LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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	5.434	565	569	584	rBV	313409	384986	4.20%	1.384%
2	6.445	738	741	761	rBV	399068	435450	4.75%	1.566%
3	6.581	761	764	772	rBV	532860	455511	4.97%	1.638%
4	6.810	799	803	815	rBV	294880	291010	3.18%	1.046%
5	6.963	826	829	843	rBV	397350	343729	3.75%	1.236%
6	7.369	895	898	908	rBV	226848	237827	2.60%	0.855%
7	8.086	1014	1020	1027	rBV	374318	391486	4.27%	1.408%
8	9.163	1199	1203	1208	rBV	548739	470806	5.14%	1.693%
9	9.245	1213	1217	1220	rBV	125515	110746	1.21%	0.398%
10	9.557	1267	1270	1273	rBV2	140713	170699	1.86%	0.614%
11	9.775	1304	1307	1311	rVB	192060	146797	1.60%	0.528%
12	9.845	1315	1319	1322	rVB	382040	351603	3.84%	1.264%
13	10.275	1389	1392	1394	rVB	230405	190830	2.08%	0.686%
14	10.492	1424	1429	1434	rBV	106958	135827	1.48%	0.488%
15	10.633	1451	1453	1460	rVB	191926	175584	1.92%	0.631%
16	10.745	1469	1472	1481	rVB	310650	359549	3.92%	1.293%
17	11.192	1545	1548	1551	rBV	289775	228215	2.49%	0.821%
18	11.221	1551	1553	1559	rVB	127756	135790	1.48%	0.488%
19	11.327	1568	1571	1574	rBV	299038	296168	3.23%	1.065%
20	11.616	1617	1620	1623	rBV	221102	199611	2.18%	0.718%
21	11.721	1634	1638	1641	rBV	2627497	2110041	23.03%	7.587%
22	11.863	1658	1662	1669	rBV	191664	221821	2.42%	0.798%
23	12.021	1686	1689	1694	rVB	184050	173381	1.89%	0.623%
24	12.416	1750	1756	1758	rBV	3835302	5636959	61.53%	20.269%
25	12.451	1758	1762	1766	rVV	7564196	9160909	100.00%	32.940%
26	12.510	1769	1772	1776	rBV	995484	889184	9.71%	3.197%
27	12.574	1776	1783	1789	rBV2	586063	1056419	11.53%	3.799%
28	12.745	1808	1812	1816	rBV	163514	178956	1.95%	0.643%
29	12.780	1816	1818	1826	rVB2	154287	184551	2.01%	0.664%
30	12.916	1837	1841	1844	rBV	376778	346240	3.78%	1.245%
31	13.092	1869	1871	1876	rVV4	86008	137313	1.50%	0.494%
32	13.157	1876	1882	1888	rVB2	275498	379443	4.14%	1.364%
33	13.233	1892	1895	1899	rVB	234815	192252	2.10%	0.691%
34	13.898	2005	2008	2015	rBV	274074	254461	2.78%	0.915%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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	13.974	2017	2021	2024	rBV	262608	266278	2.91%	0.957%
36	14.427	2095	2098	2101	rBV	128927	147584	1.61%	0.531%
37	14.515	2111	2113	2118	rVB	133206	124625	1.36%	0.448%
38	14.733	2147	2150	2154	rVB	104450	103887	1.13%	0.374%
39	14.845	2167	2169	2177	rVB	72700	92246	1.01%	0.332%
40	15.057	2202	2205	2209	rVB	121265	132229	1.44%	0.475%
41	15.427	2264	2268	2276	rVB2	253893	343359	3.75%	1.235%
42	15.851	2336	2340	2347	rVB	113737	166229	1.81%	0.598%

