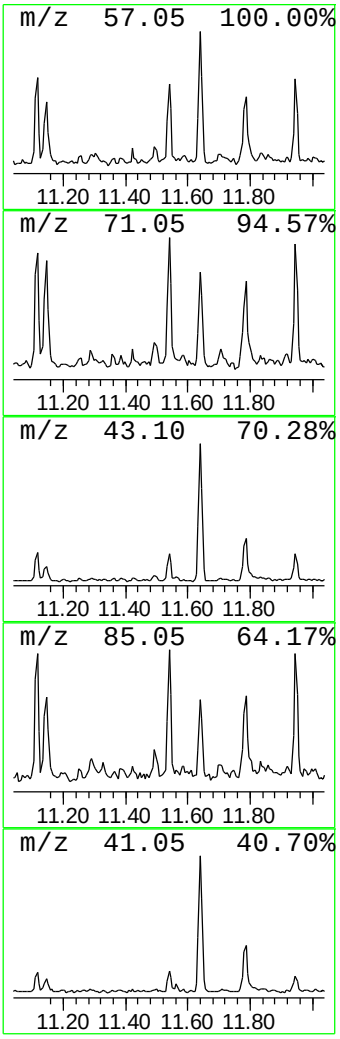
****

Peak Number 6 Dodecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.00 ng	67954	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Heptacosane	380	C27H56	000593-49-7	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Heneicosane	296	C21H44	000629-94-7	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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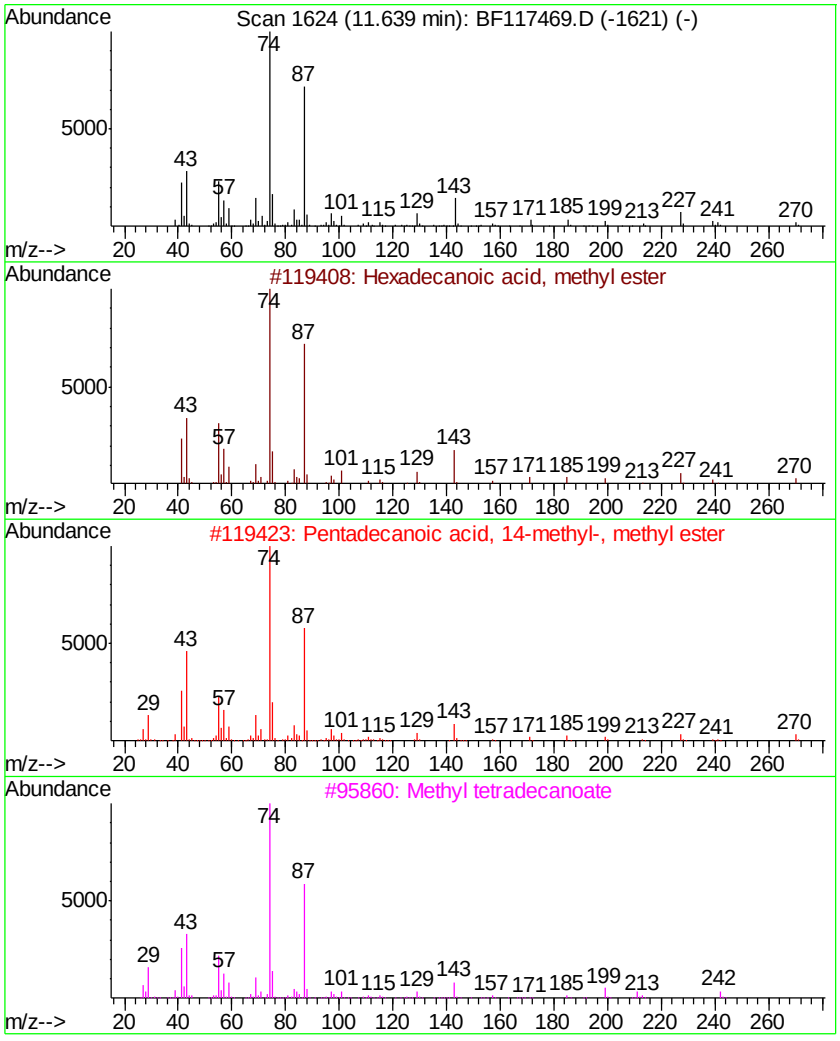
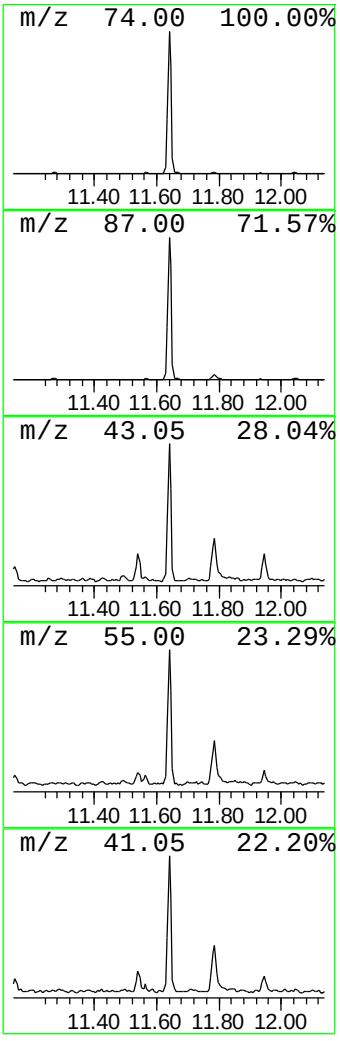
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	39.01 ng	662811	Phenanthrene-d10	11.25

