LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

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-BF091319.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	5.416	563	566	593	rBV	306930	438012	6.05%	1.712%
2	6.440	736	740	753	rBV	358386	508148	7.02%	1.986%
3	6.569	758	762	769	rVV	556654	513600	7.10%	2.008%
4	6.793	797	800	808	rBV	272756	266578	3.68%	1.042%
5	6.951	823	827	834	rBV	411996	388816	5.37%	1.520%
6	7.357	893	896	900	rBV	209534	241165	3.33%	0.943%
7	8.075	1013	1018	1024	rBV	327929	439337	6.07%	1.717%
8	8.669	1116	1119	1122	rBV2	125326	113835	1.57%	0.445%
9	9.151	1197	1201	1206	rBV	669917	589724	8.15%	2.305%
10	9.234	1210	1215	1219	rBV	157443	159715	2.21%	0.624%
11	9.551	1265	1269	1271	rBV2	127202	147055	2.03%	0.575%
12	9.757	1302	1304	1309	rVB	138966	124896	1.73%	0.488%
13	9.828	1313	1316	1320	rVV	408565	396794	5.48%	1.551%
14	10.257	1387	1389	1392	rVB	167479	126573	1.75%	0.495%
15	10.381	1404	1410	1419	rBV3	43231	107854	1.49%	0.422%
16	10.480	1422	1427	1432	rVB	59786	87101	1.20%	0.340%
17	10.622	1448	1451	1462	rVB	274937	325551	4.50%	1.273%
18	10.733	1467	1470	1478	rVB	159392	209635	2.90%	0.819%
19	11.180	1542	1546	1548	rBV	153748	135867	1.88%	0.531%
20	11.210	1548	1551	1557	rVB2	77599	93588	1.29%	0.366%
21	11.322	1566	1570	1572	rBV	355553	388113	5.36%	1.517%
22	11.339	1572	1573	1580	rVB	203395	205558	2.84%	0.804%
23	11.604	1615	1618	1620	rBV	148872	119671	1.65%	0.468%
24	11.710	1631	1636	1639	rBV	2100133	1762085	24.36%	6.888%
25	11.851	1657	1660	1666	rVB2	147961	170423	2.36%	0.666%
26	11.933	1671	1674	1677	rBV	78680	84629	1.17%	0.331%
27	12.010	1684	1687	1692	rVB	131856	119127	1.65%	0.466%
28	12.404	1743	1754	1755	rBV	4103186	5077353	70.18%	19.847%
29	12.427	1755	1758	1763	rVV	6206294	7234342	100.00%	28.279%
30	12.498	1767	1770	1773	rVB	1058531	827829	11.44%	3.236%
31	12.539	1773	1777	1779	rBV	478857	524568	7.25%	2.051%
32	12.557	1779	1780	1787	rVB2	234718	199381	2.76%	0.779%
33	12.769	1811	1816	1822	rVB	452315	494259	6.83%	1.932%
34	12.898	1834	1838	1842	rBV	513151	483529	6.68%	1.890%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : EO-02-101019

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-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.127	1874	1877	1878	rBV	76861	77014	1.06%	0.301%
36	13.222	1890	1893	1896	rVB	118379	112831	1.56%	0.441%
37	13.645	1962	1965	1972	rVB4	57069	100731	1.39%	0.394%
38	13.886	2003	2006	2011	rBV	127340	115292	1.59%	0.451%
39	13.963	2014	2019	2022	rVV2	406236	558063	7.71%	2.181%
40	13.992	2022	2024	2028	rVB	176292	157138	2.17%	0.614%
41	14.110	2041	2044	2051	rBV4	67807	98509	1.36%	0.385%
42	14.416	2093	2096	2100	rBV4	91696	107947	1.49%	0.422%
43	14.833	2162	2167	2173	rBV	102625	186624	2.58%	0.730%
44	15.004	2192	2196	2199	rBV	132669	186335	2.58%	0.728%
45	15.298	2243	2246	2252	rVB	72309	92421	1.28%	0.361%
46	15.363	2253	2257	2261	rBV	113611	143662	1.99%	0.562%
47	15.421	2262	2267	2271	rBV2	219197	317784	4.39%	1.242%
48	15.827	2333	2336	2341	rVB2	60142	82095	1.13%	0.321%
49	16.880	2511	2515	2523	rVB2	72333	141247	1.95%	0.552%

Sum of corrected areas: 25582404

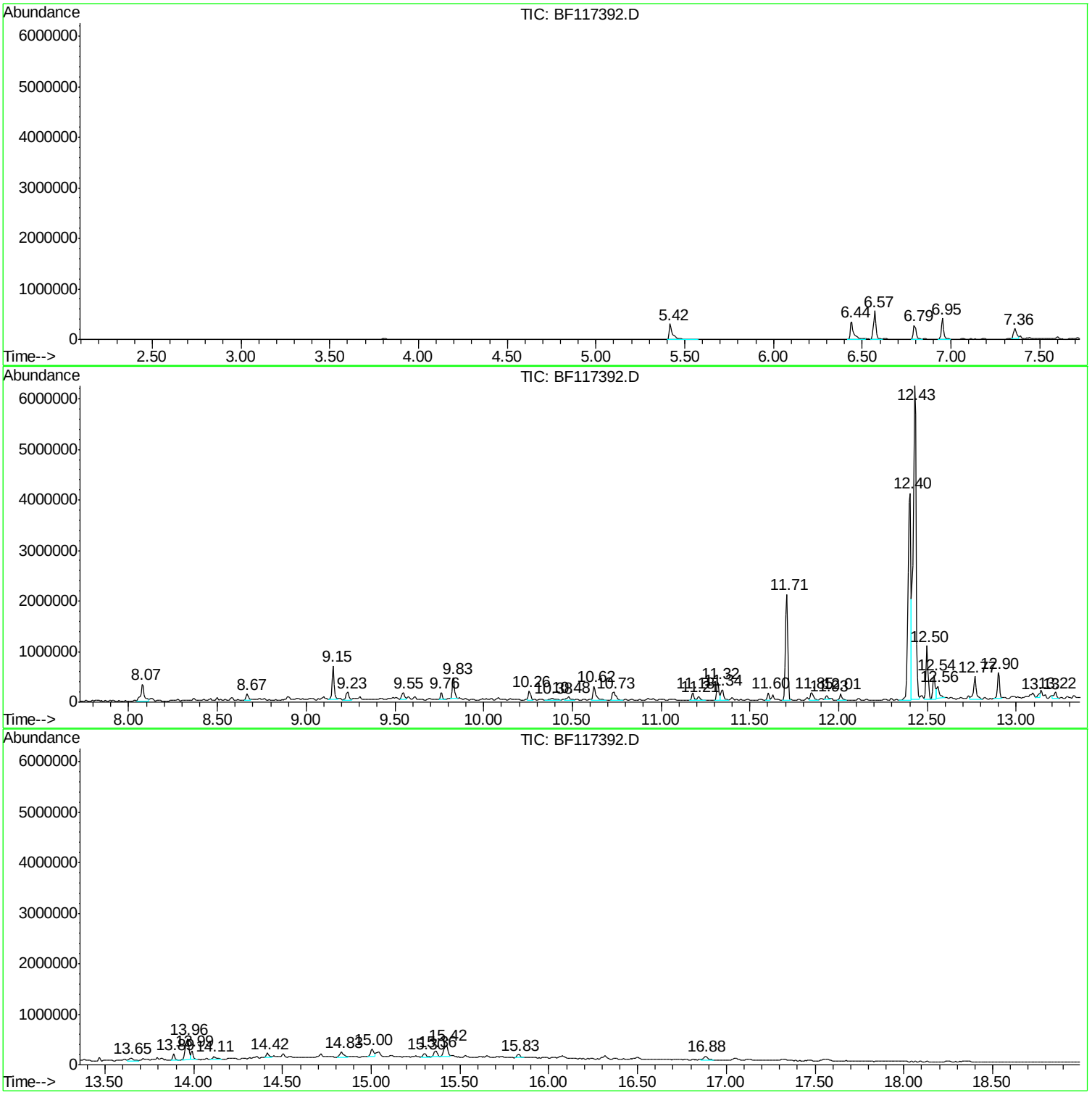
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

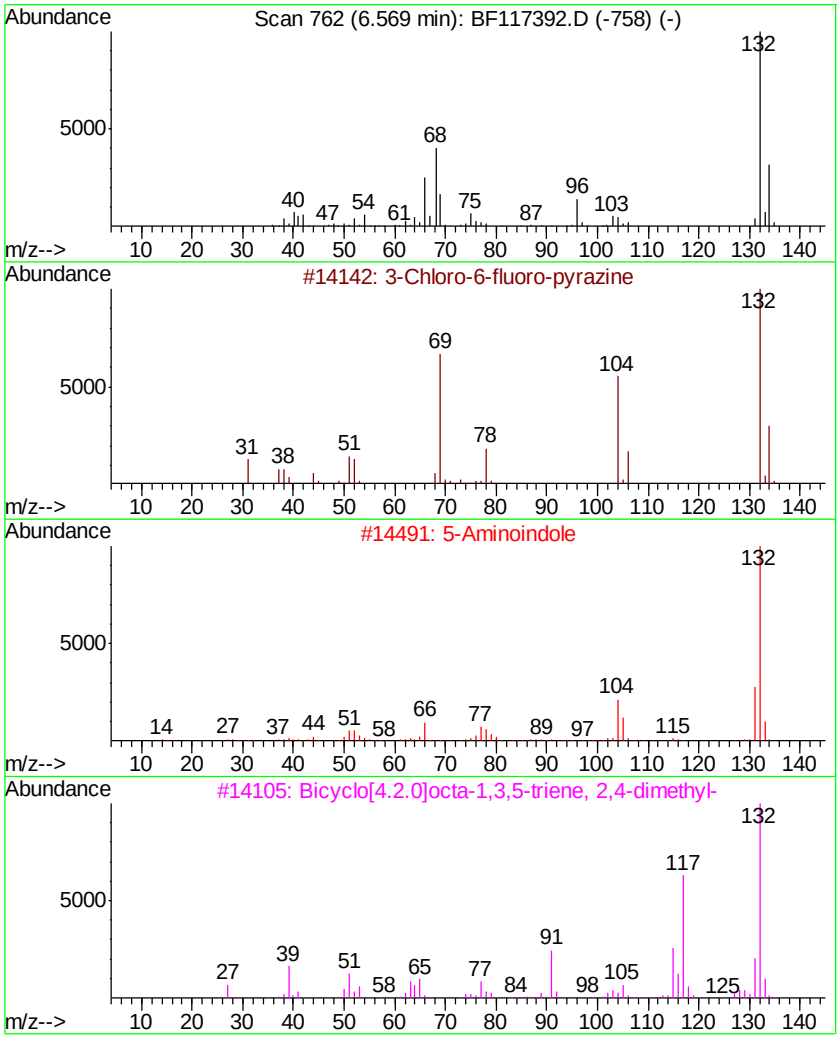
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