Sum of corrected areas: 27810591

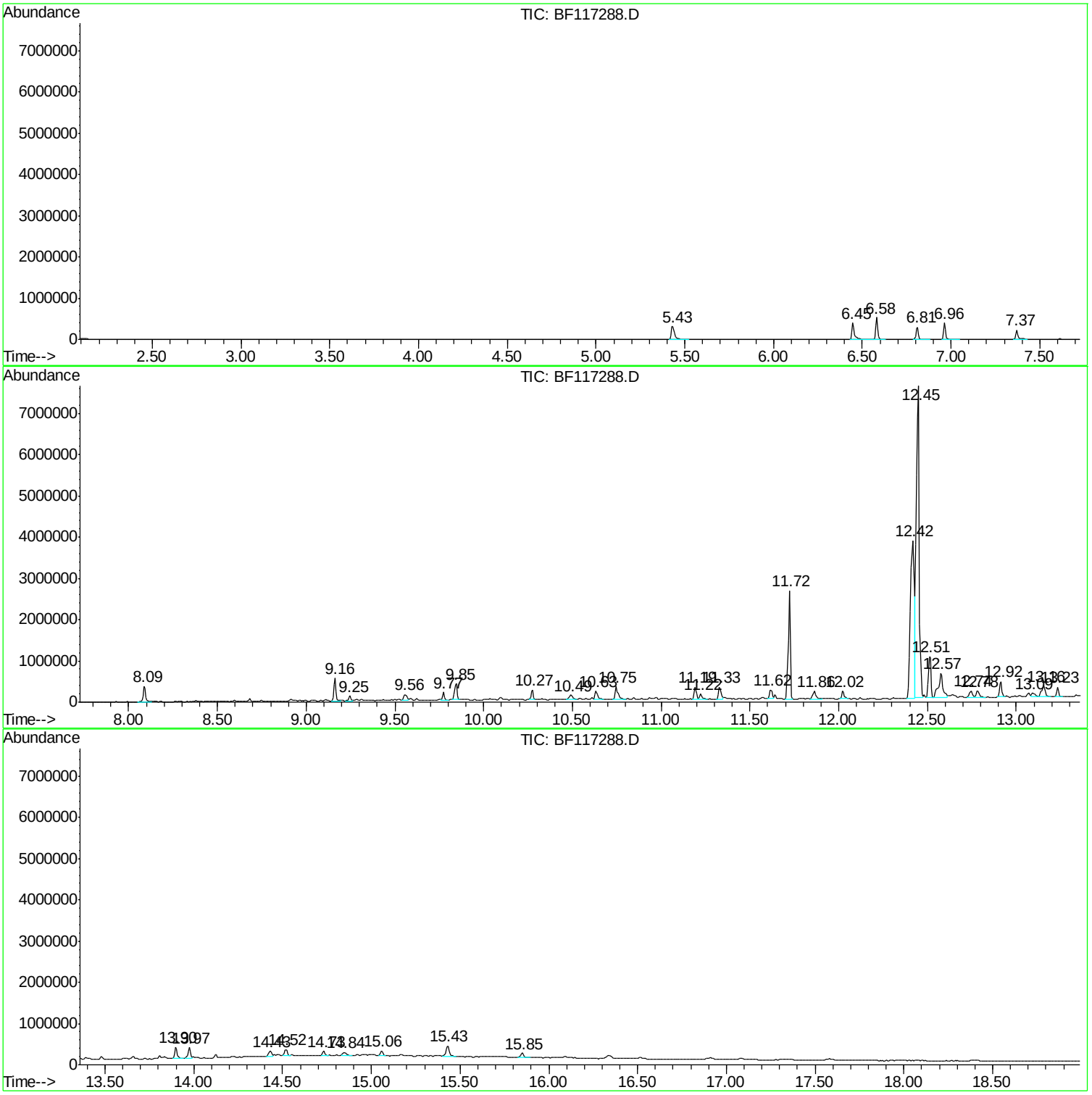
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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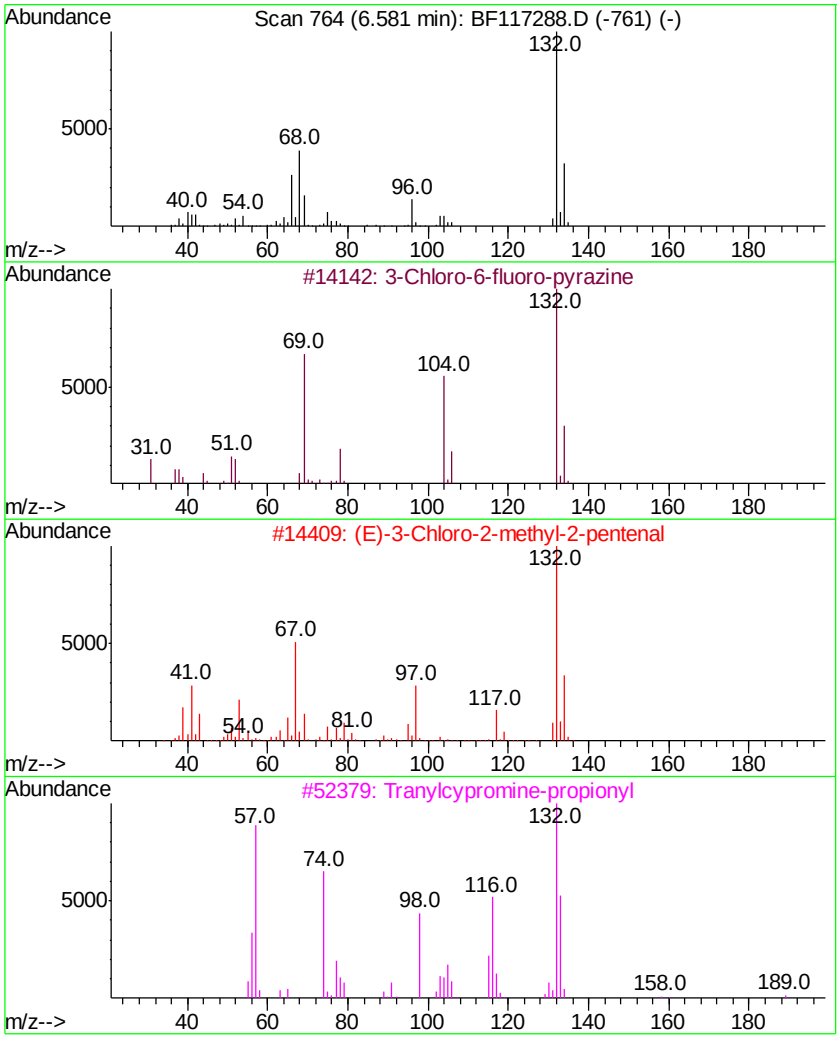
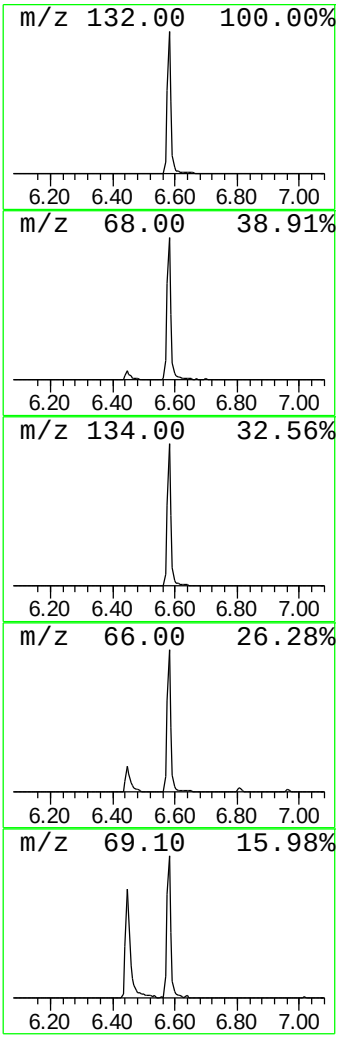
Peak Number 1 unknown6.58 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	31.31 ng	455511	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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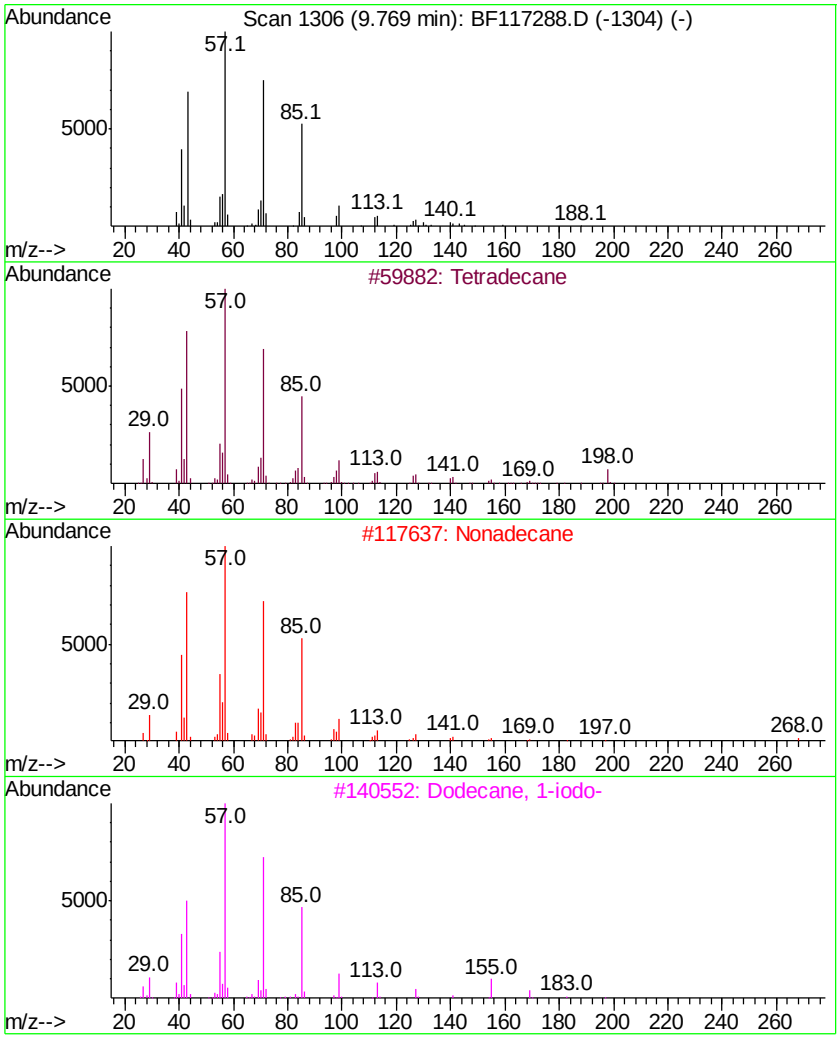
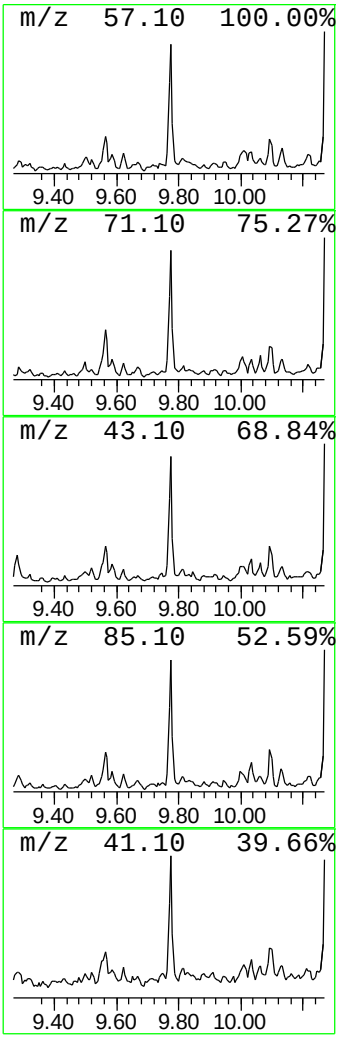
Peak Number 3 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	8.35 ng	146797	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Nonadecane	268	C19H40	000629-92-5	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Pentadecane	212	C15H32	000629-62-9	76
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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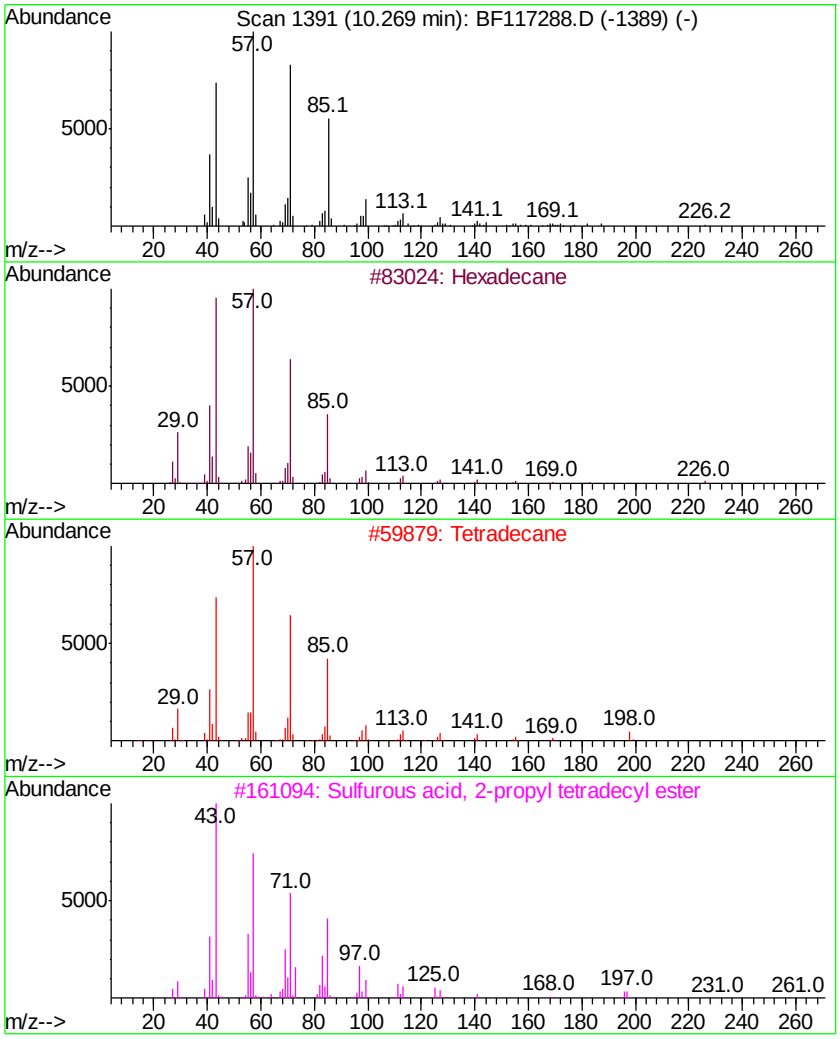
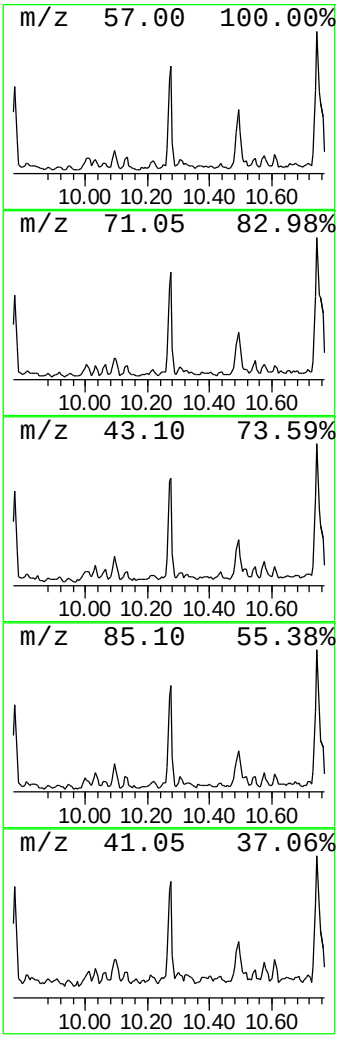