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	97
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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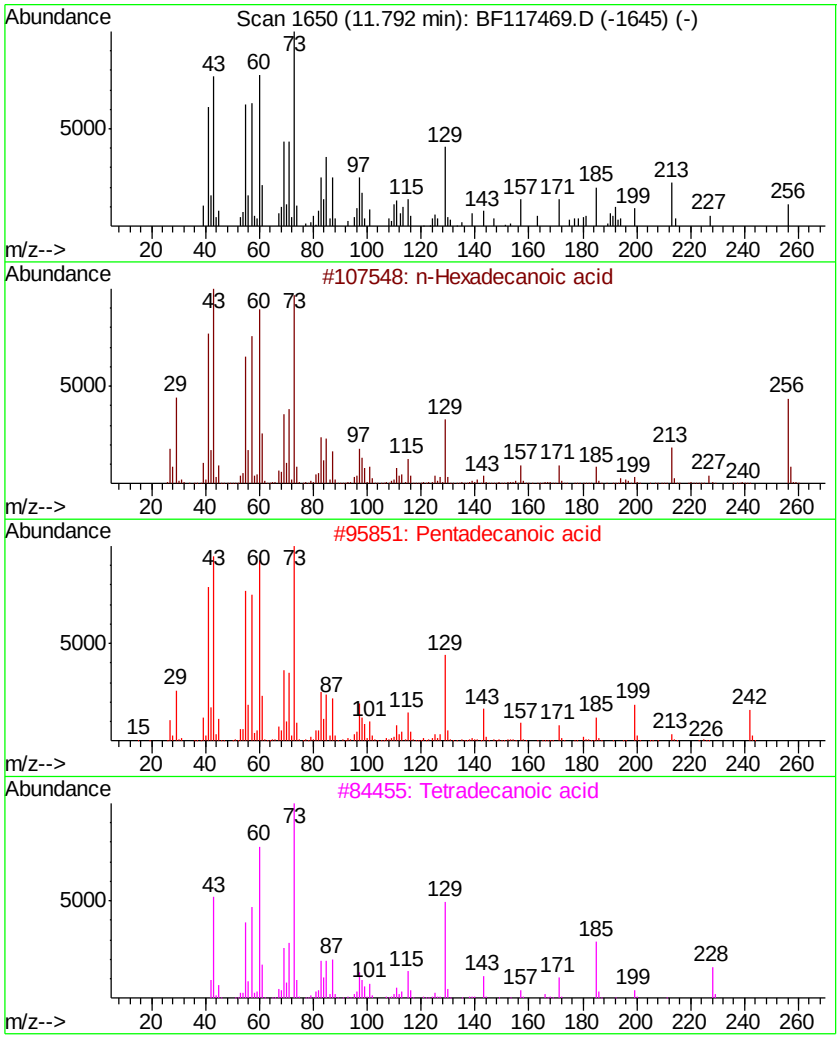
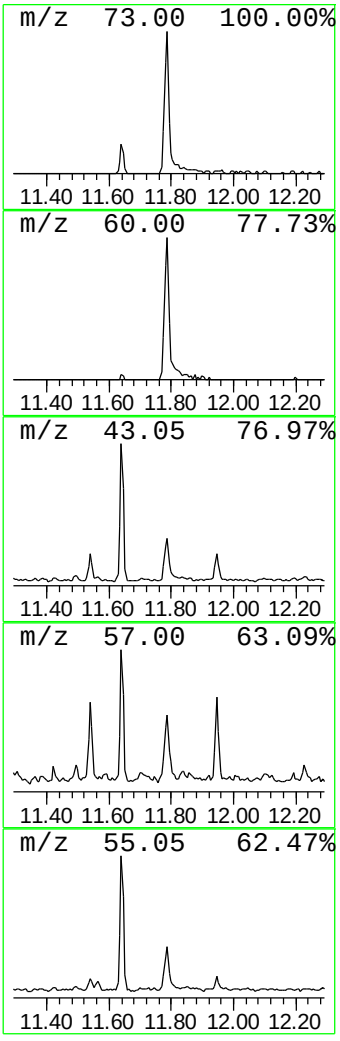
Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	14.45 ng	245579	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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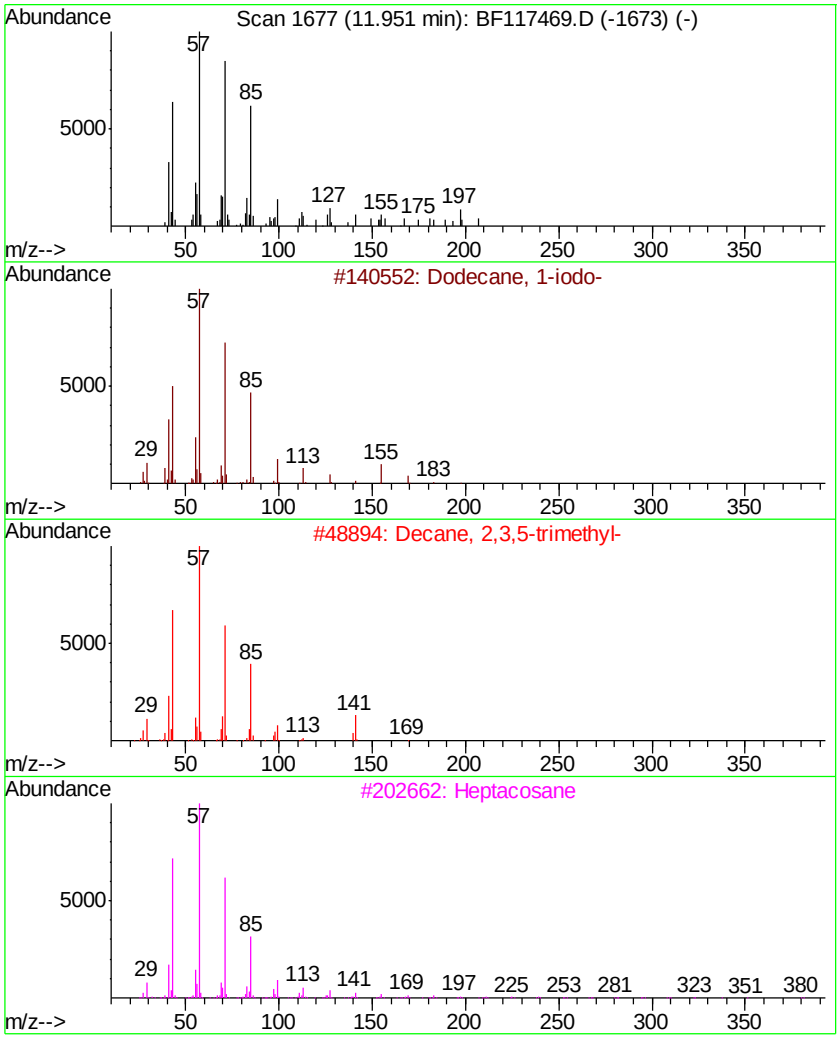
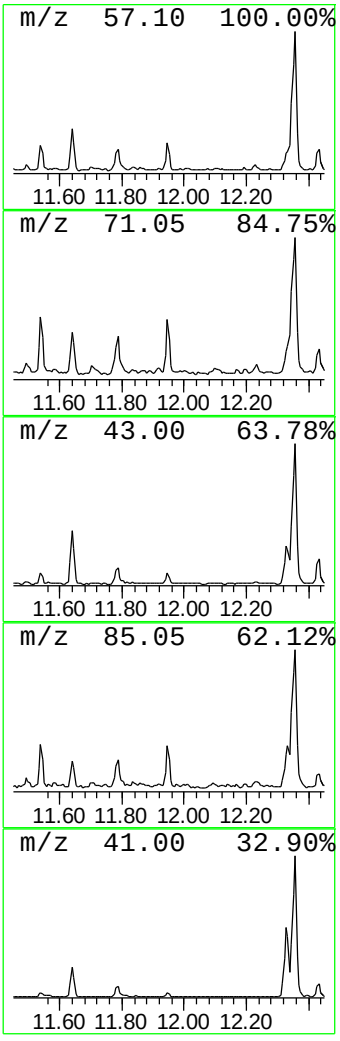
Peak Number 9 Decane, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.18 ng	71106	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	49