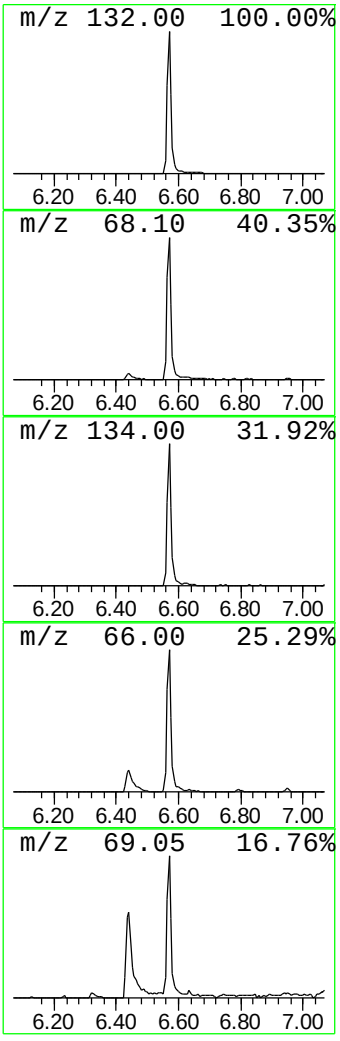
****

Peak Number 1 unknown6.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	38.53 ng	513600	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

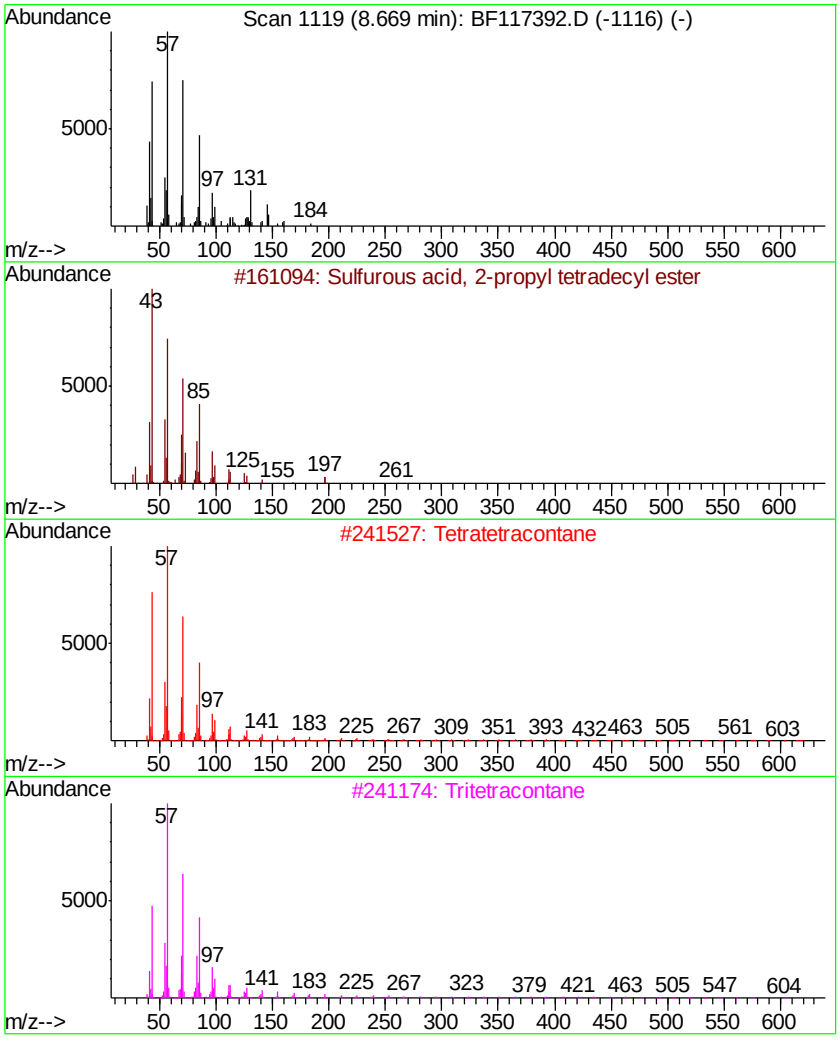
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

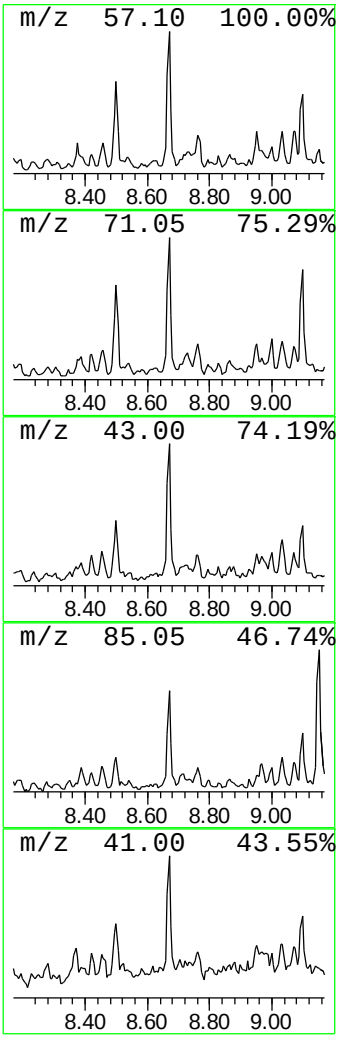
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Sulfurous acid, 2-propyl te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	5.18 ng	113835	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
2	Tetratetracontane	619	C44H90	007098-22-8	80
3	Tritetracontane	605	C43H88	007098-21-7	80
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	76
5	Tetradecane	198	C14H30	000629-59-4	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

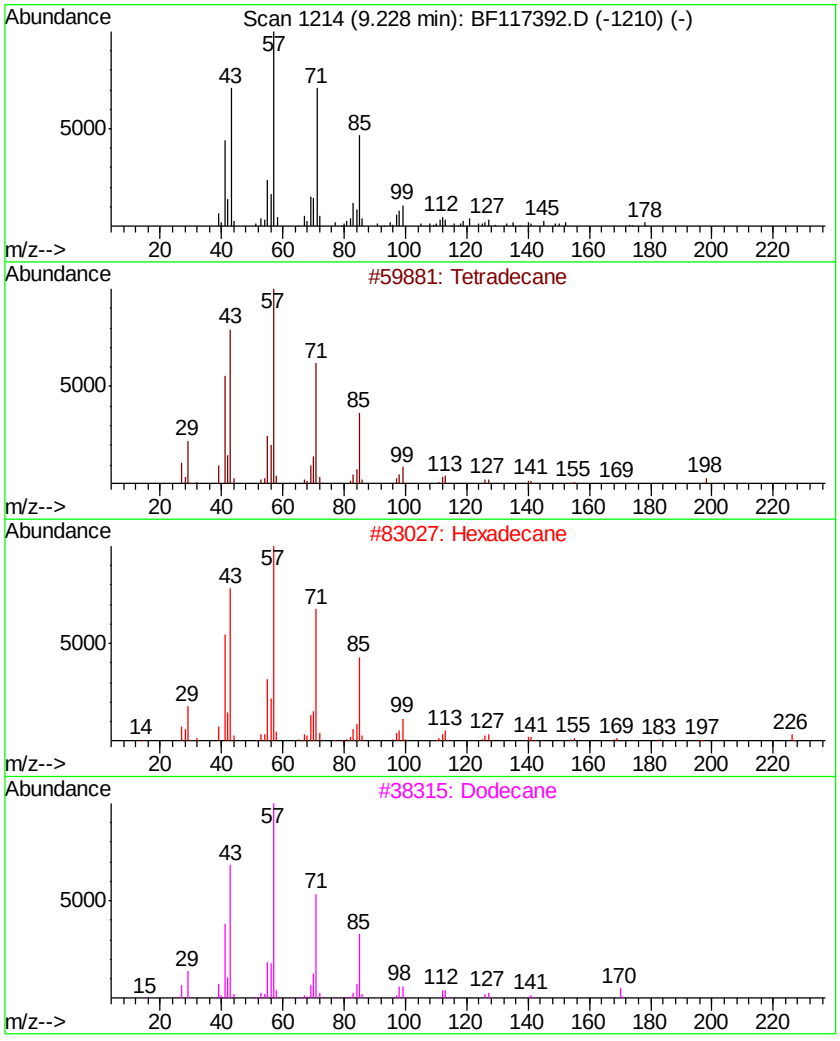
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

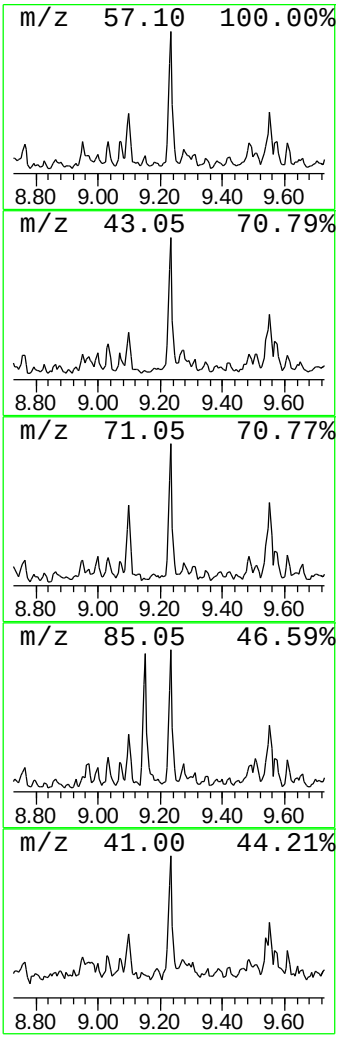
****

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	8.05 ng	159715	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	83
3	Dodecane	170	C12H26	000112-40-3	80
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