Peak Number 4 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	10.85 ng	190830	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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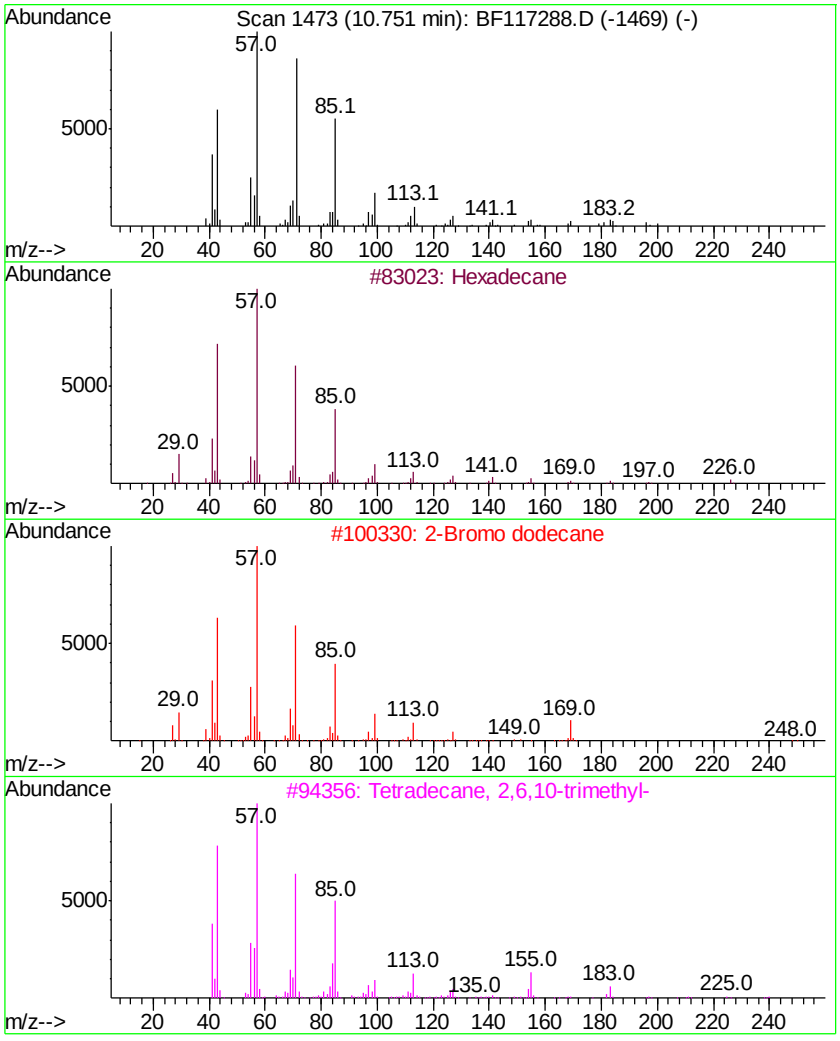
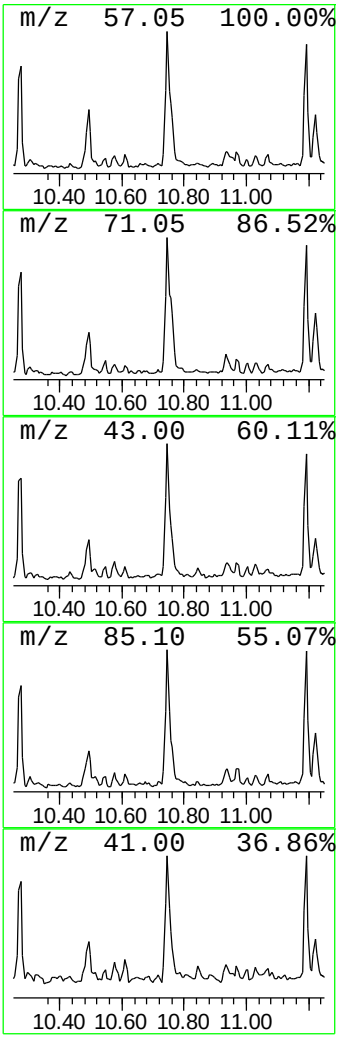
Peak Number 5 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	24.28 ng	359549	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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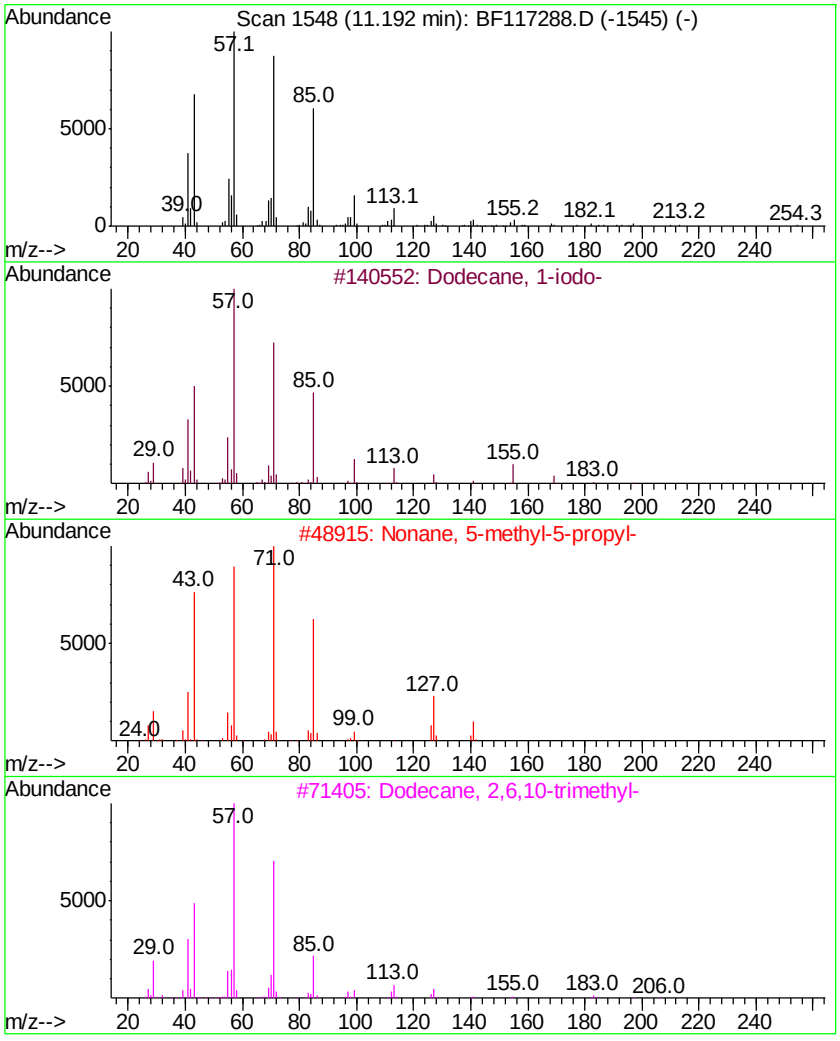
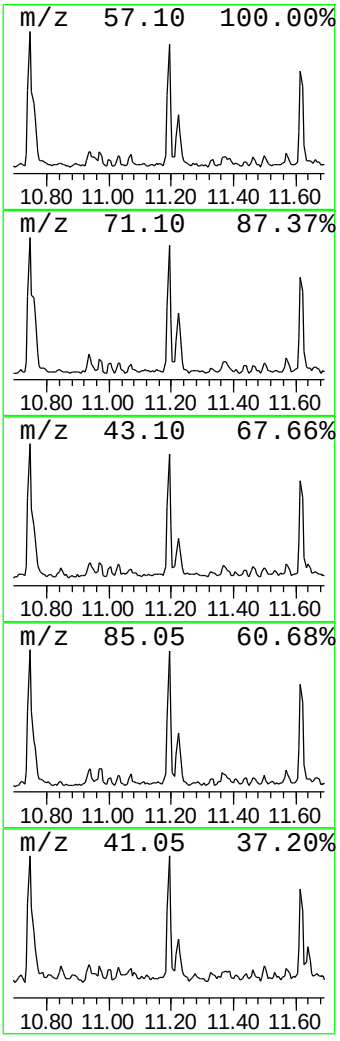
Peak Number 6 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	15.41 ng	228215	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Nonadecane	268	C19H40	000629-92-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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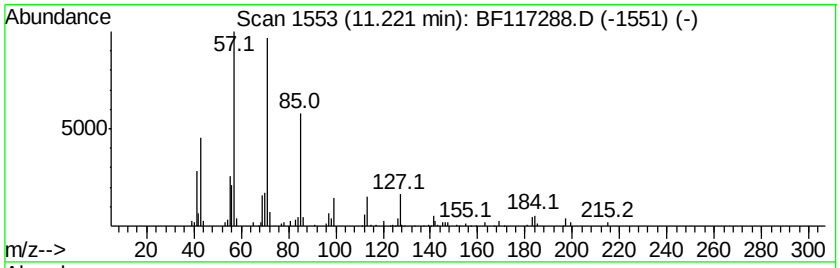
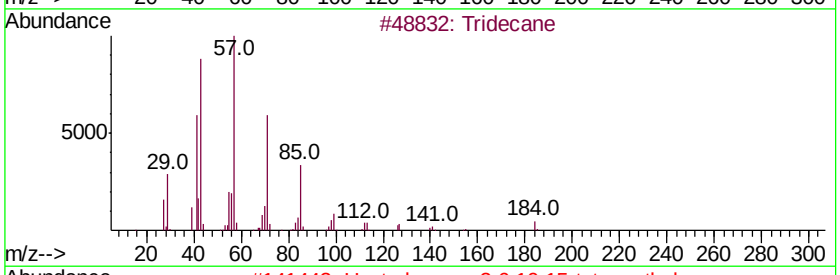
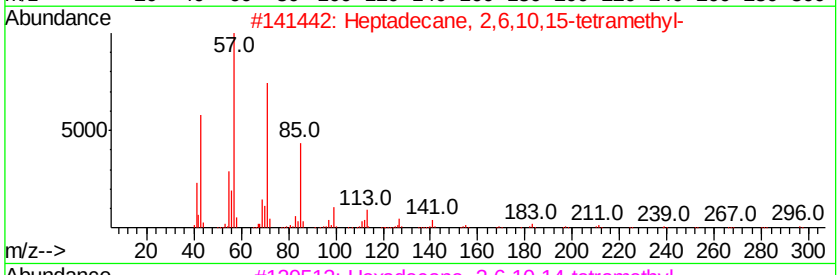
Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 19