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Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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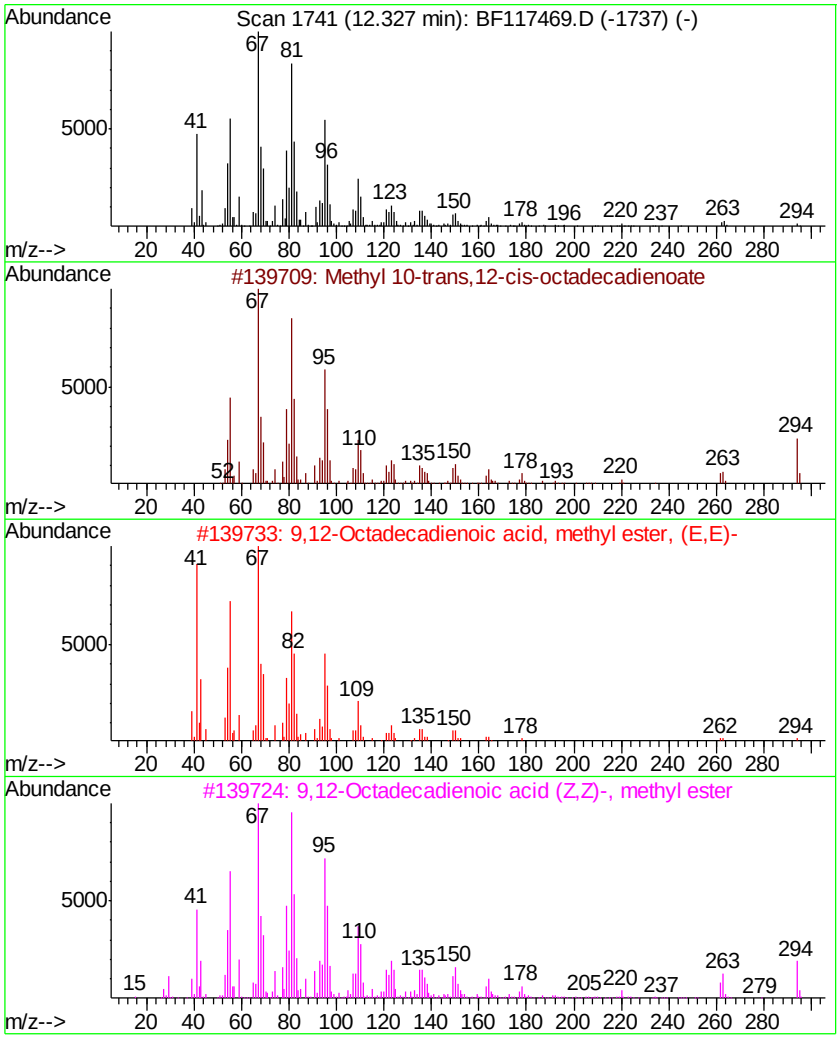
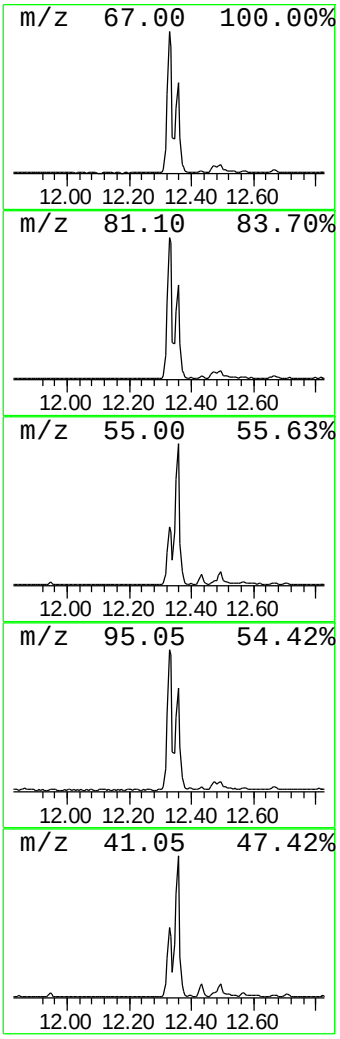
Peak Number 10 Methyl 10-trans,12-cis-octa... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	127.06 ng	2159110	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





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Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

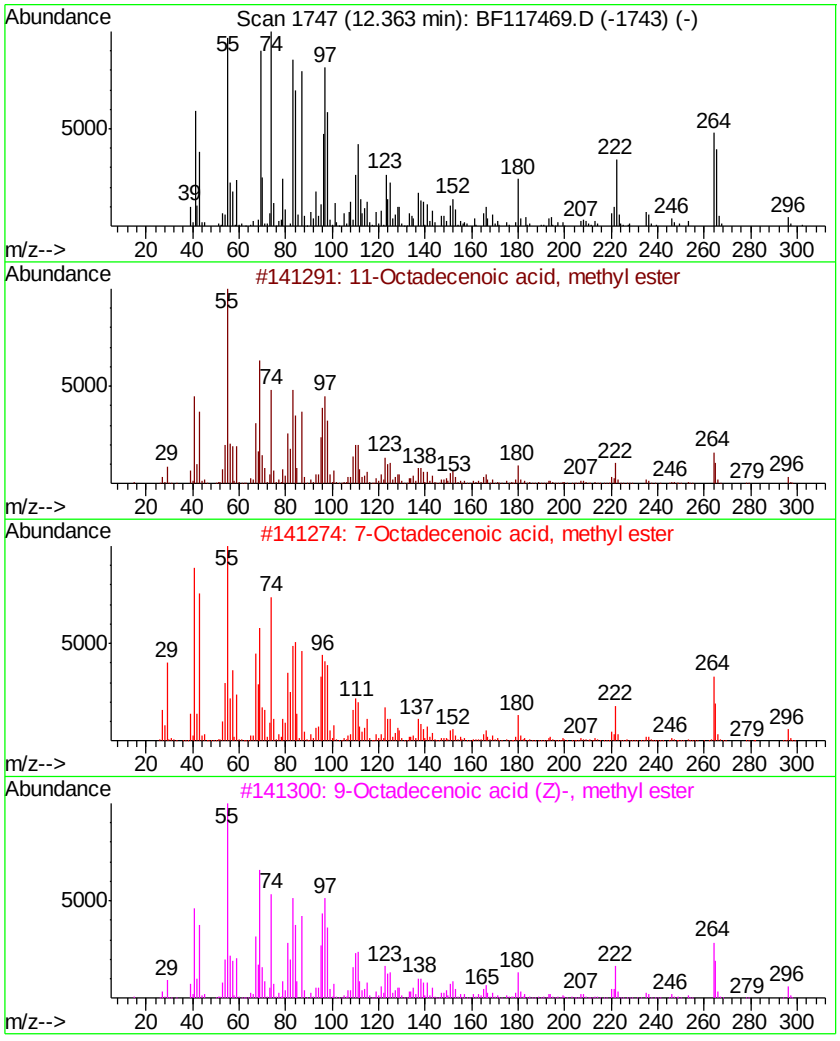
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

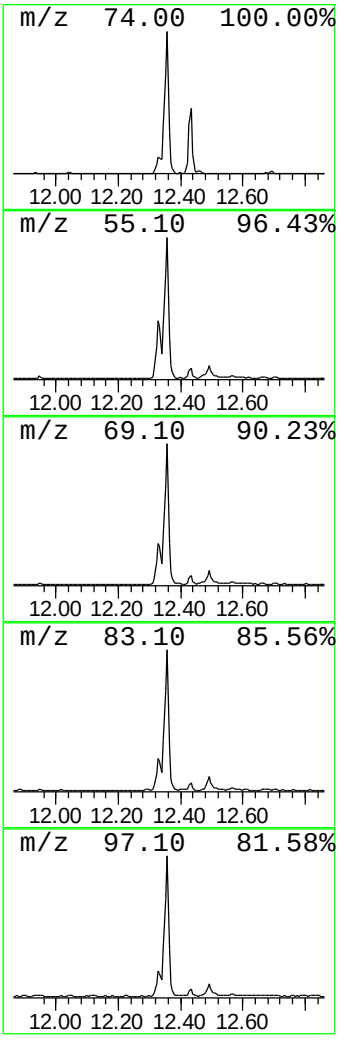
****

Peak Number 11 11-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	201.82 ng	3429480	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	97
2	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	97
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	87