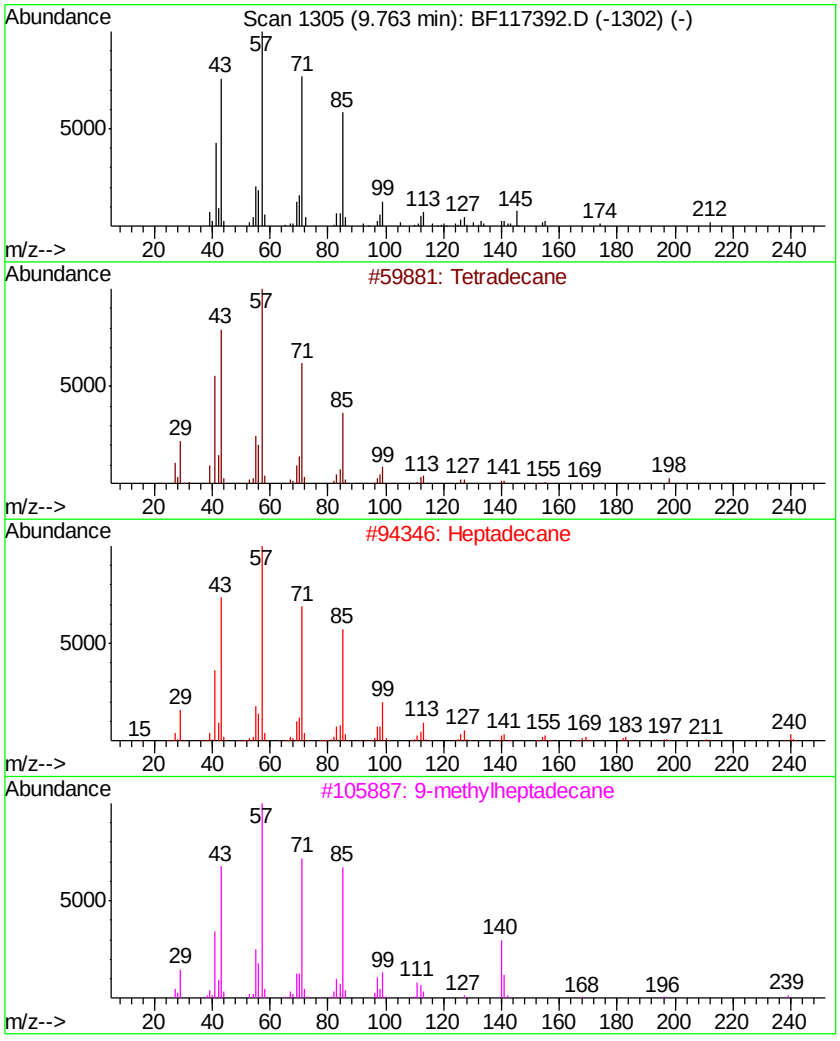
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

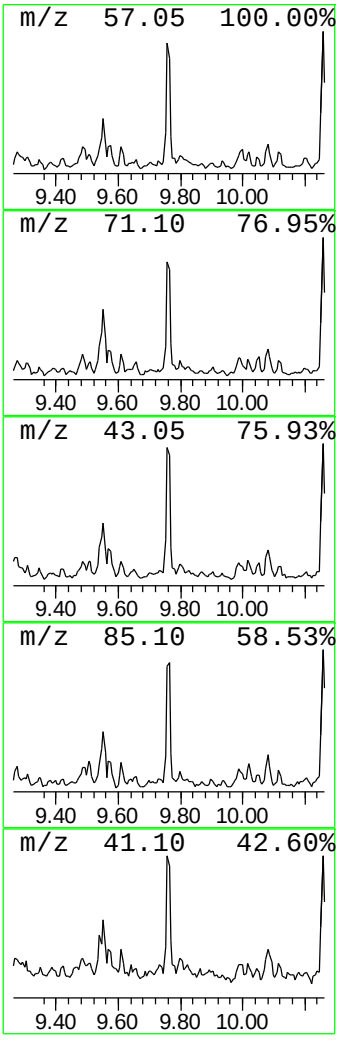
****

Peak Number 5 9-methylheptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	6.30 ng	124896	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	9-methylheptadecane	254	C18H38	026741-18-4	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

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Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

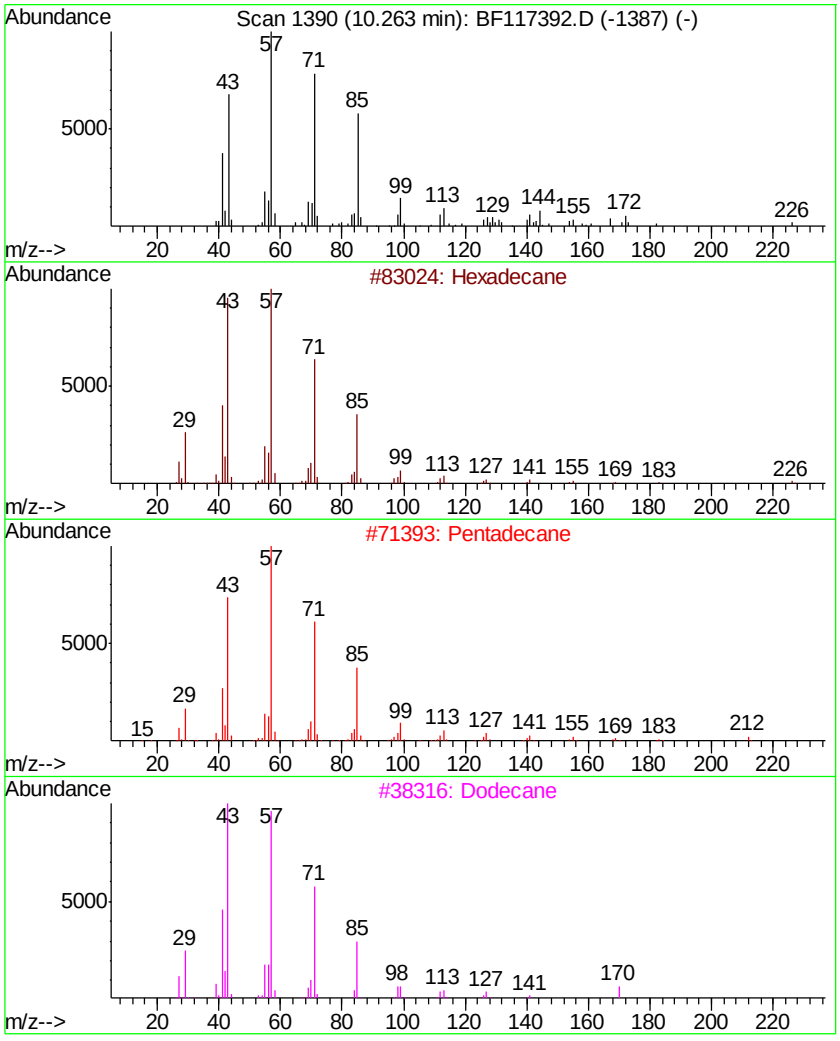
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

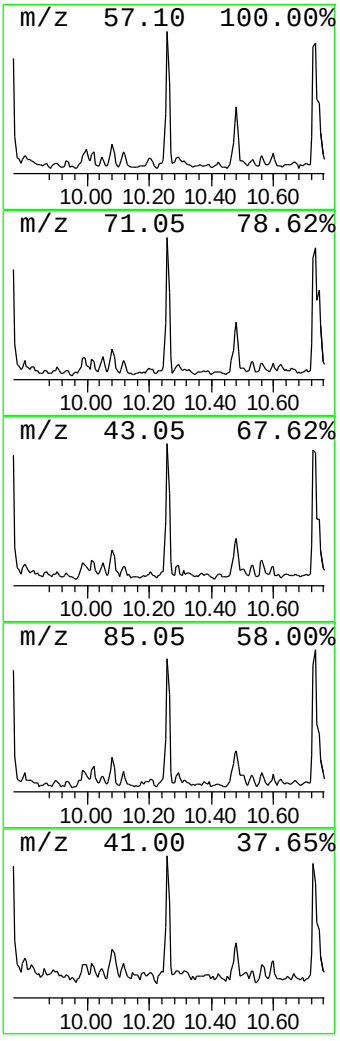
****

Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	6.38 ng	126573	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane	212	C15H32	000629-62-9	90
3	Dodecane	170	C12H26	000112-40-3	87
4	Undecane	156	C11H24	001120-21-4	86
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

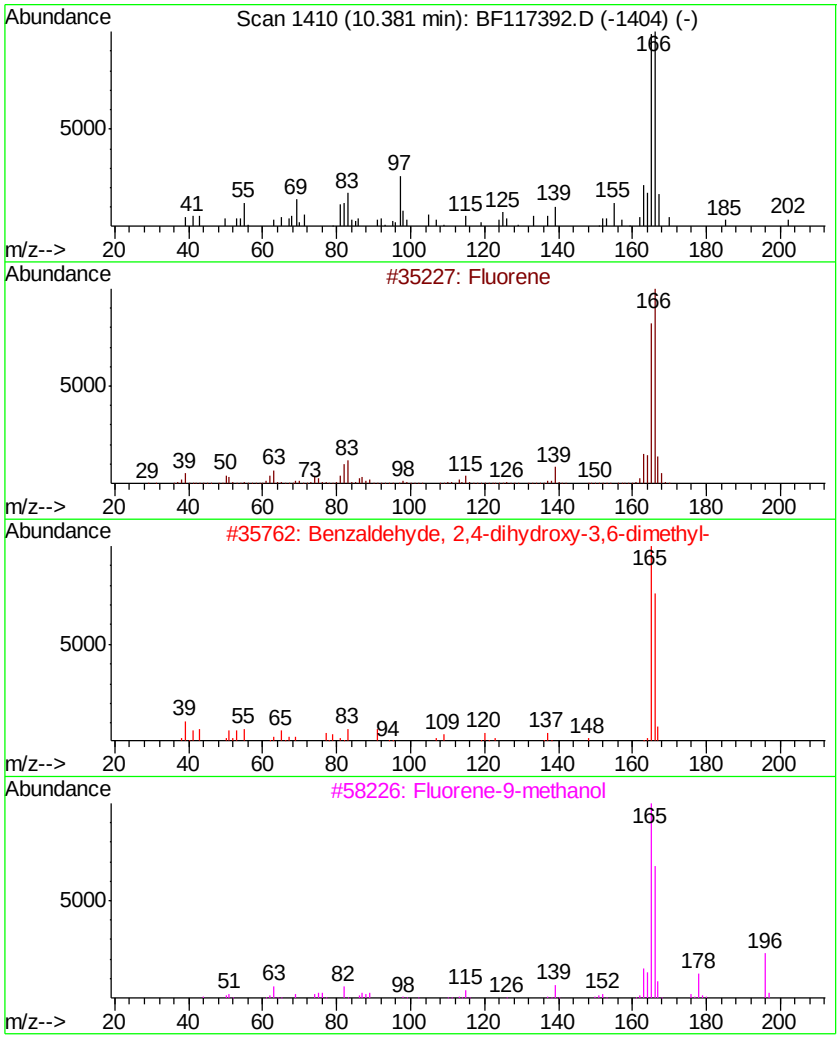
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