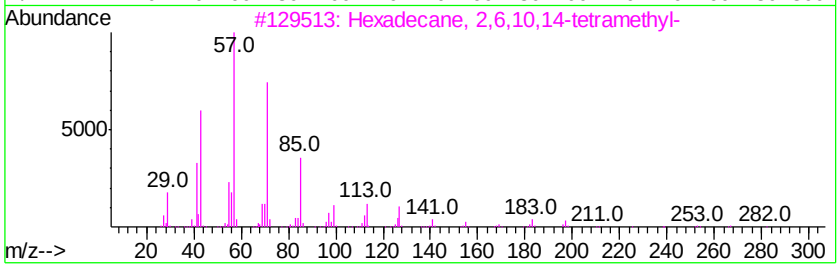
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	9.17 ng	135790	Phenanthrene-d10	11.33

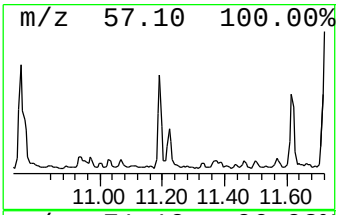
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Octacosane	394	C28H58	000630-02-4	64

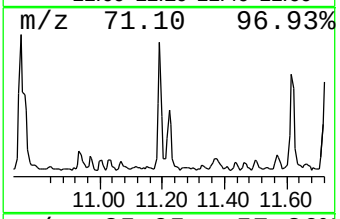


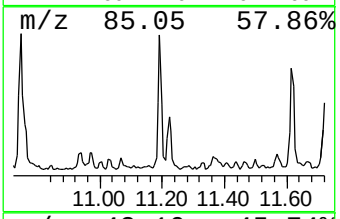


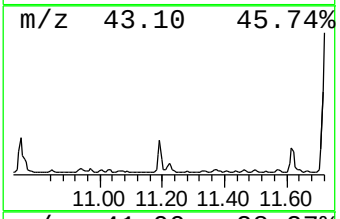


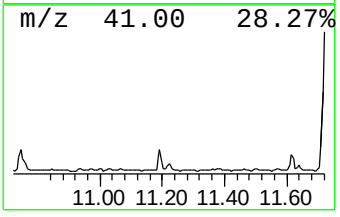












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

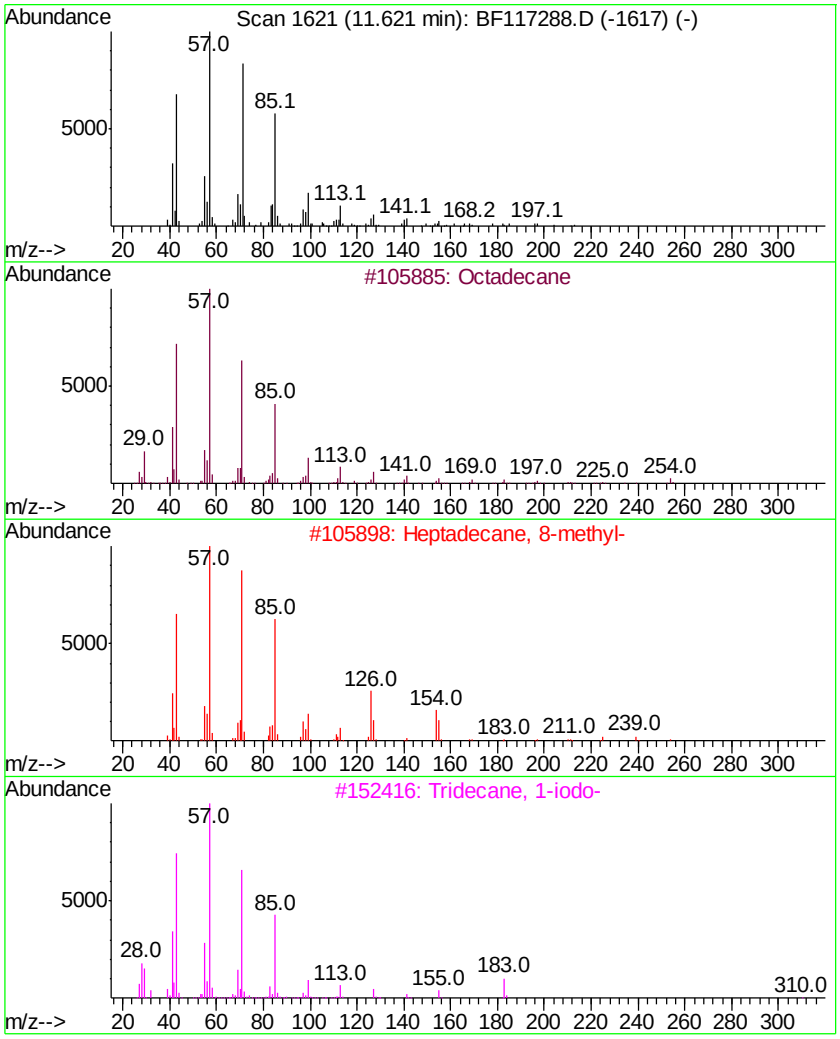
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

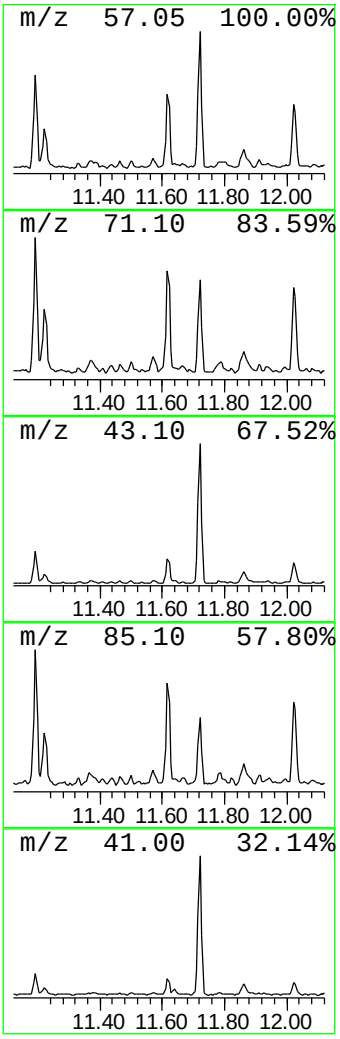
****

Peak Number 8 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	13.48 ng	199611	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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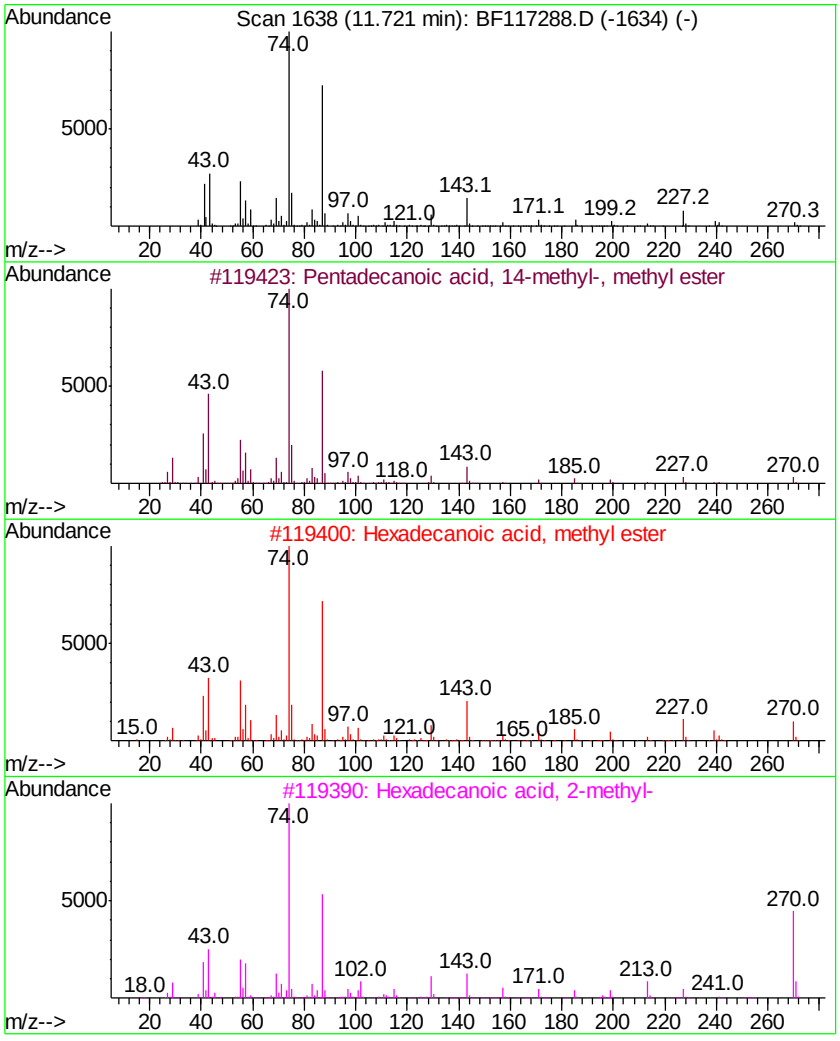
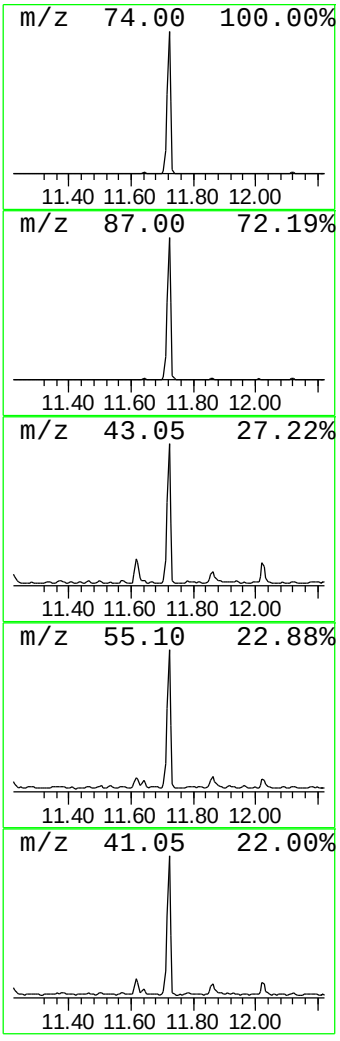
Peak Number 9 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	142.49 ng	2110040	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
3	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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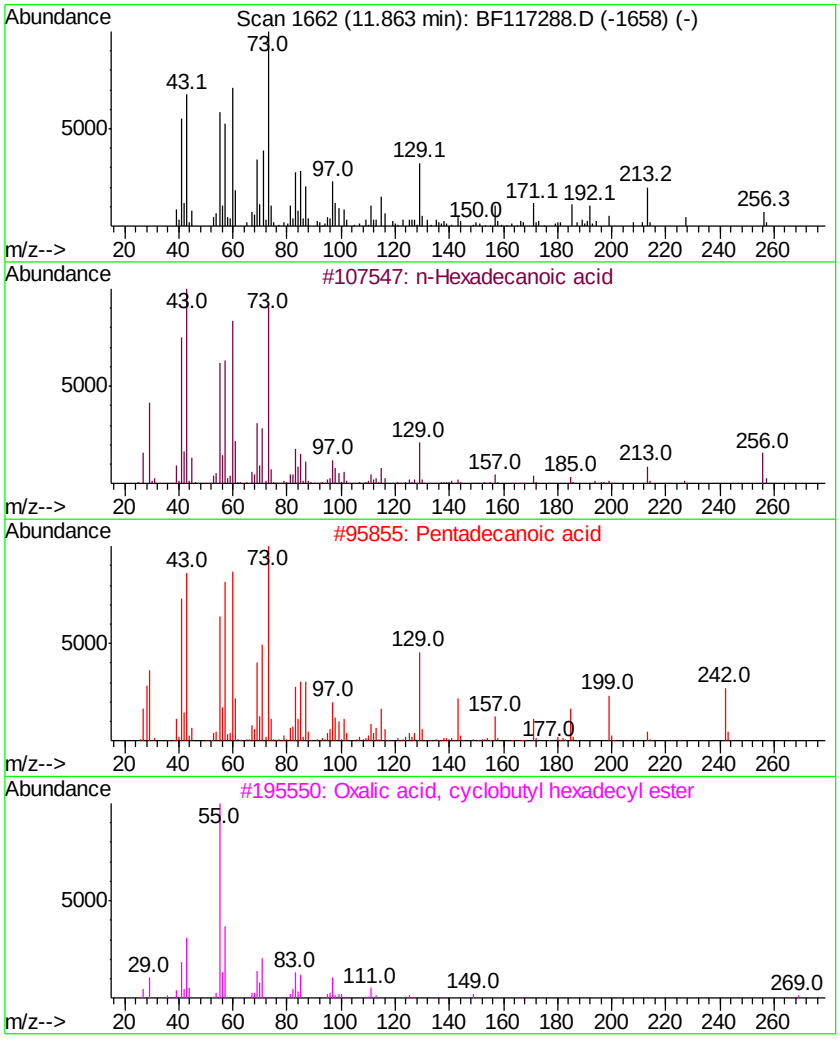
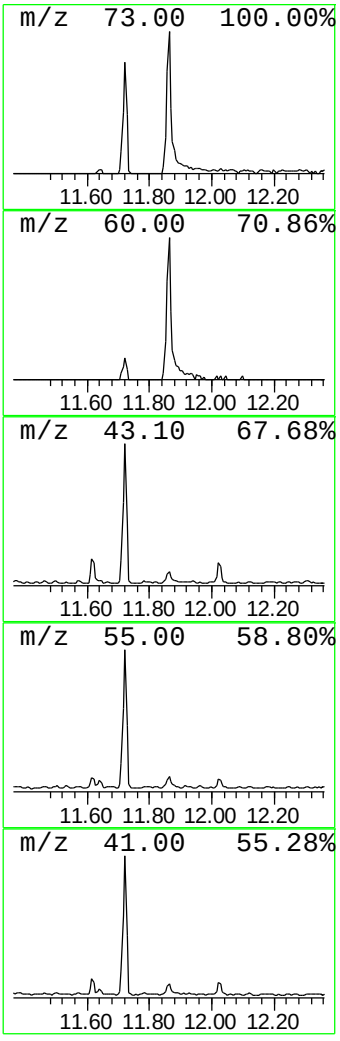
Peak Number 10 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	14.98 ng	221821	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	25
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	25
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	25