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Acq On : 22 Oct 2019 1:09
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

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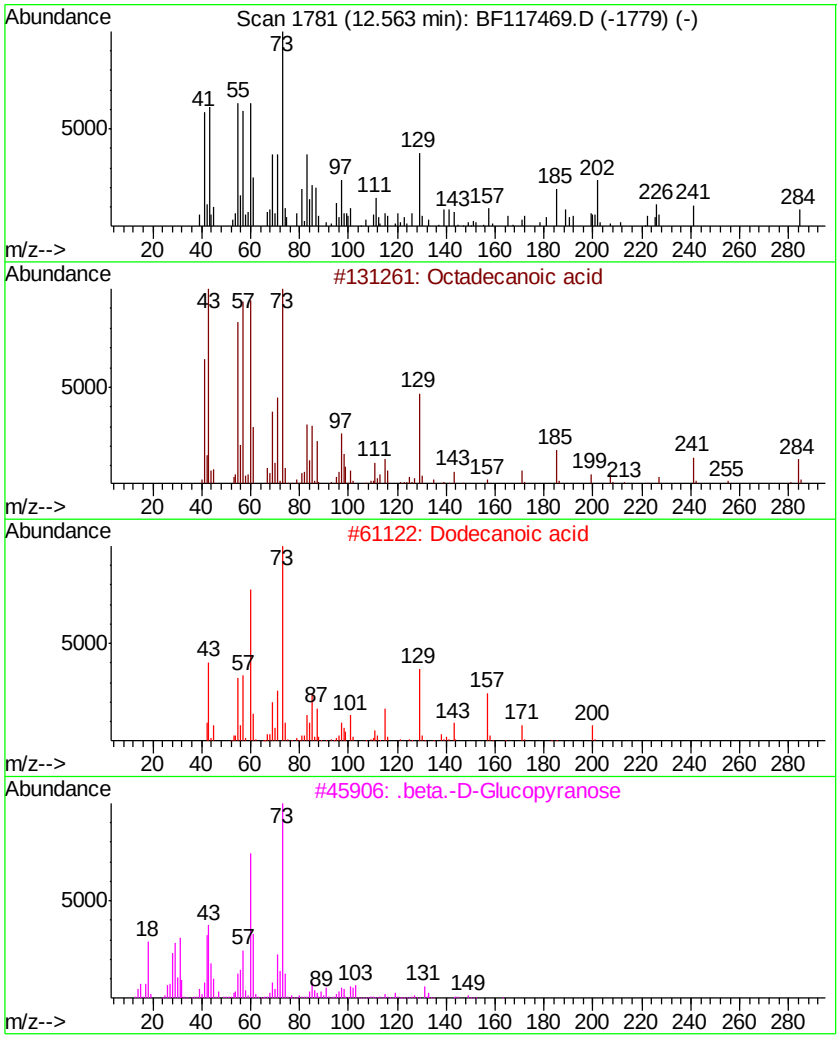
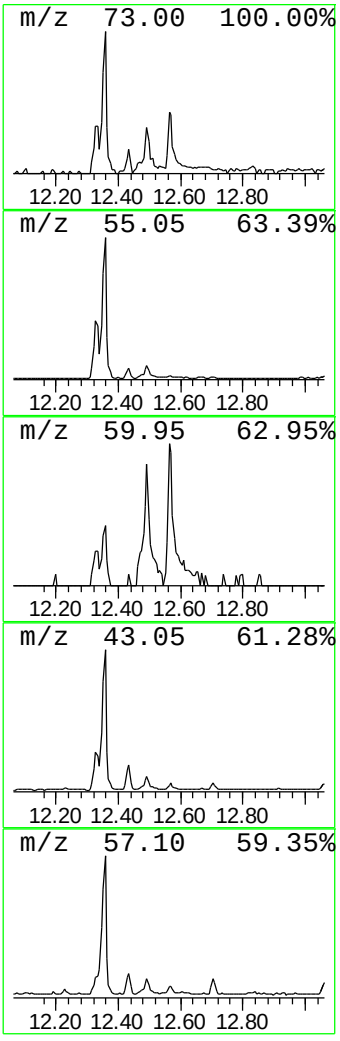
****

Peak Number 12 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.38 ng	74470	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	49
3	.beta.-D-Glucopyranose	180	C6H12O6	000492-61-5	27
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	27
5	.alpha.-D-Glucopyranoside, O-.al...	504	C18H32O16	000597-12-6	22





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Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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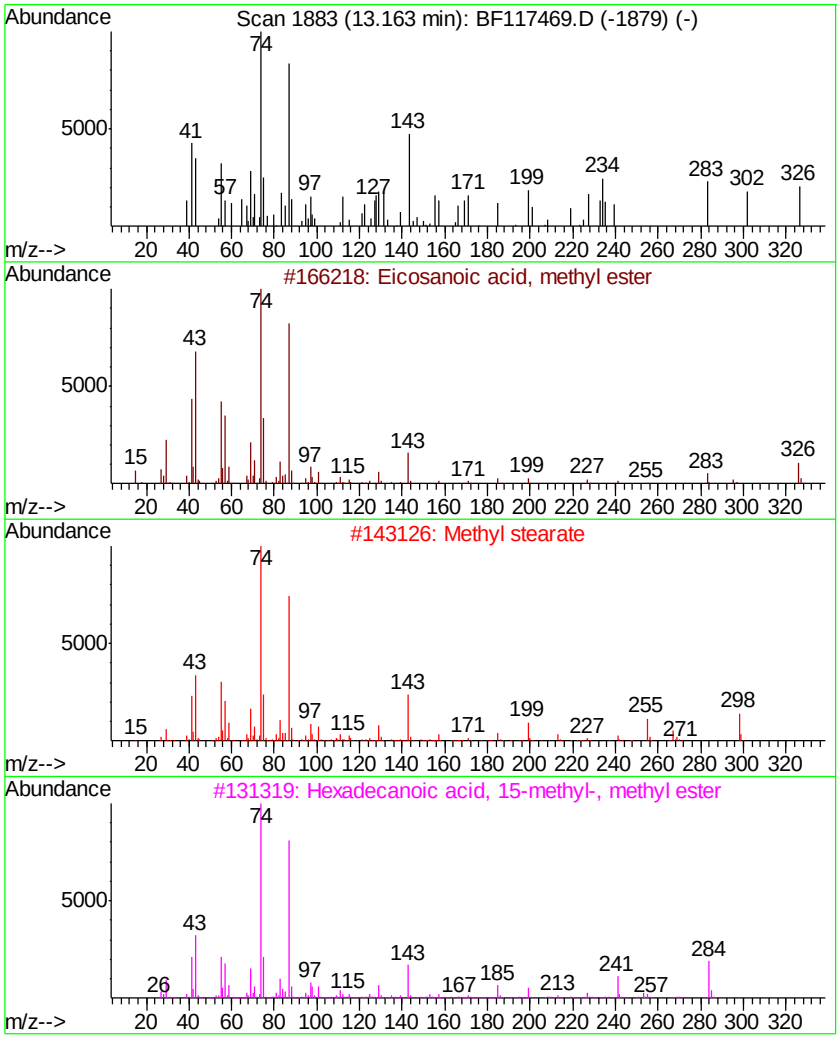
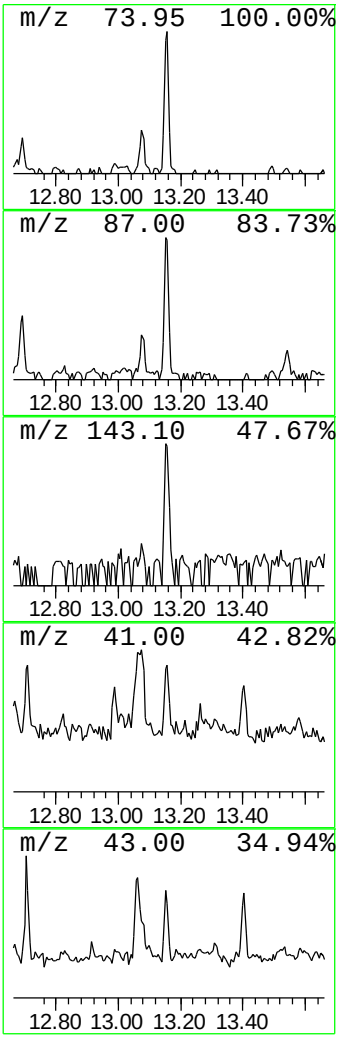
Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.18 ng	64652	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
2	Methyl stearate	298	C19H38O2	000112-61-8	80
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	80
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72