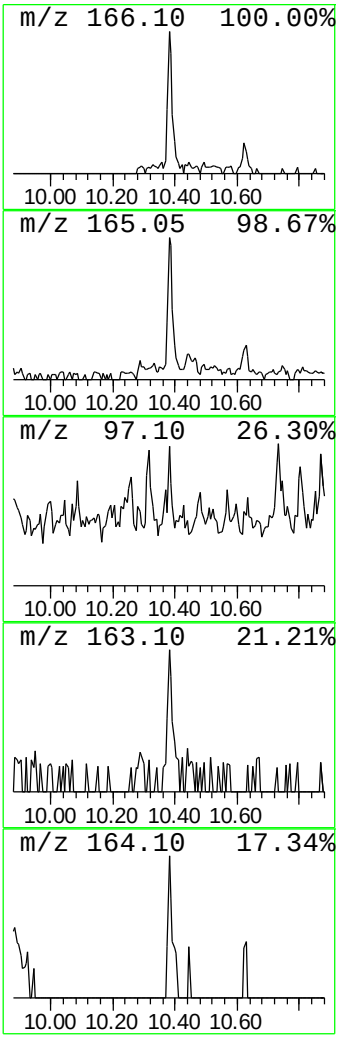
****

Peak Number 7 Benzaldehyde, 2,4-dihydroxy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	5.44 ng	107854	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	81
2	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	52
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	50
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	45
5	2-Chlorofluorene	200	C13H9Cl	002523-44-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
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Misc :
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Instrument : BNA_F
ClientSampleId : EO-02-101019

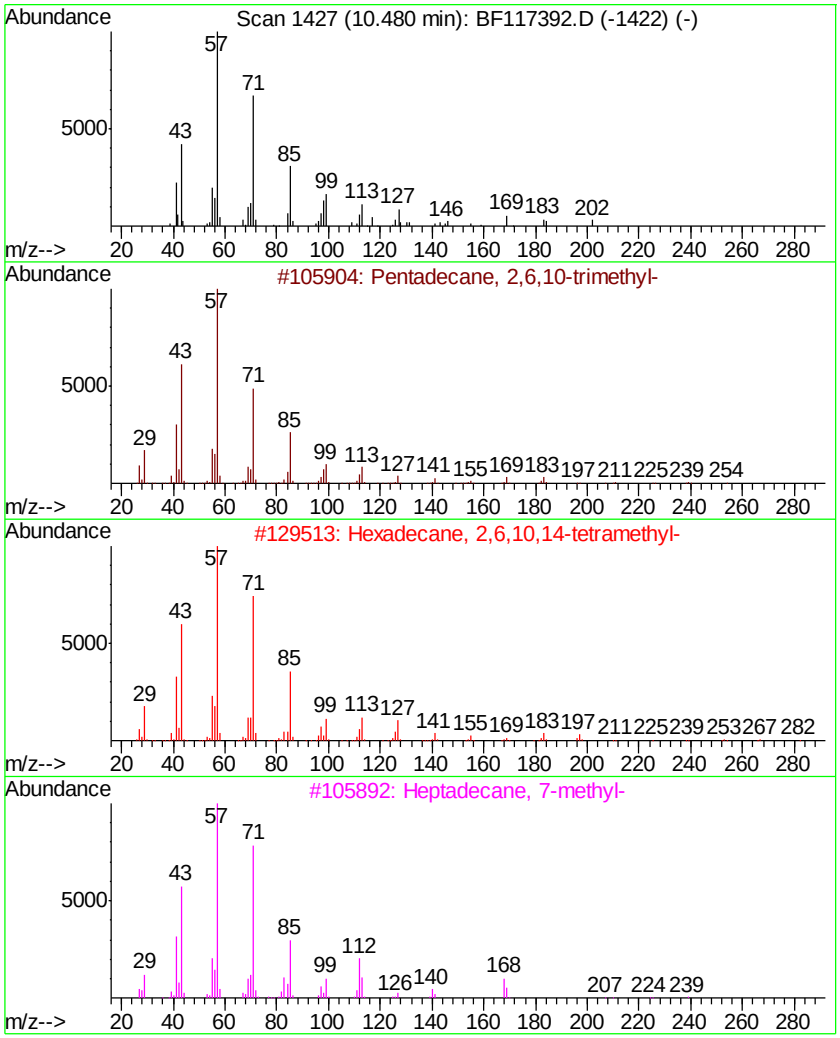
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

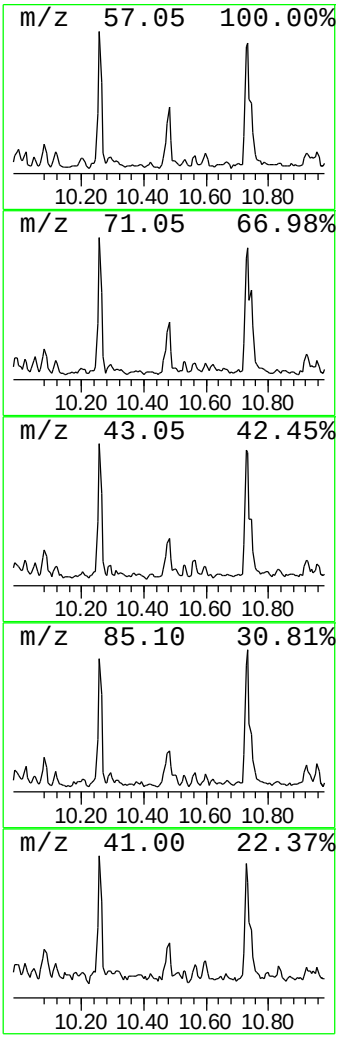
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	4.39 ng	87101	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4	Tridecane	184	C13H28	000629-50-5	64
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

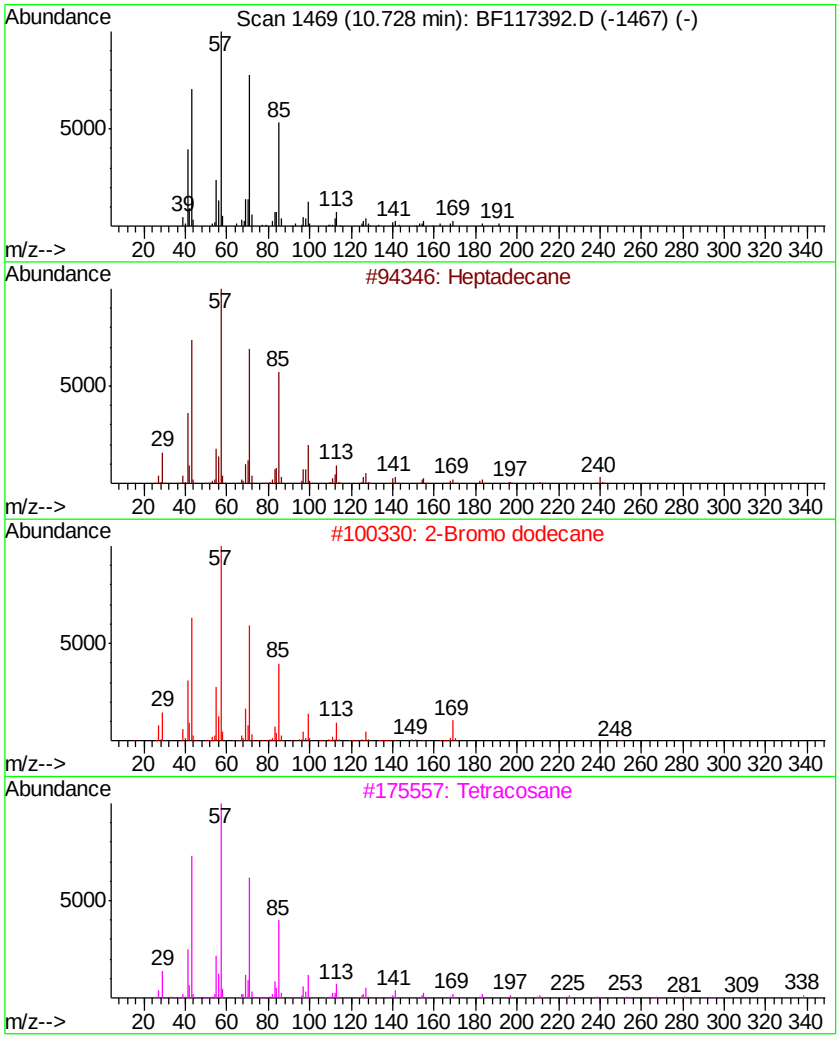
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

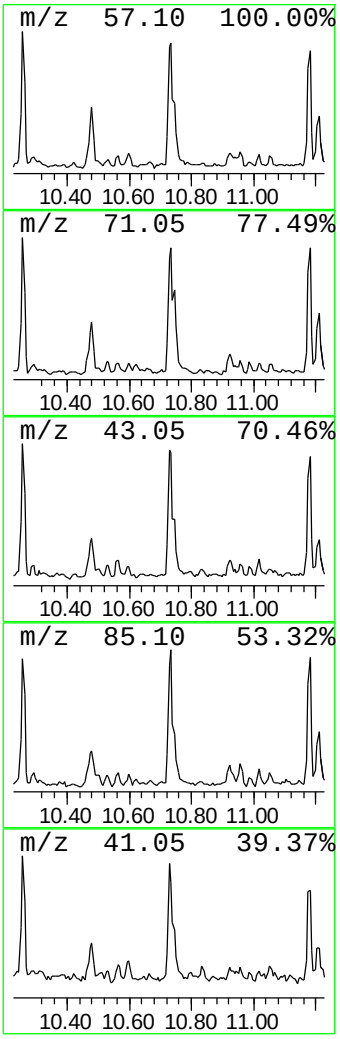
****

Peak Number 9 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	10.80 ng	209635	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81





Library Search Compound Report

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Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