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

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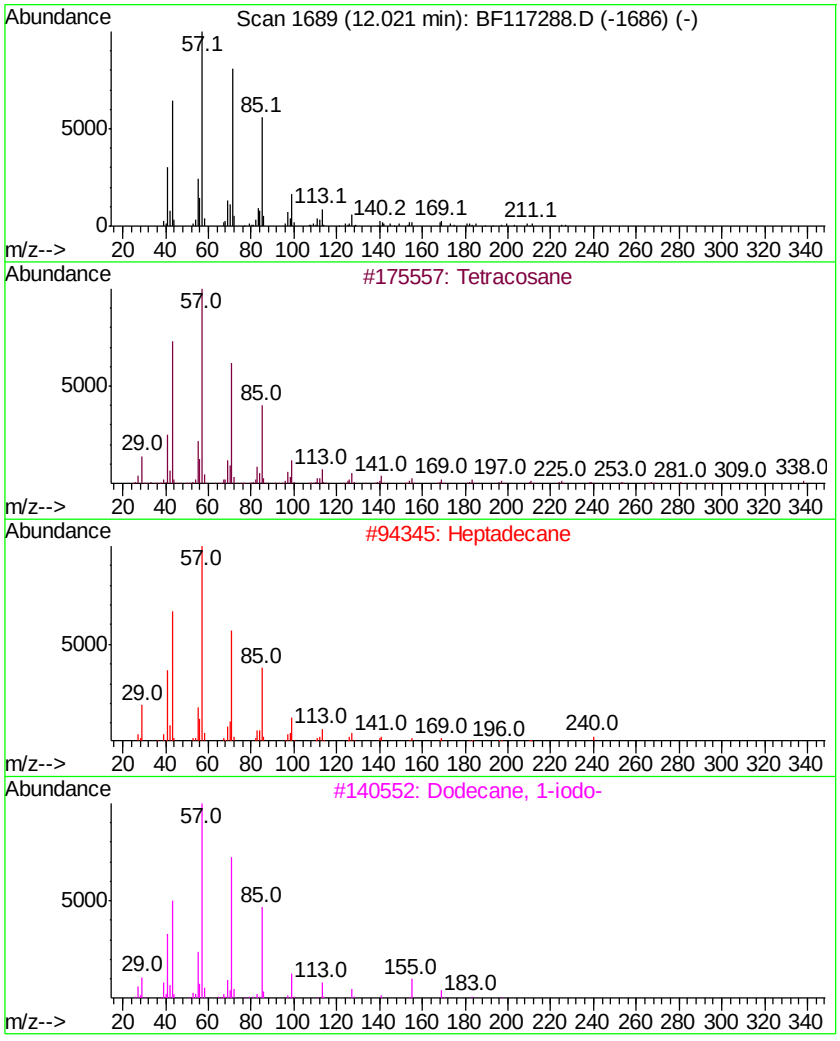
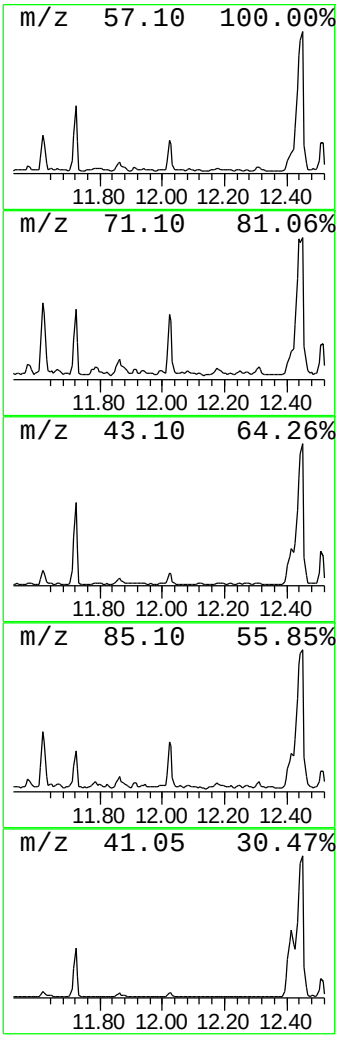
Peak Number 11 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	11.71 ng	173381	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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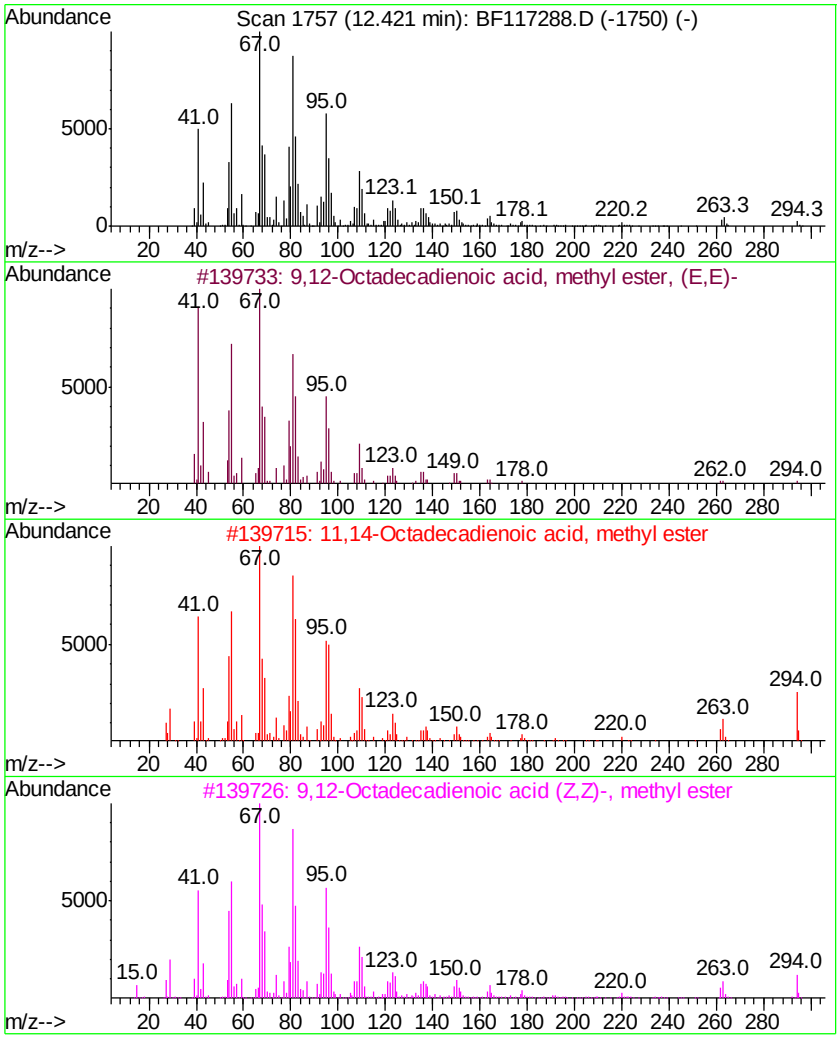
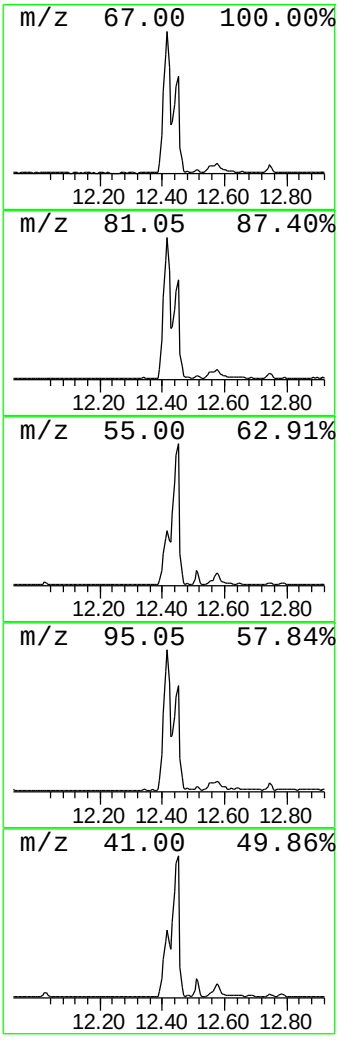
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	380.66 ng	5636960	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97





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ClientSampleId : JC-02-093019-B

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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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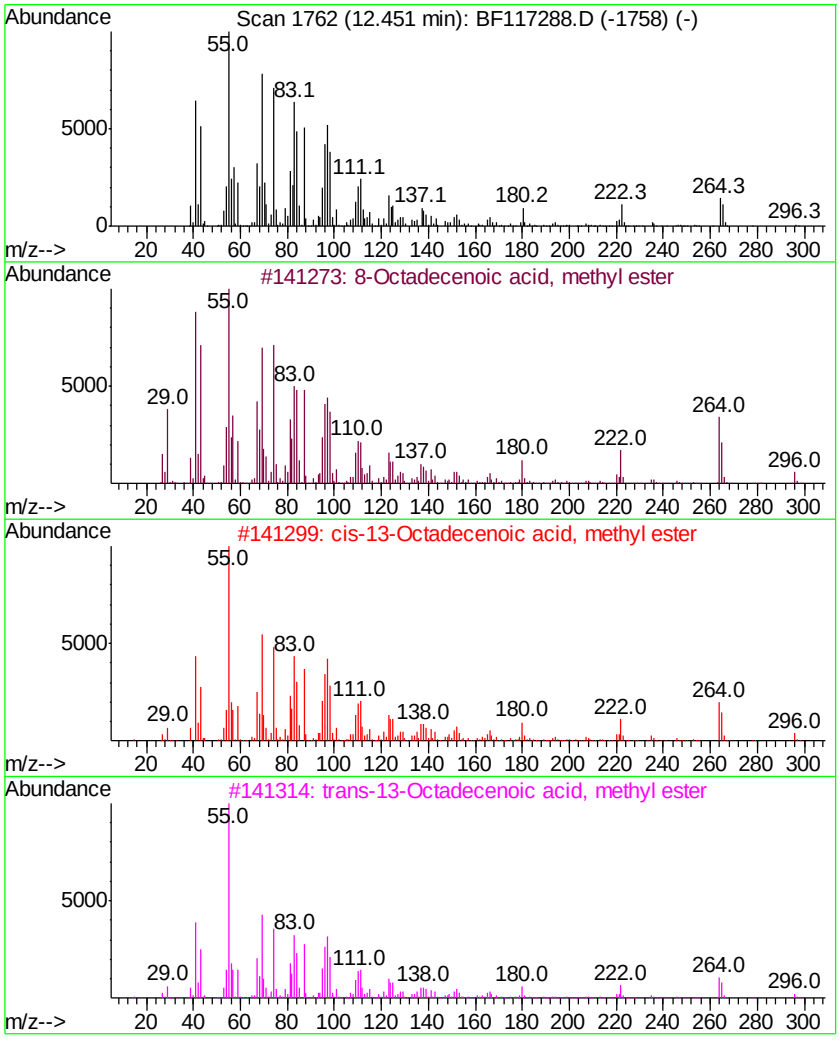
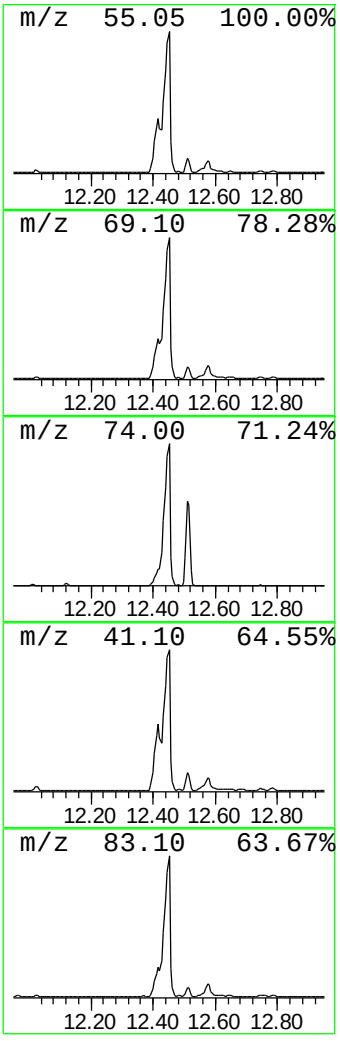
Peak Number 13 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	618.63 ng	9160910	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	95
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	95
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