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Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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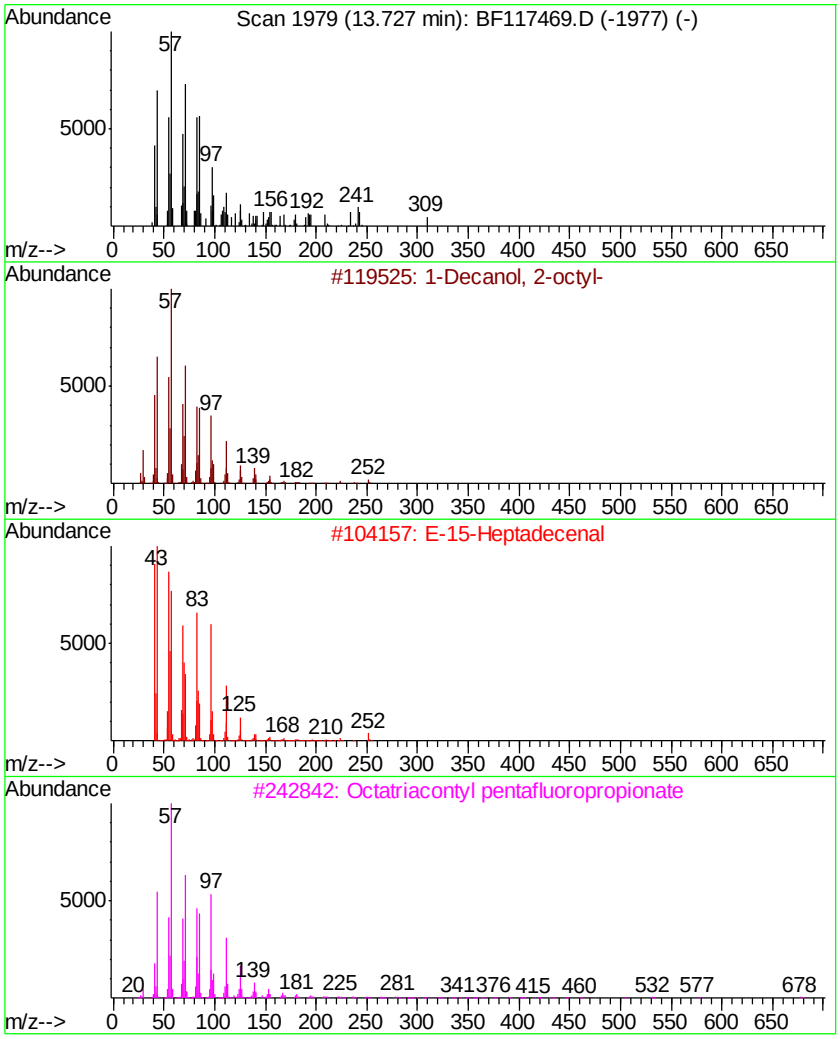
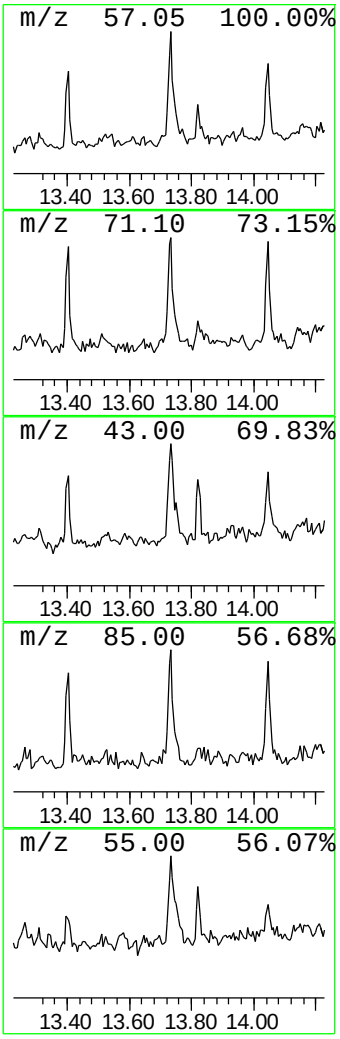
Peak Number 15 1-Decanol, 2-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	7.98 ng	162140	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	83
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	76
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	76
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70