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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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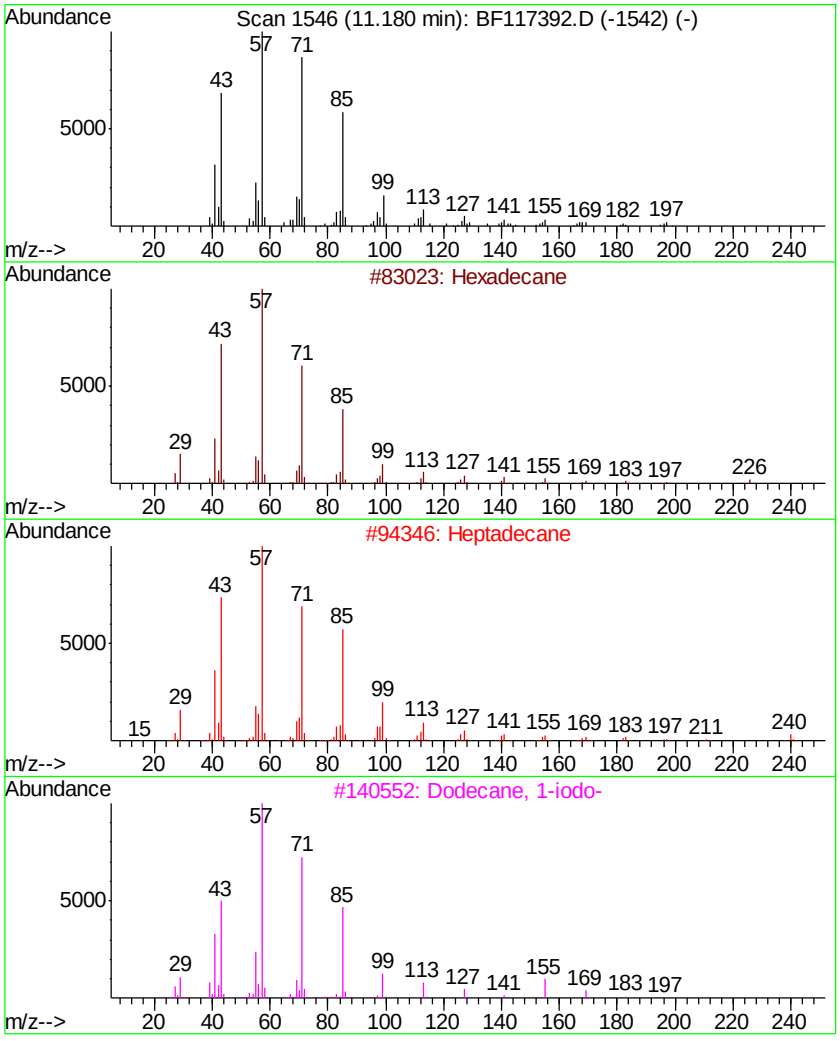
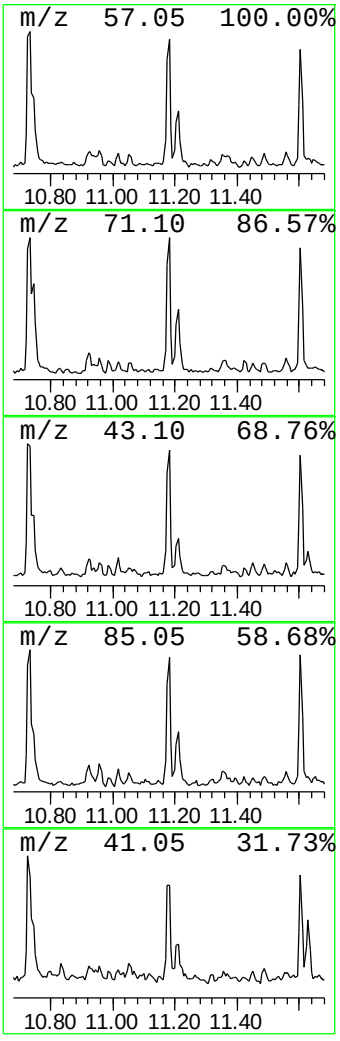
Peak Number 10 Dodecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	7.00 ng	135867	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Tetracosane	338	C24H50	000646-31-1	74
5	Heptacosane	380	C27H56	000593-49-7	72





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ClientSampleId : EO-02-101019

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

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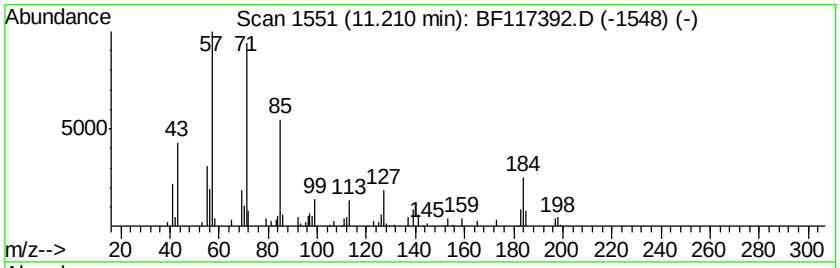
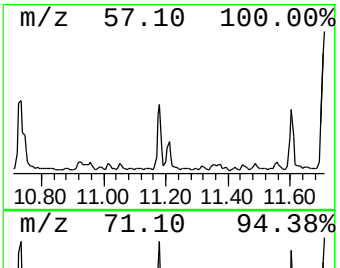
Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	4.82 ng	93588	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	59
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5	Tetradecane	198	C14H30	000629-59-4	53





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TIC Library : C:\DATABASE\NIST11.L
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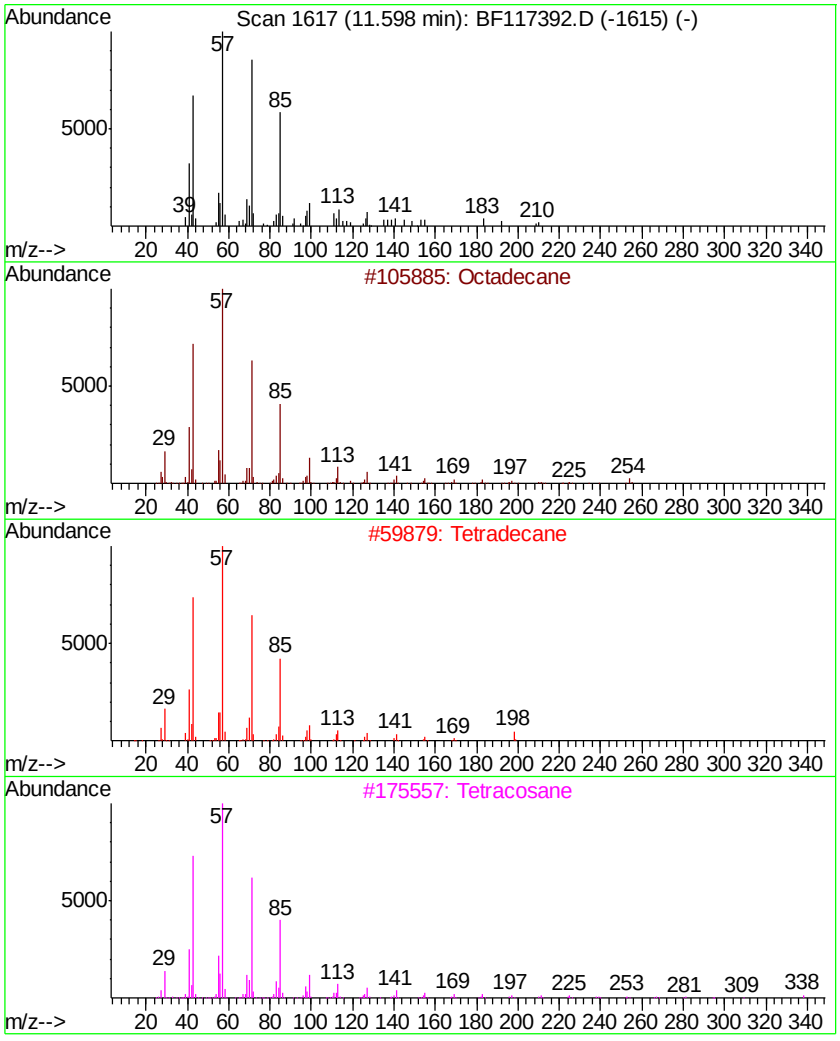
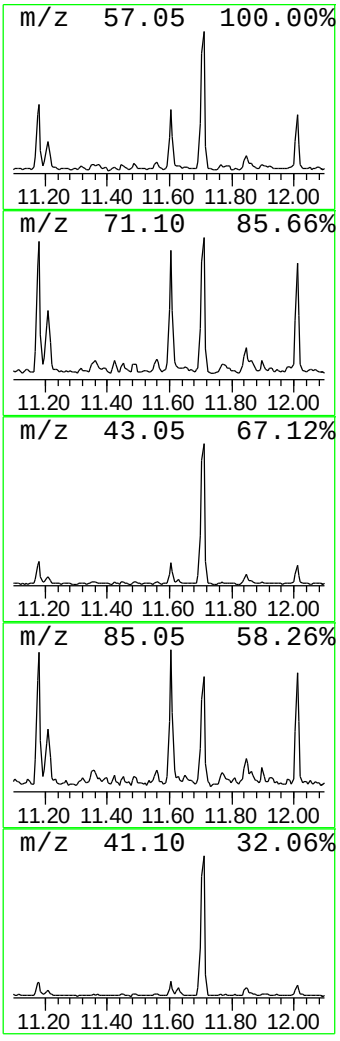
Peak Number 12 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	6.17 ng	119671	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86





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Instrument : BNA_F
ClientSampleId : EO-02-101019

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TIC Integration Parameters: LSCINT.P

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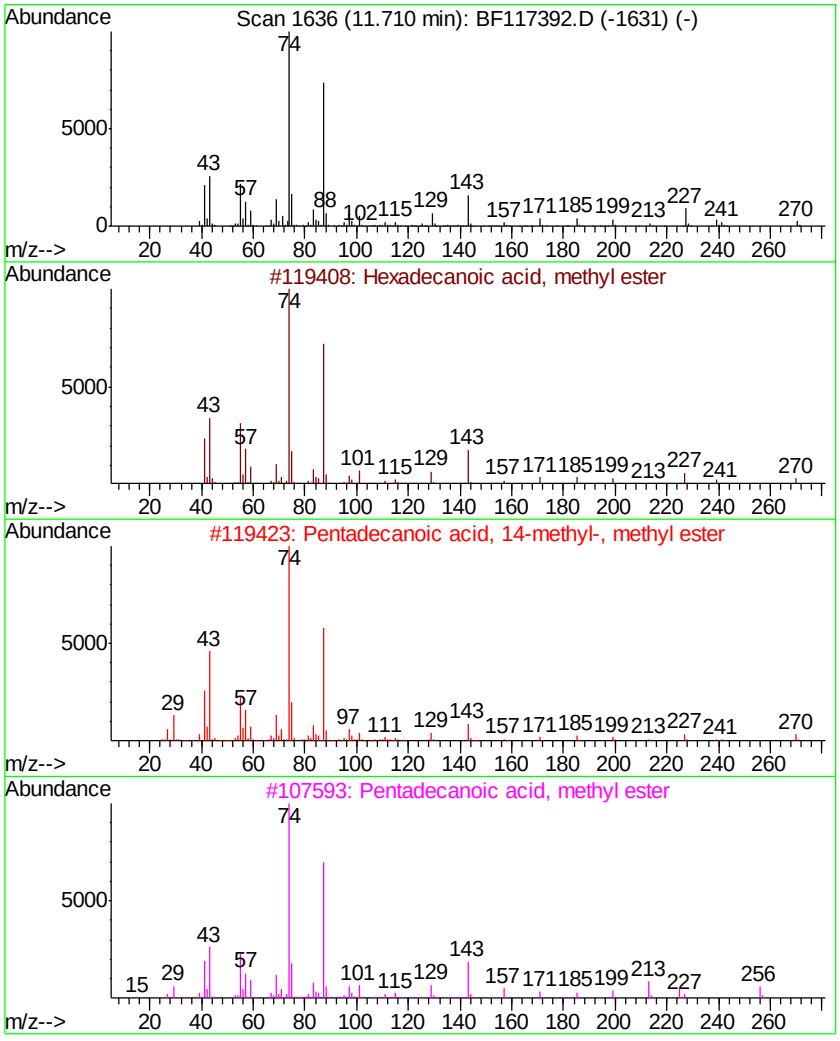
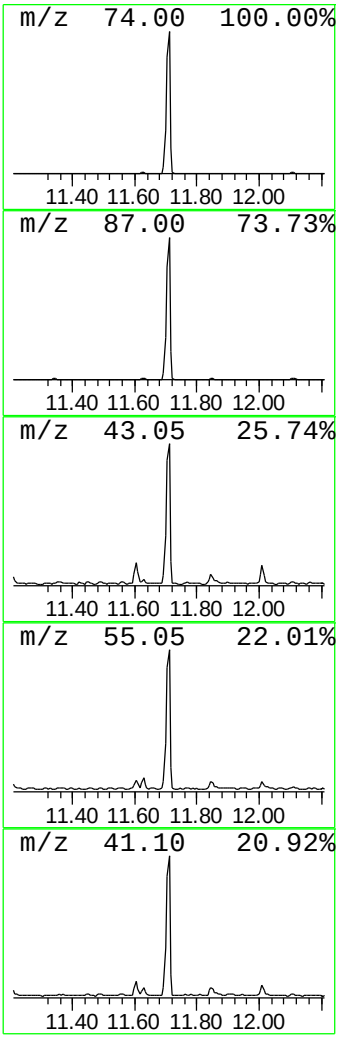
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	90.80 ng	1762090	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