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

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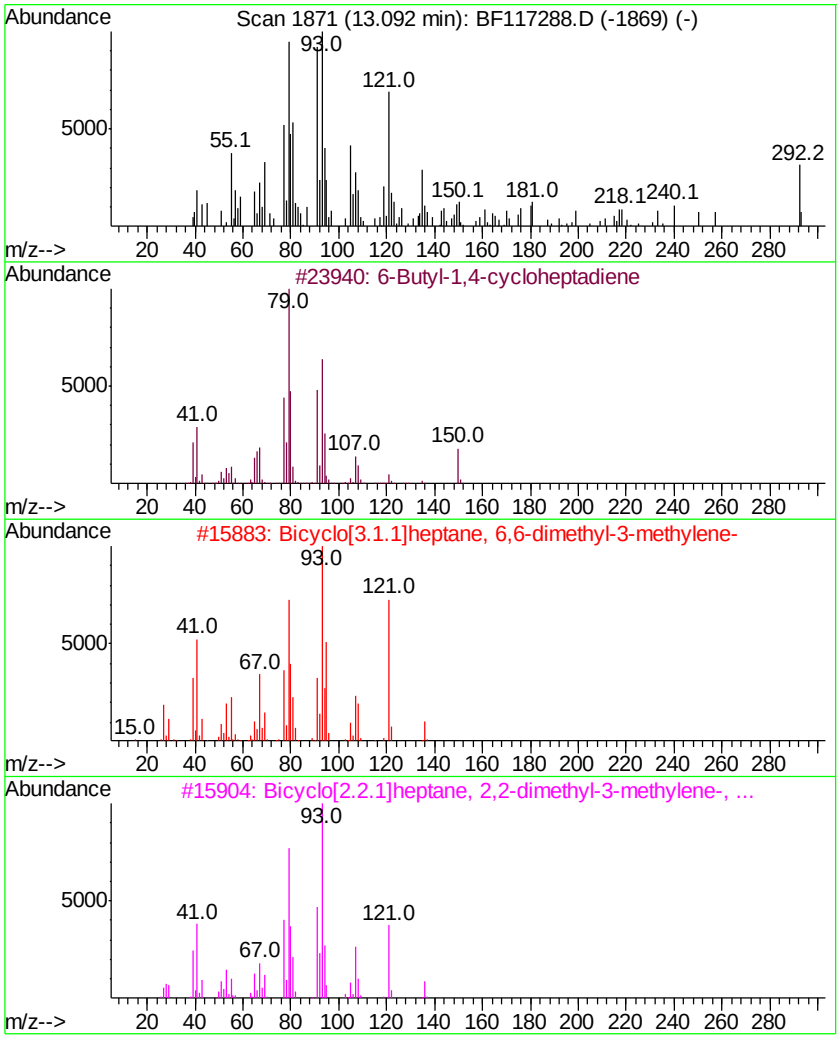
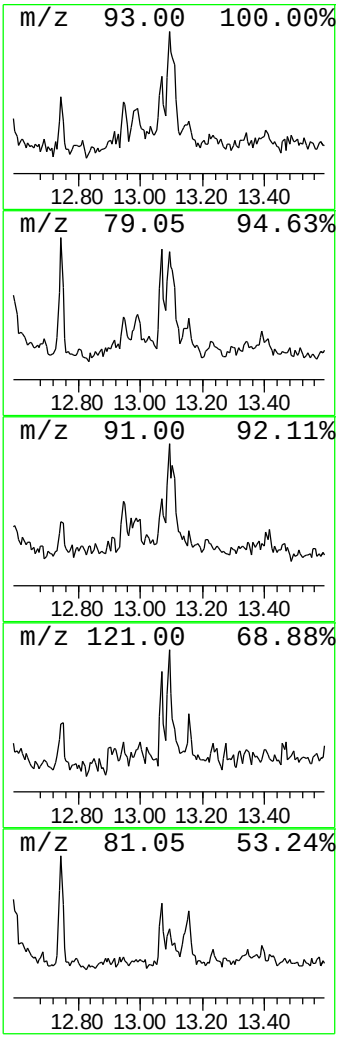
Peak Number 14 6-Butyl-1,4-cycloheptadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	10.31 ng	137313	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	89
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	76
3	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	76
4	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	70
5	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	64





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ClientSampleId : JC-02-093019-B

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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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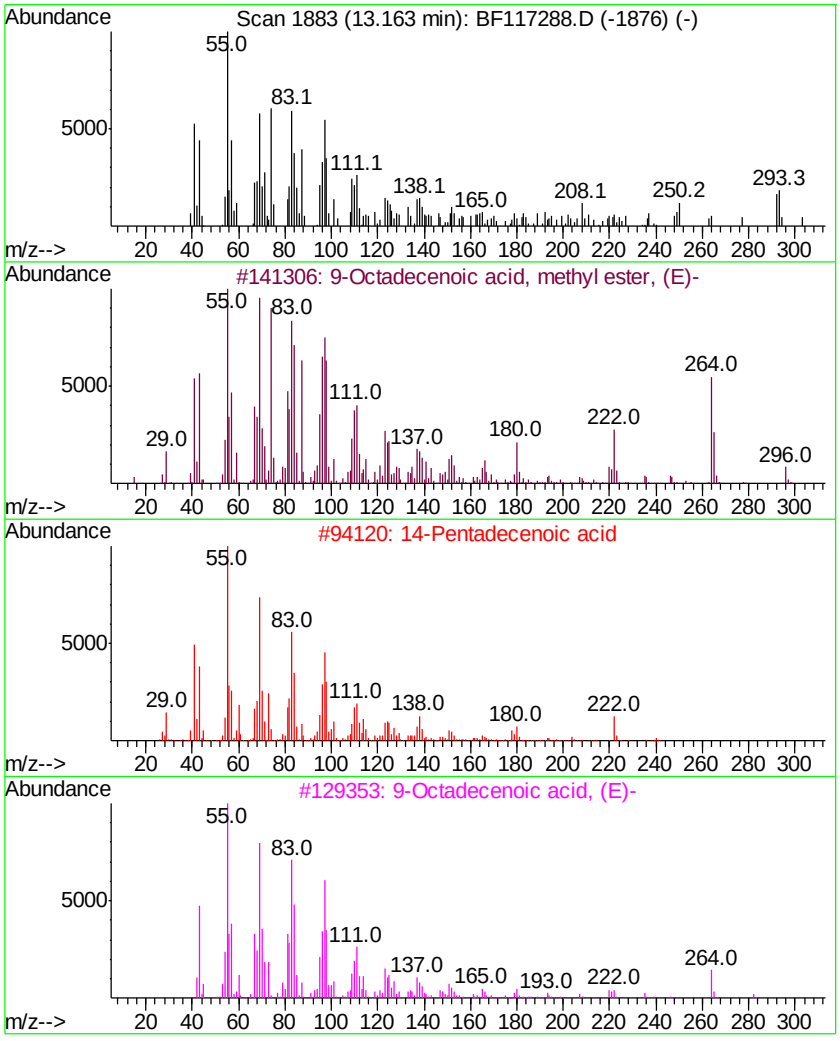
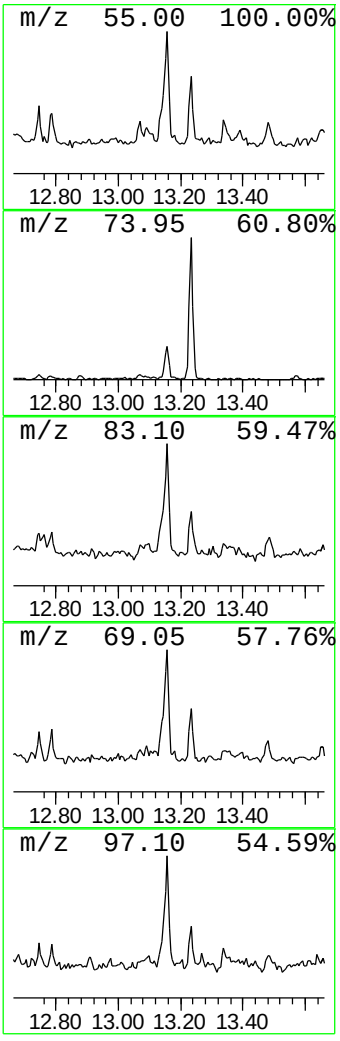
Peak Number 15 9-Octadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	28.50 ng	379443	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	87
2	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	76
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	76
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	70
5	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	68