Library Search Compound Report

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Data File : BF117469.D
Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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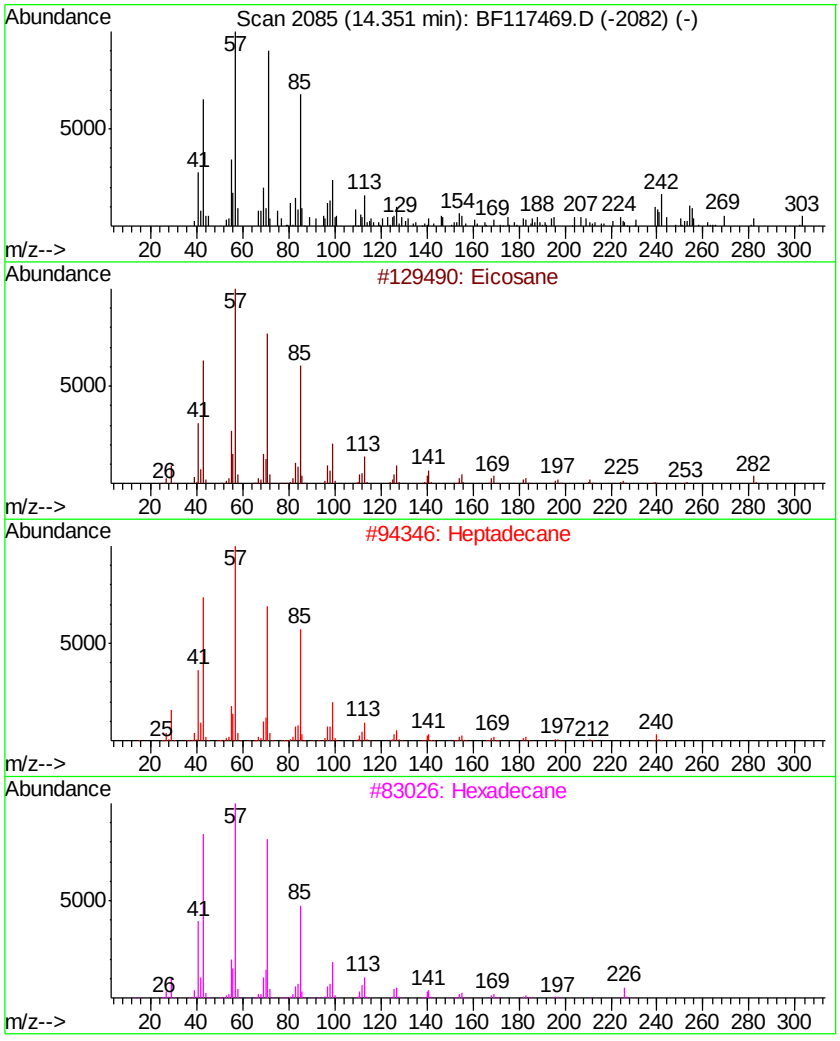
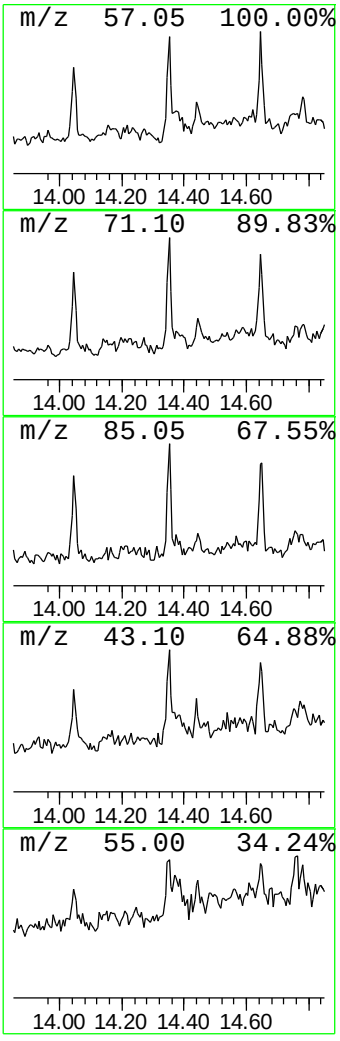
Peak Number 16 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.17 ng	64359	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane	226	C16H34	000544-76-3	70
4	Octadecane	254	C18H38	000593-45-3	70
5	Heneicosane	296	C21H44	000629-94-7	62





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Acq On : 22 Oct 2019 1:09
Operator : JU
Sample : K5150-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

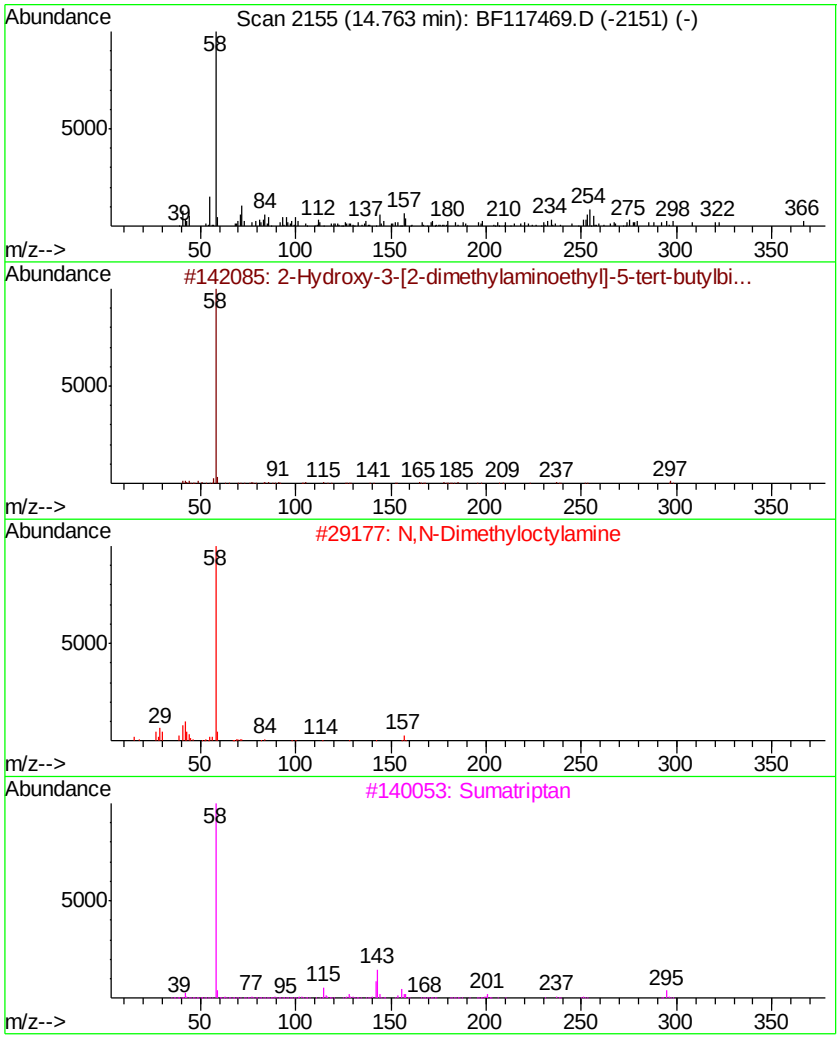
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

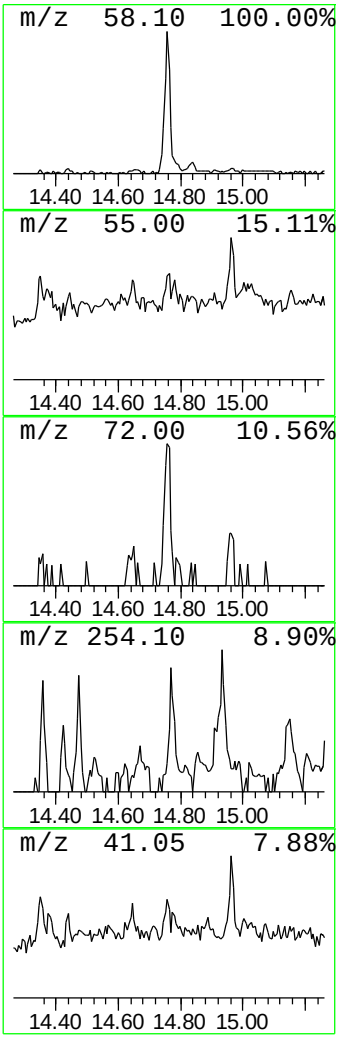
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Hydroxy-3-[2-dimethylamin... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	7.30 ng	107634	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-3-[2-dimethylaminoethy...	297	C20H27NO	021912-01-6	64
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
3	Sumatriptan	295	C14H21N3O2S	103628-46-2	64
4	Dimantine	297	C20H43N	000124-28-7	64
5	Normethadone	295	C20H25NO	000467-85-6	64