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TIC Integration Parameters: LSCINT.P

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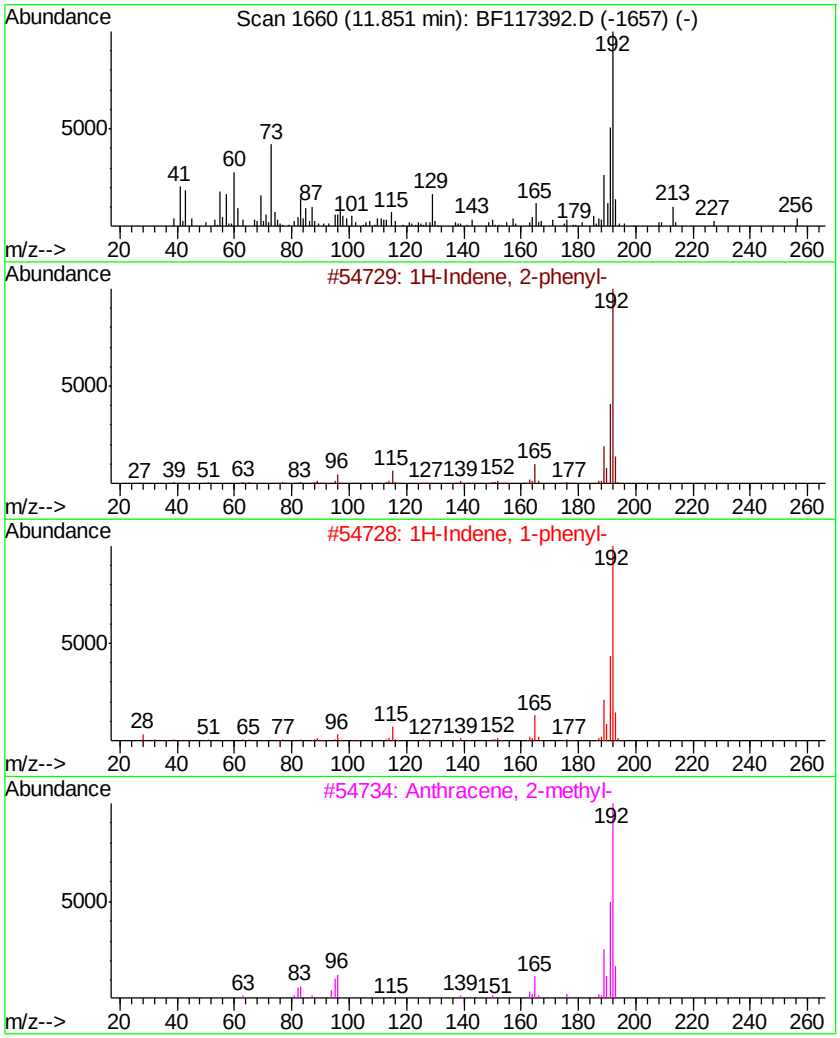
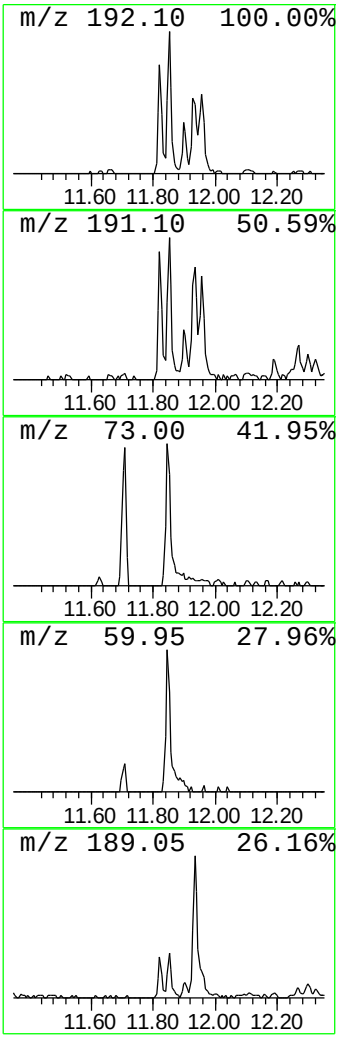
Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.78 ng	170423	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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ClientSampleId : EO-02-101019

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

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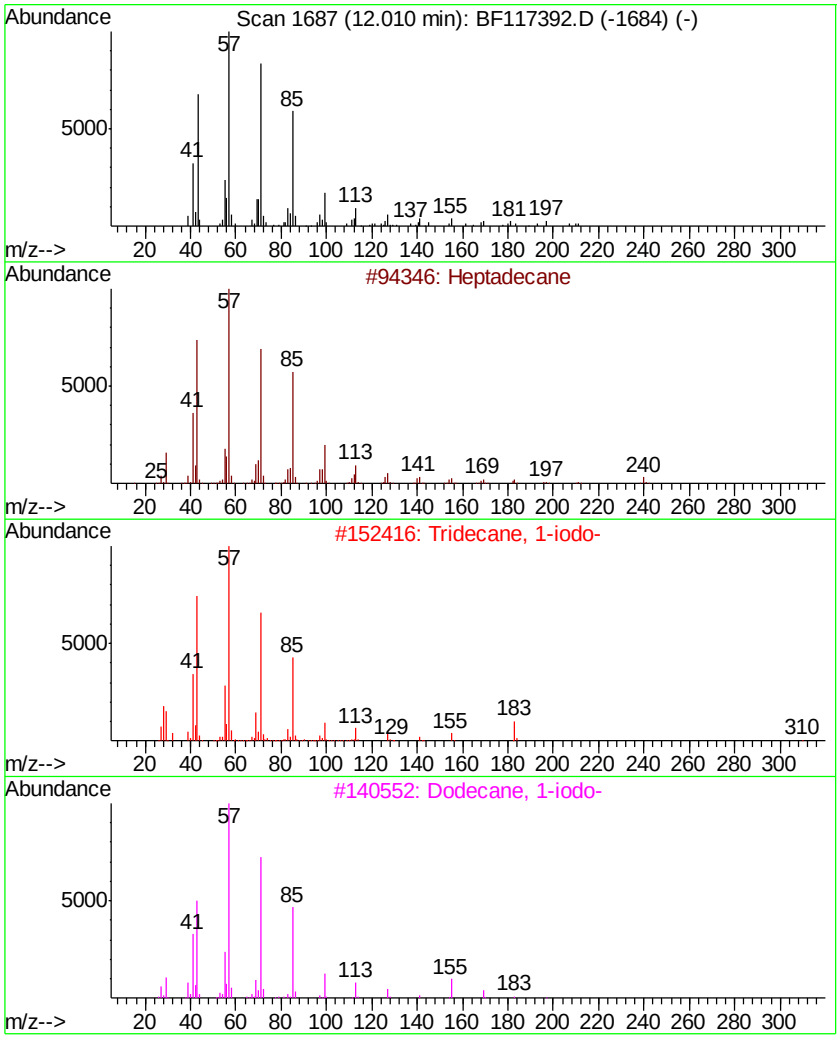
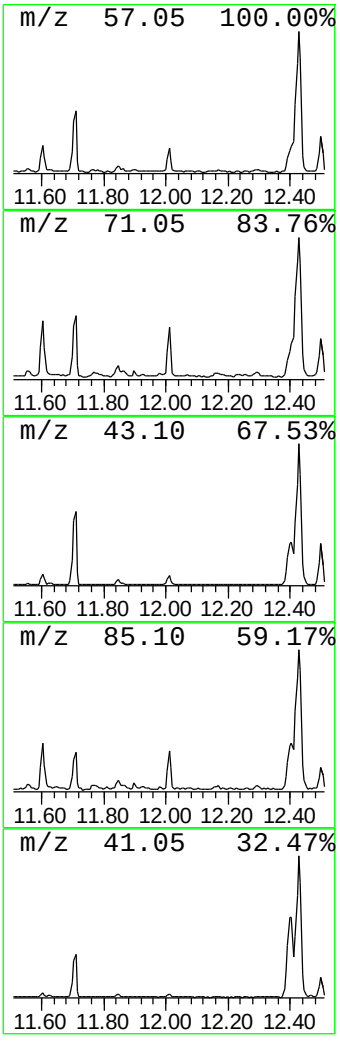
Peak Number 15 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.14 ng	119127	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Instrument : BNA_F
ClientSampleId : EO-02-101019