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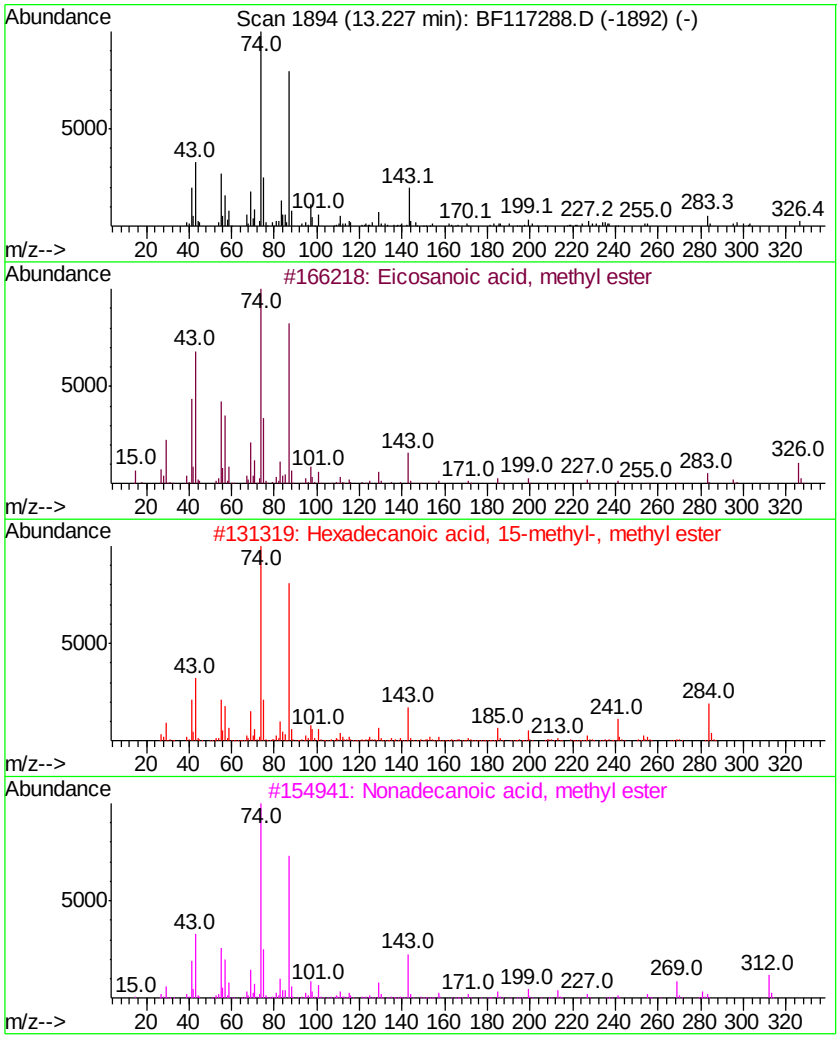
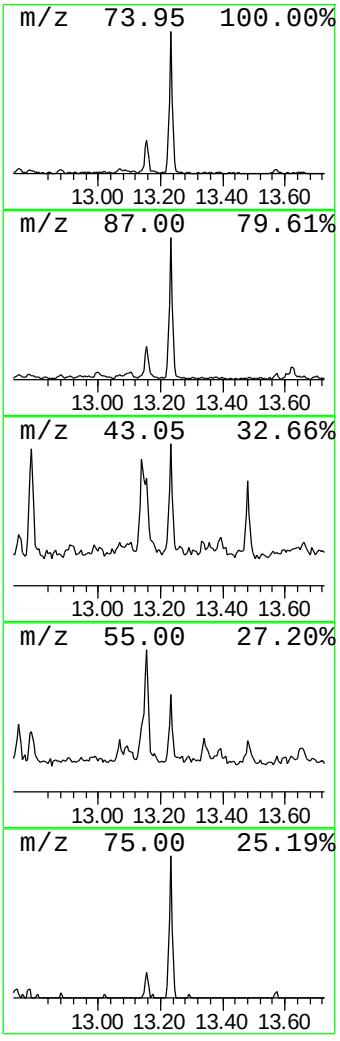
Peak Number 16 Eicosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	14.44 ng	192252	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
4	Methyl stearate	298	C19H38O2	000112-61-8	87
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87





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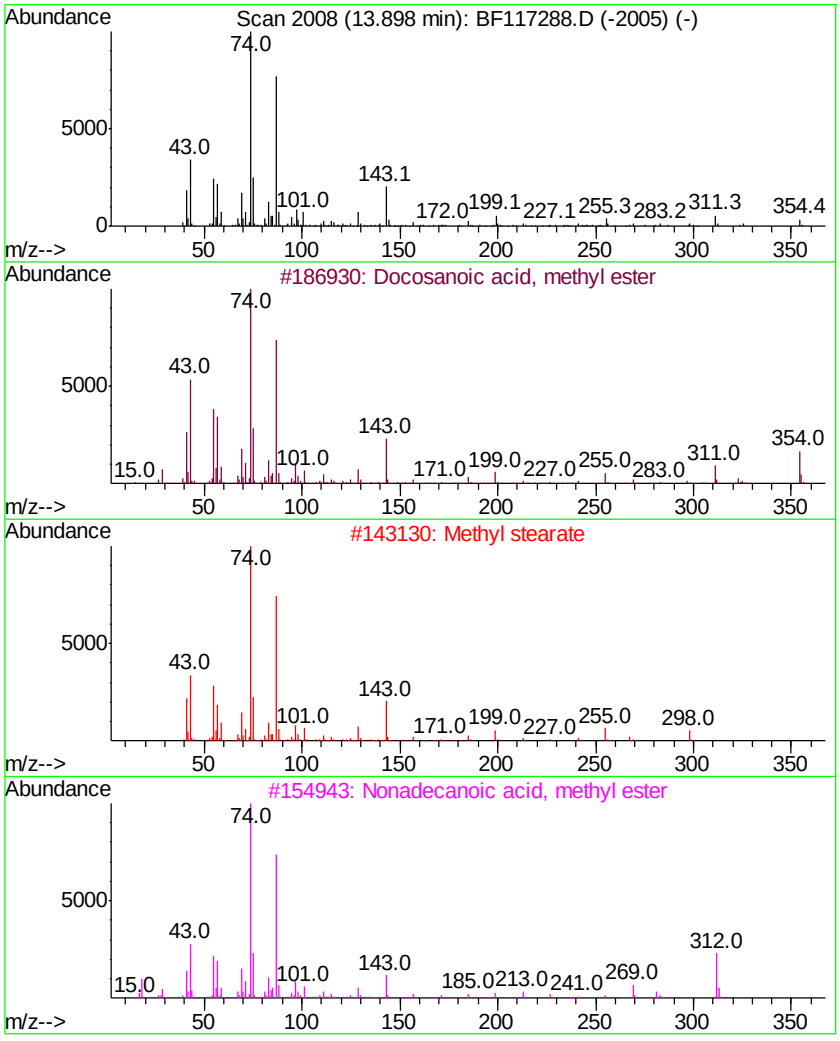
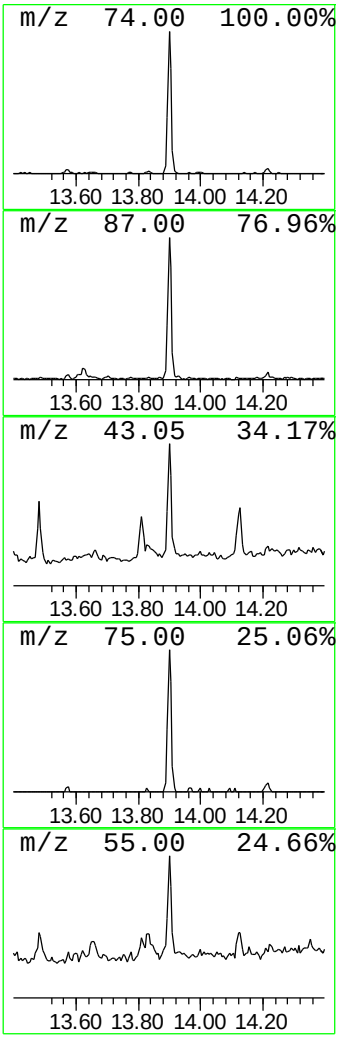
Peak Number 17 Docosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	19.11 ng	254461	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2	Methyl stearate	298	C19H38O2	000112-61-8	91
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	86





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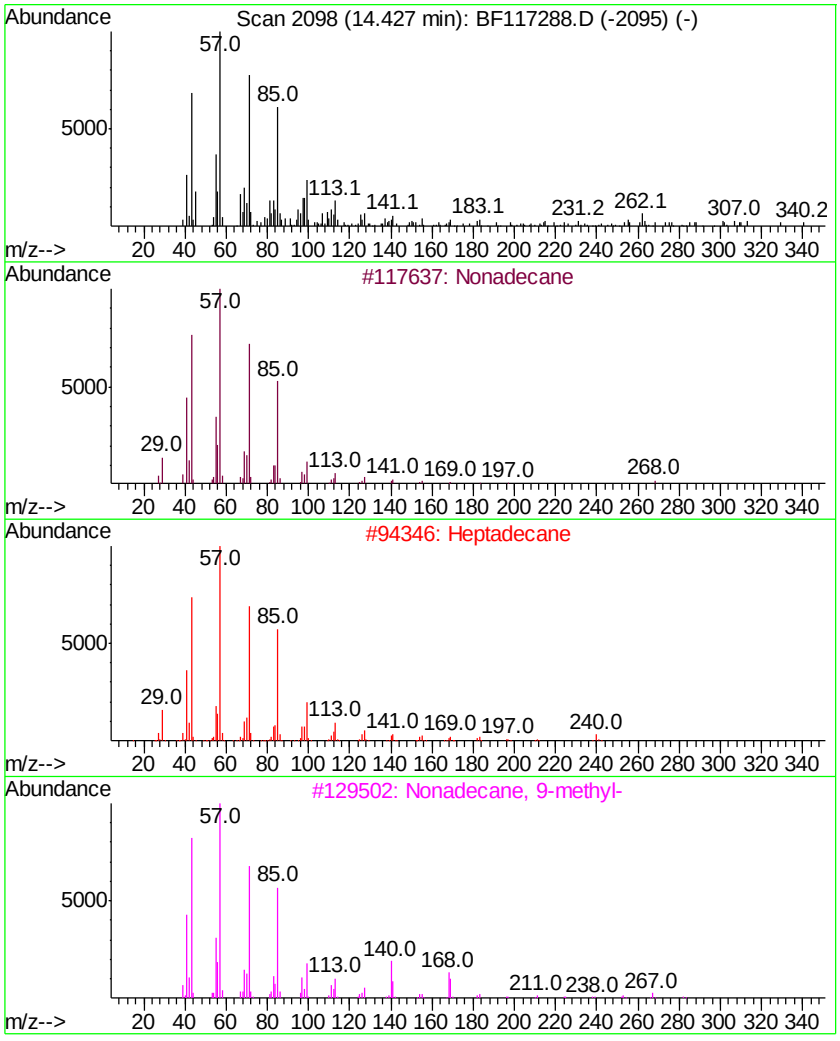
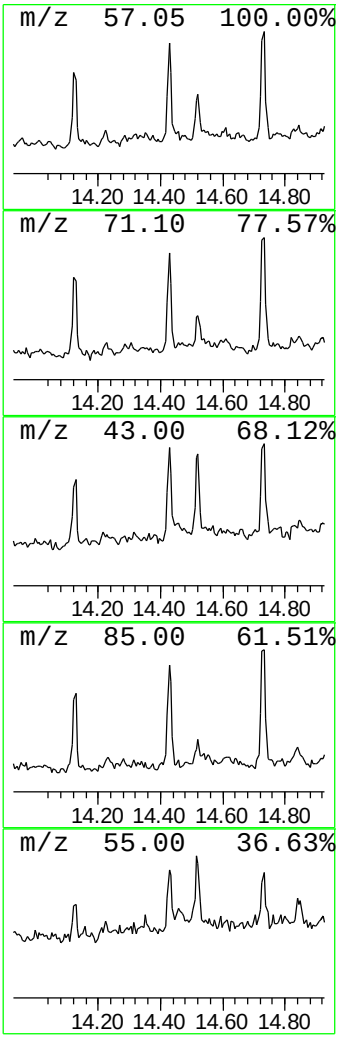
Peak Number 18 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	11.09 ng	147584	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexacosane	366	C26H54	000630-01-3	83