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-101819

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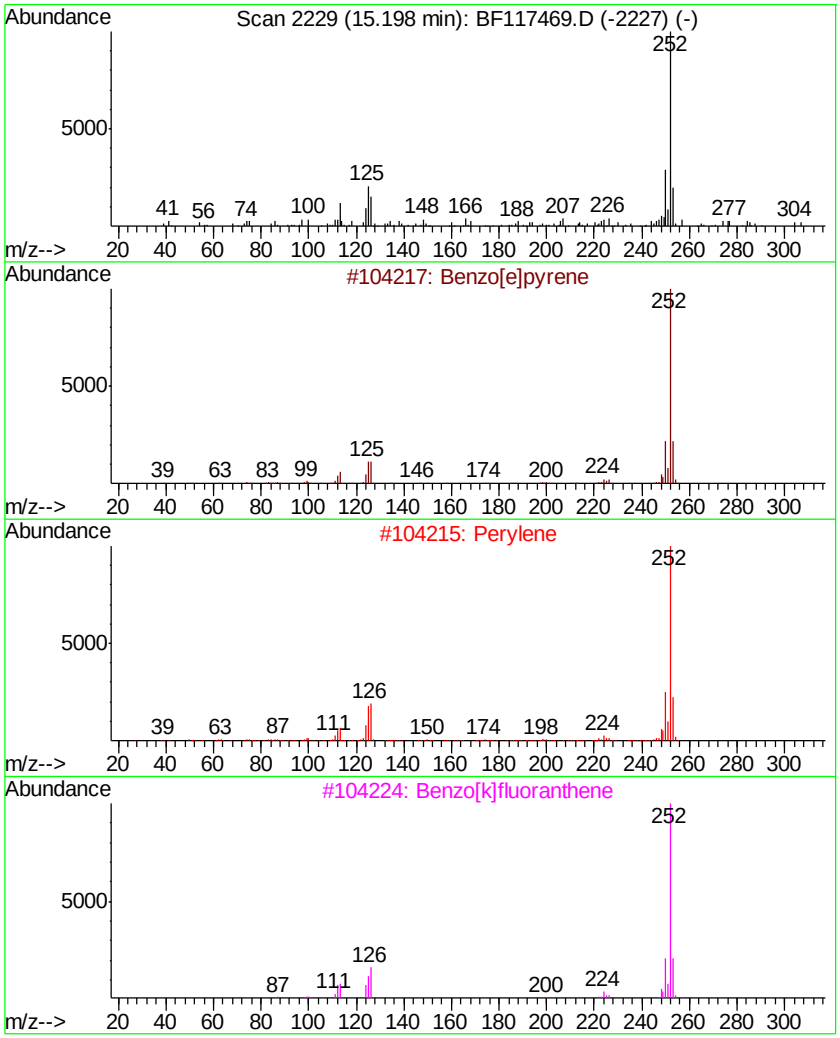
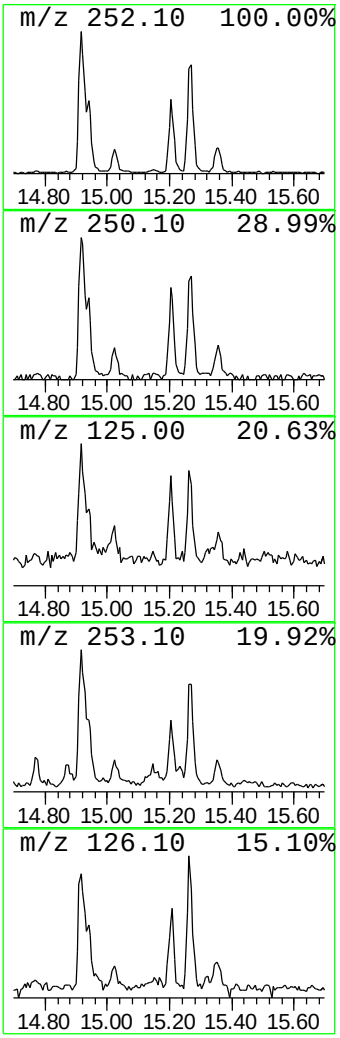
Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	4.96 ng	73109	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
5	Benzo[a]pyrene	252	C20H12	000050-32-8	86





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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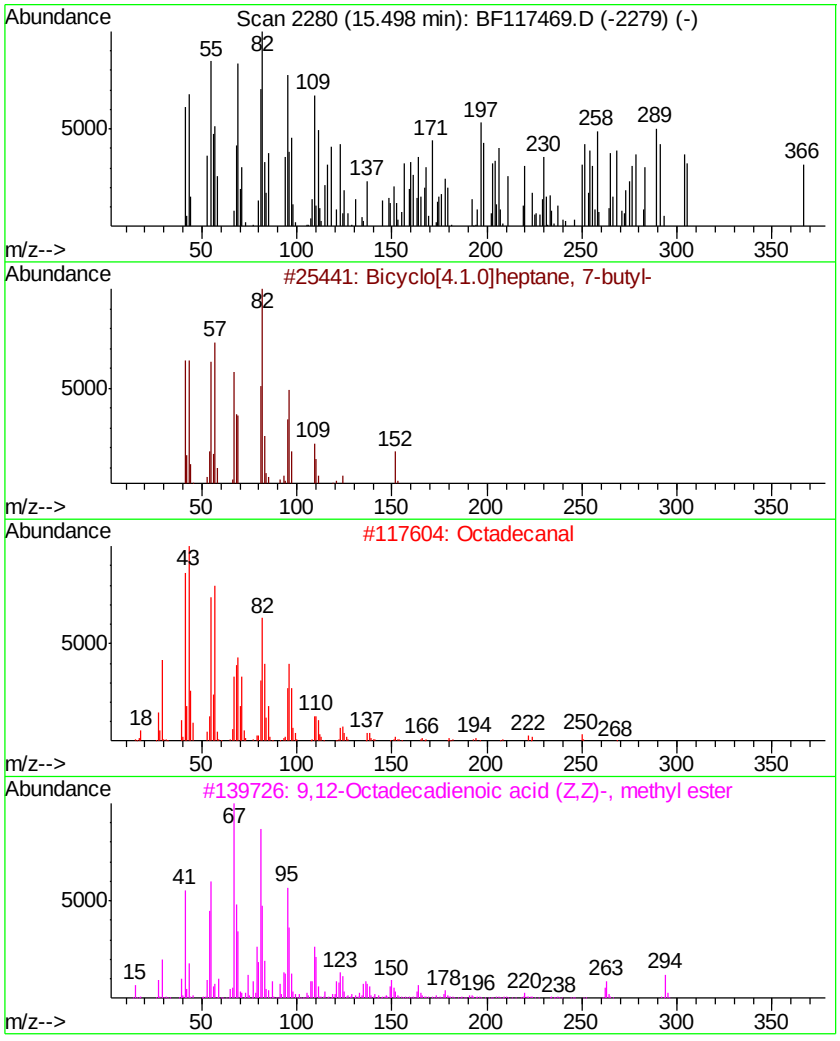
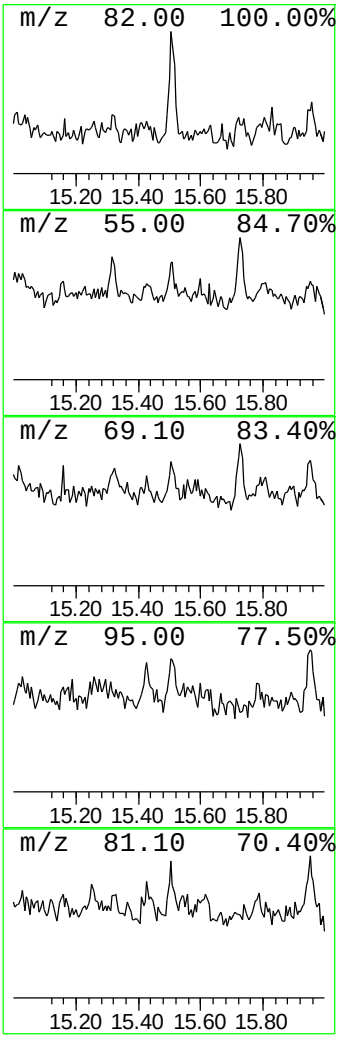
Peak Number 19 Bicyclo[4.1.0]heptane, 7-bu... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.01 ng	44412	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	64
2	Octadecanal	268	C18H36O	000638-66-4	49
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	45
4	E-6-Octadecen-1-ol acetate	310	C20H38O2	1000130-94-7	38
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	38