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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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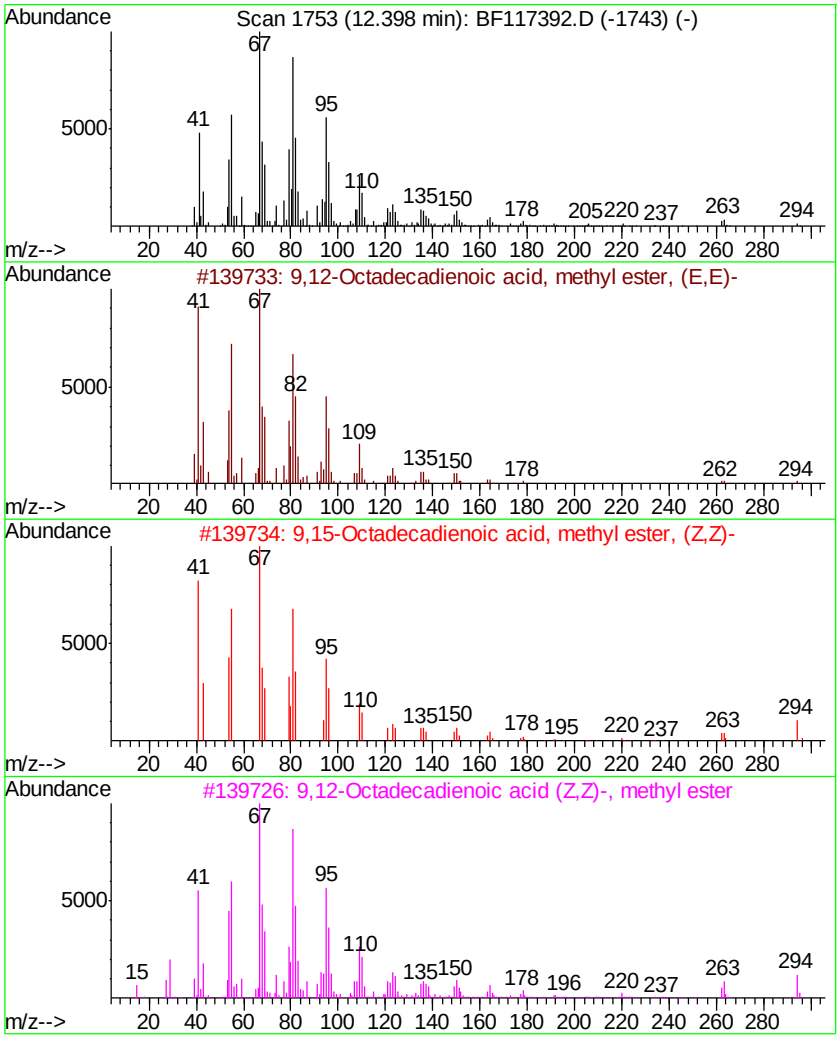
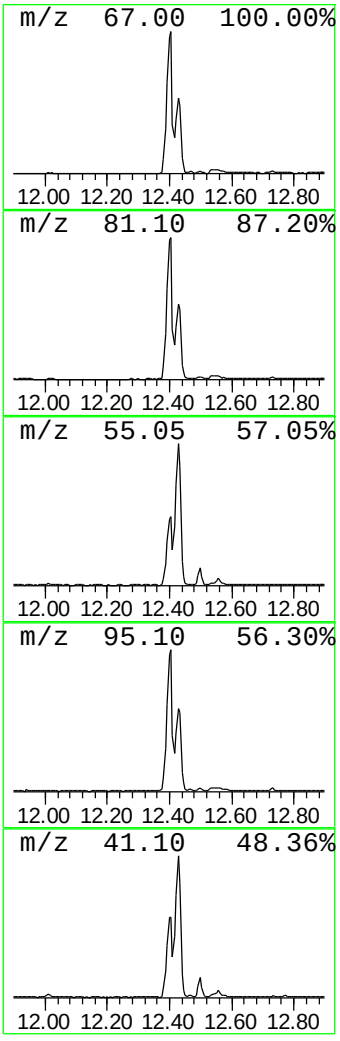
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	261.64 ng	5077350	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





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ClientSampleId : EO-02-101019

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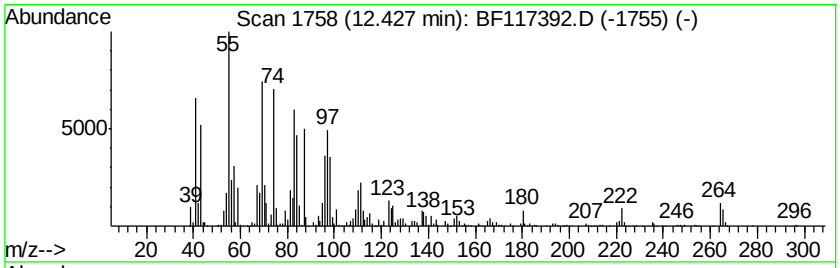
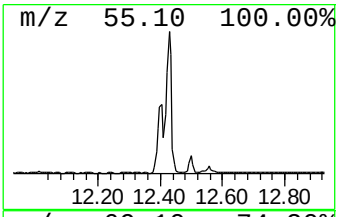
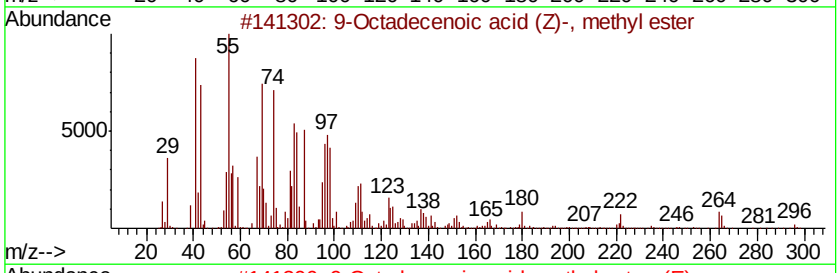
Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

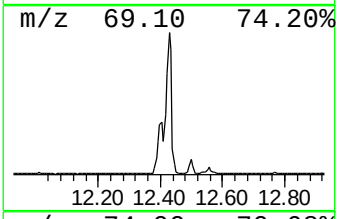
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	372.80 ng	7234340	Phenanthrene-d10	11.32

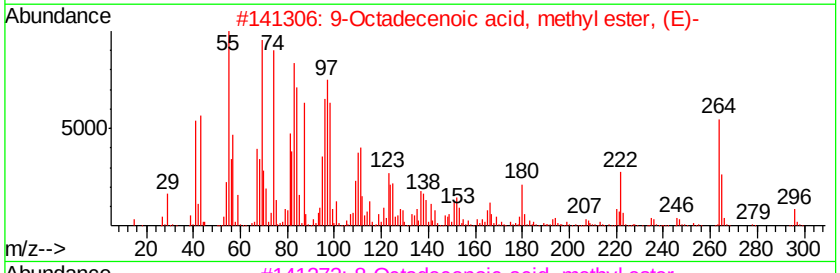
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	89
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	89
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	83

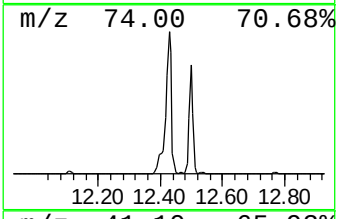


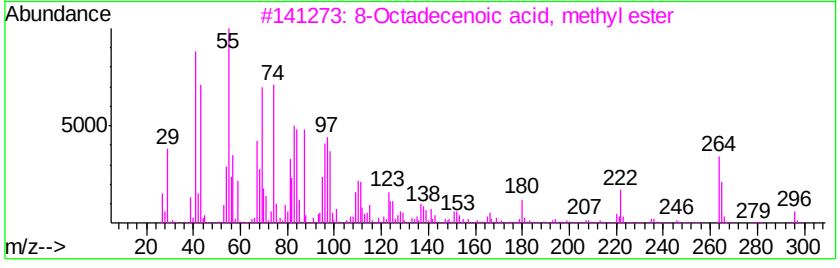


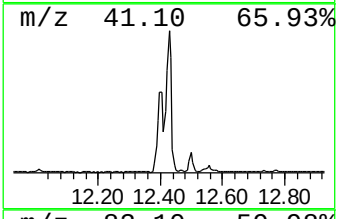


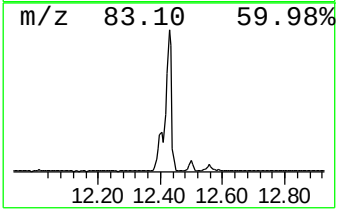












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TIC Integration Parameters: LSCINT.P

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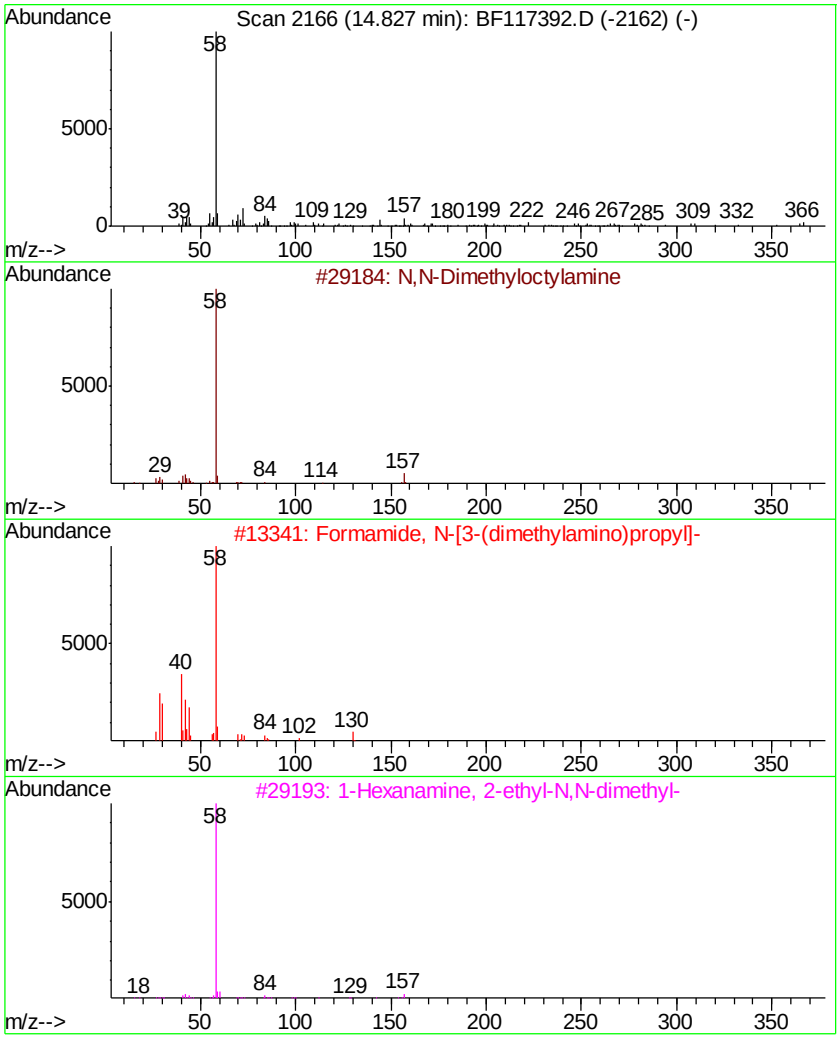
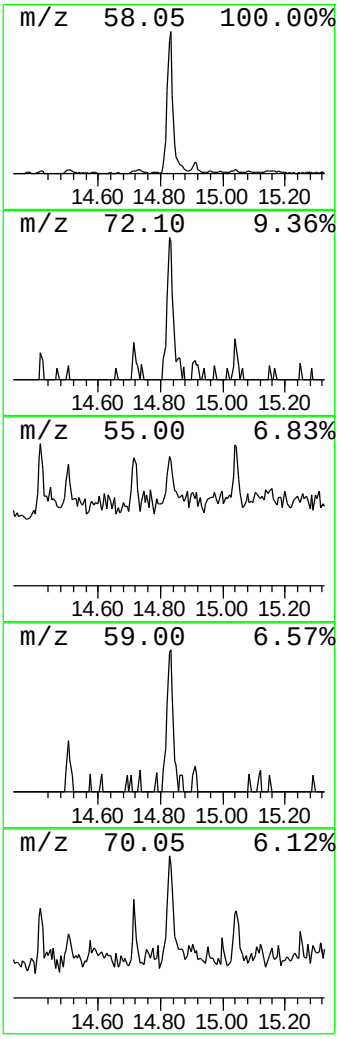
Peak Number 18 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	11.75 ng	186624	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
2	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	64
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
4	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	59
5	3-Dimethylaminopropyl methacryla...	170	C9H18N2O	005205-93-6	59