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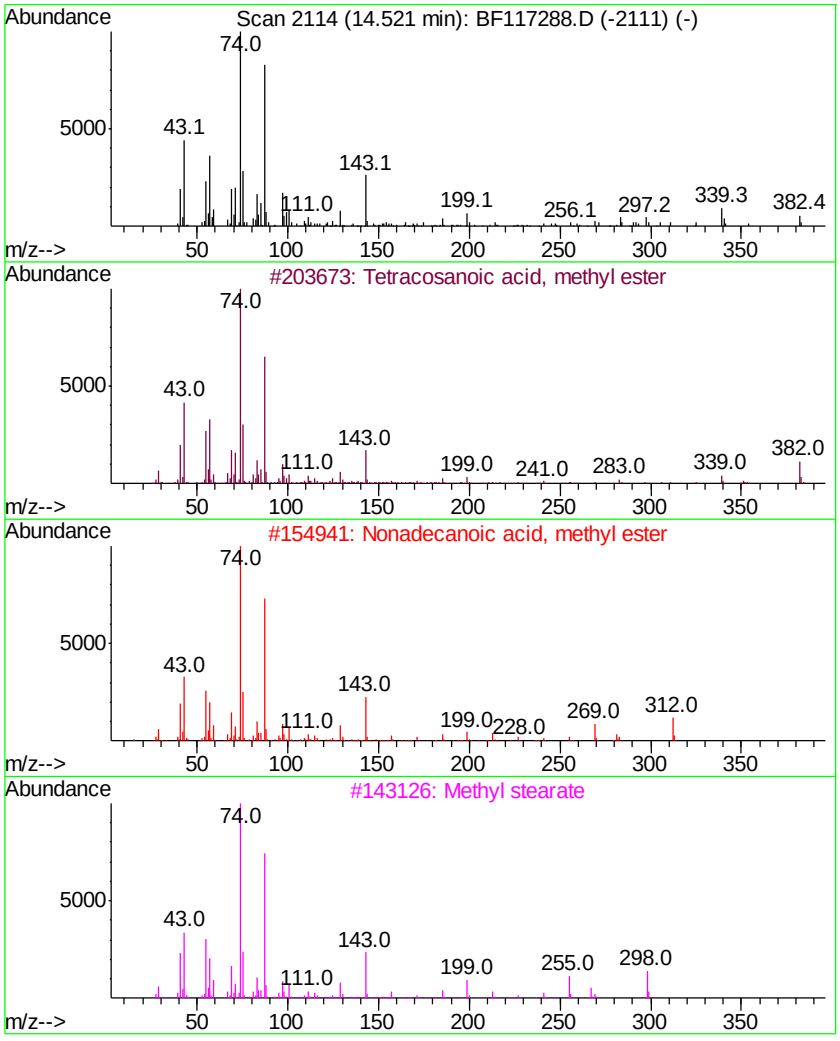
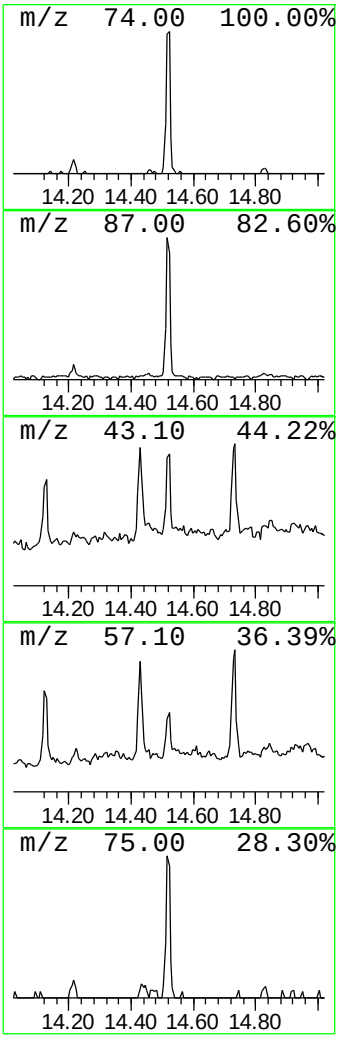
Peak Number 19 Tetracosanoic acid, methyl ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	9.36 ng	124625	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	90
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	83
3	Methyl stearate	298	C19H38O2	000112-61-8	83
4	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	80
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	74





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Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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

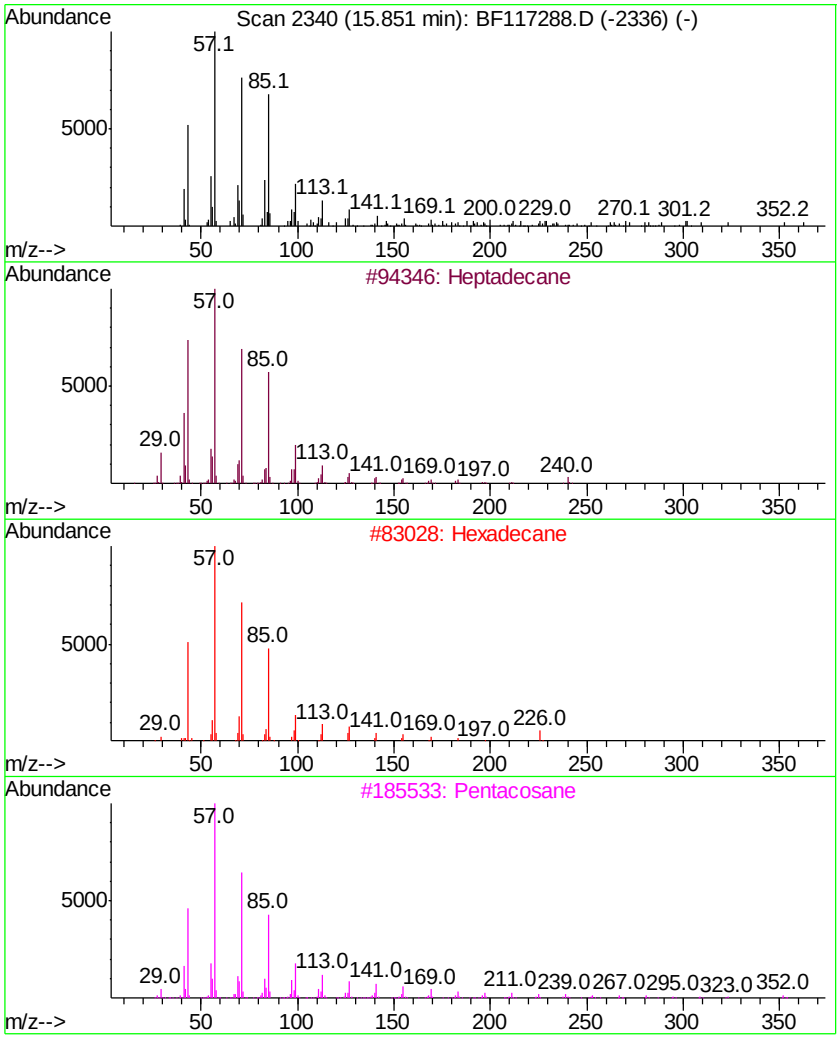
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

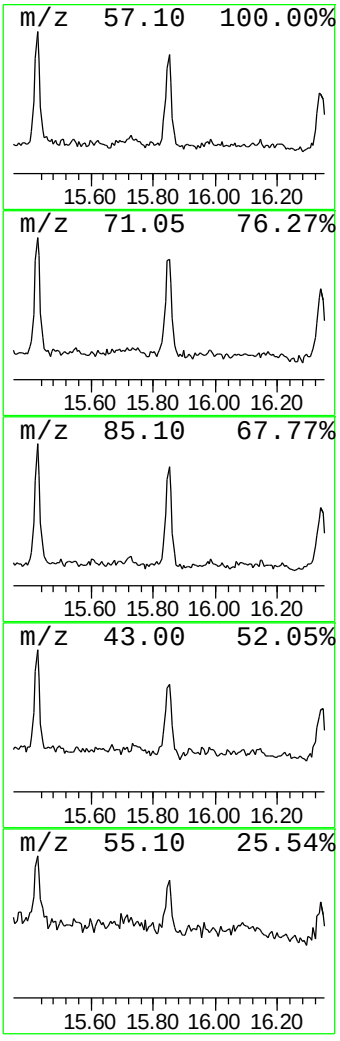
****

Peak Number 20 Pentacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	9.68 ng	166229	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Pentacosane	352	C25H52	000629-99-2	93
4	Heneicosane	296	C21H44	000629-94-7	87
5	Eicosane	282	C20H42	000112-95-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
Data File : BF117288.D
Acq On : 1 Oct 2019 20:29
Operator : JU
Sample : K4659-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-093019-B

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
unknown6.58	6.58	31.3	ng	455511	1	6.81	291010	20.0
Tetradecane	9.77	8.3	ng	146797	3	9.85	351603	20.0
Hexadecane	10.27	10.9	ng	190830	3	9.85	351603	20.0
2-Bromo dodecane	10.75	24.3	ng	359549	4	11.33	296168	20.0
Dodecane, 1-iodo-	11.19	15.4	ng	228215	4	11.33	296168	20.0
Heptadecane, 2,6,...	11.22	9.2	ng	135790	4	11.33	296168	20.0
Octadecane	11.62	13.5	ng	199611	4	11.33	296168	20.0
Pentadecanoic aci...	11.72	142.5	ng	2110040	4	11.33	296168	20.0
n-Hexadecanoic acid	11.86	15.0	ng	221821	4	11.33	296168	20.0
Tetracosane	12.02	11.7	ng	173381	4	11.33	296168	20.0
9,12-Octadecadien...	12.42	380.7	ng	5636960	4	11.33	296168	20.0
8-Octadecenoic ac...	12.45	618.6	ng	9160910	4	11.33	296168	20.0
6-Butyl-1,4-cyclo...	13.09	10.3	ng	137313	5	13.97	266278	20.0
9-Octadecenoic ac...	13.16	28.5	ng	379443	5	13.97	266278	20.0
Eicosanoic acid, ...	13.23	14.4	ng	192252	5	13.97	266278	20.0
Docosanoic acid, ...	13.90	19.1	ng	254461	5	13.97	266278	20.0
Nonadecane	14.43	11.1	ng	147584	5	13.97	266278	20.0
Tetracosanoic aci...	14.52	9.4	ng	124625	5	13.97	266278	20.0
Pentacosane	15.85	9.7	ng	166229	6	15.43	343359	20.0