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Instrument : BNA_F
ClientSampleId : PL-01-101819

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TIC Integration Parameters: LSCINT.P

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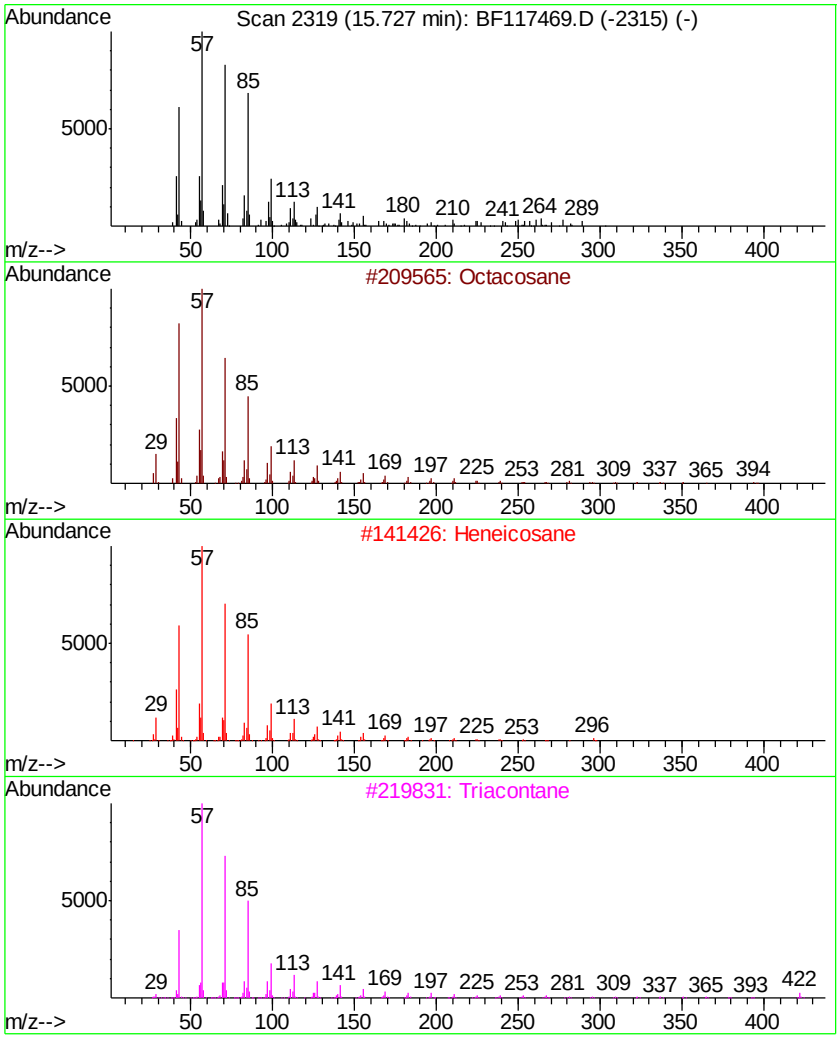
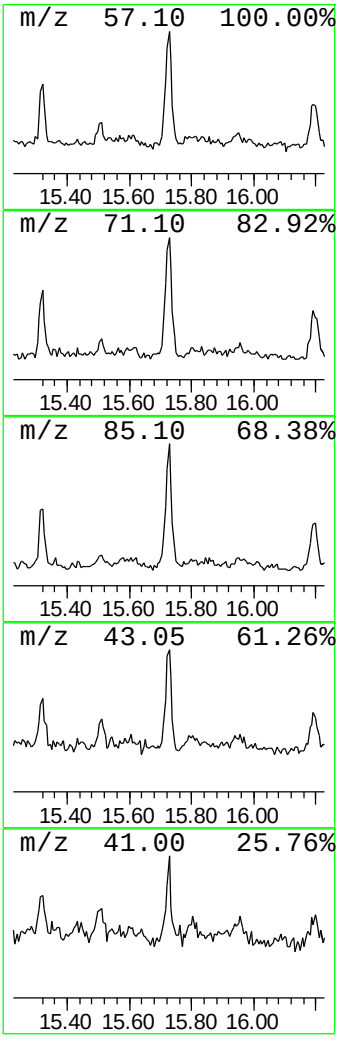
Peak Number 20 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	8.20 ng	120908	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

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Data File : BF117469.D
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Instrument : BNA_F
ClientSampleId : PL-01-101819

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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
unknown6.50	6.50	38.9	ng	423884	1	6.73	217808	20.0
Heptadecane	10.67	7.8	ng	131643	4	11.25	339859	20.0
Nonadecane, 9-met...	11.12	4.1	ng	70347	4	11.25	339859	20.0
2-Bromotetradecane	11.15	4.9	ng	83367	4	11.25	339859	20.0
Dodecane, 1-iodo-	11.54	4.0	ng	67954	4	11.25	339859	20.0
Hexadecanoic acid...	11.64	39.0	ng	662811	4	11.25	339859	20.0
n-Hexadecanoic acid	11.79	14.4	ng	245579	4	11.25	339859	20.0
Decane, 2,3,5-tri...	11.95	4.2	ng	71106	4	11.25	339859	20.0
Methyl 10-trans,1...	12.33	127.1	ng	2159110	4	11.25	339859	20.0
11-Octadecenoic a...	12.36	201.8	ng	3429480	4	11.25	339859	20.0
Octadecanoic acid	12.56	4.4	ng	74470	4	11.25	339859	20.0
Eicosanoic acid, ...	13.16	3.2	ng	64652	5	13.89	406573	20.0
1-Decanol, 2-octyl-	13.73	8.0	ng	162140	5	13.89	406573	20.0
Eicosane	14.35	3.2	ng	64359	5	13.89	406573	20.0
2-Hydroxy-3-[2-di...	14.76	7.3	ng	107634	6	15.32	294944	20.0
Benzo[e]pyrene	15.20	5.0	ng	73109	6	15.32	294944	20.0
Bicyclo[4.1.0]hep...	15.50	3.0	ng	44412	6	15.32	294944	20.0
Octacosane	15.73	8.2	ng	120908	6	15.32	294944	20.0