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

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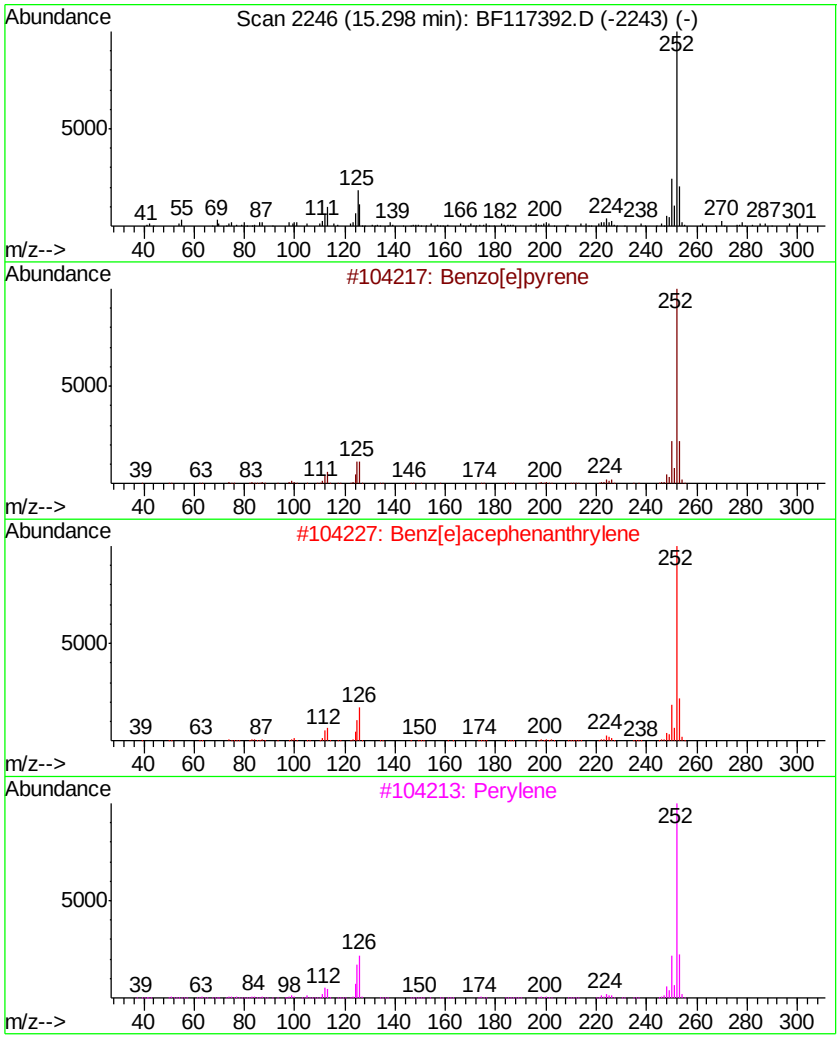
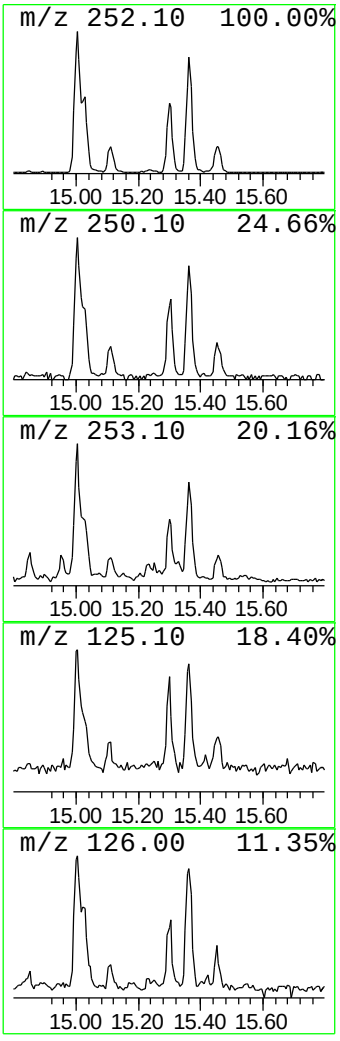
Peak Number 19 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	5.82 ng	92421	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

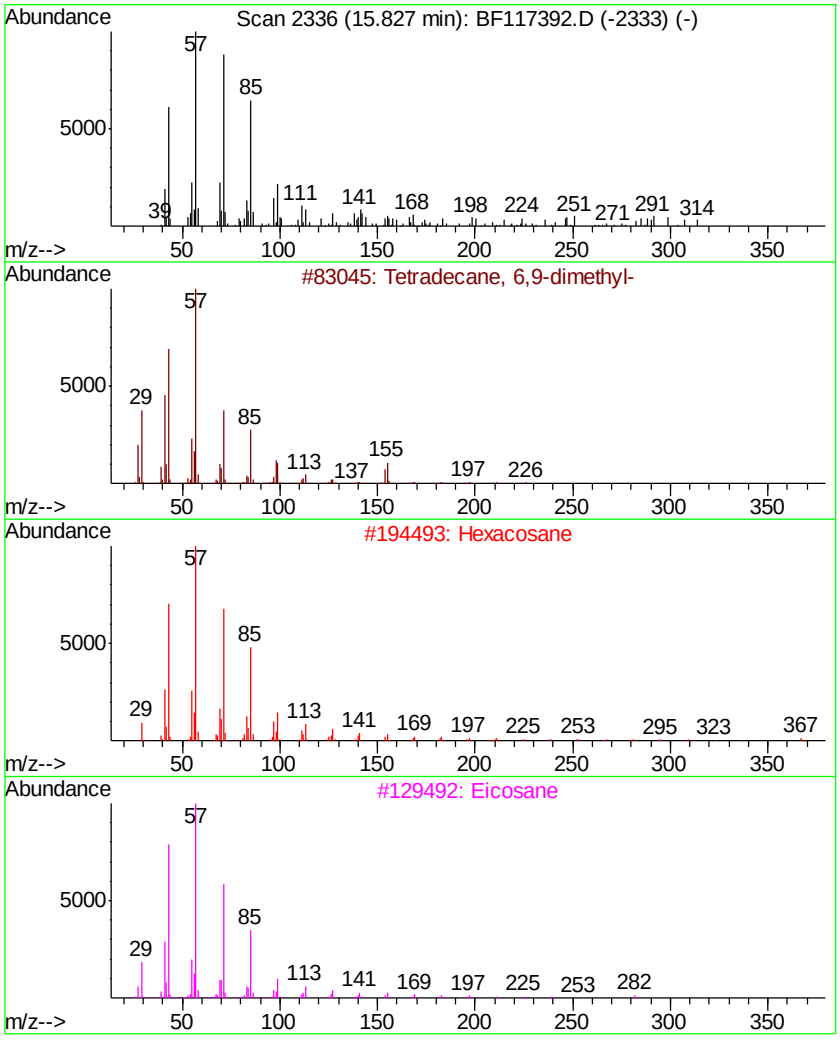
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

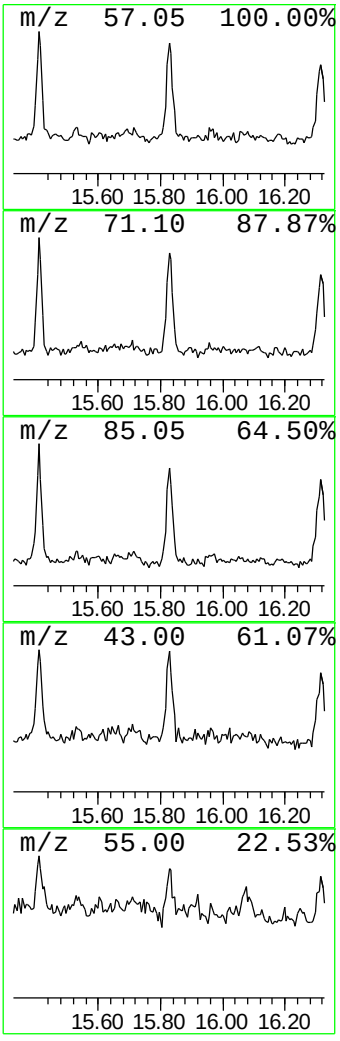
****

Peak Number 20 Tetradecane, 6,9-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	5.17 ng	82095	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	74
2	Hexacosane	366	C26H54	000630-01-3	74
3	Eicosane	282	C20H42	000112-95-8	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101219\
Data File : BF117392.D
Acq On : 13 Oct 2019 1:58
Operator : JU
Sample : K5149-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-101019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
unknown6.57	6.57	38.5	ng	513600	1	6.79	266578	20.0
Sulfurous acid, 2...	8.67	5.2	ng	113835	2	8.07	439337	20.0
Tetradecane	9.23	8.1	ng	159715	3	9.83	396794	20.0
9-methylheptadecane	9.76	6.3	ng	124896	3	9.83	396794	20.0
Hexadecane	10.26	6.4	ng	126573	3	9.83	396794	20.0
Benzaldehyde, 2,4...	10.38	5.4	ng	107854	3	9.83	396794	20.0
Pentadecane, 2,6,...	10.48	4.4	ng	87101	3	9.83	396794	20.0
2-Bromo dodecane	10.73	10.8	ng	209635	4	11.32	388113	20.0
Dodecane, 1-iodo-	11.18	7.0	ng	135867	4	11.32	388113	20.0
Heptadecane, 2,6,...	11.21	4.8	ng	93588	4	11.32	388113	20.0
Octadecane	11.60	6.2	ng	119671	4	11.32	388113	20.0
Hexadecanoic acid...	11.71	90.8	ng	1762090	4	11.32	388113	20.0
1H-Indene, 2-phenyl-	11.85	8.8	ng	170423	4	11.32	388113	20.0
Heptadecane	12.01	6.1	ng	119127	4	11.32	388113	20.0
9,12-Octadecadien...	12.40	261.6	ng	5077350	4	11.32	388113	20.0
9-Octadecenoic ac...	12.43	372.8	ng	7234340	4	11.32	388113	20.0
N,N-Dimethyloctyl...	14.83	11.8	ng	186624	6	15.42	317784	20.0
Benzo[e]pyrene	15.30	5.8	ng	92421	6	15.42	317784	20.0
Tetradecane, 6,9-...	15.83	5.2	ng	82095	6	15.42	317784	20.0