LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.881	300	305	324	rBV	355180	546945	7.13%	1.783%
2	5.475	573	576	601	rBV	74662	179833	2.34%	0.586%
3	6.487	744	748	767	rBV	96127	217202	2.83%	0.708%
4	6.616	767	770	777	rBV	198989	219975	2.87%	0.717%
5	6.840	804	808	826	rBV	713749	714730	9.31%	2.329%
6	6.992	831	834	845	rBV	176802	198409	2.59%	0.647%
7	7.410	901	905	914	rBV	65906	134146	1.75%	0.437%
8	8.116	1020	1025	1032	rBV	887467	939662	12.25%	3.063%
9	9.192	1205	1208	1213	rBV	287106	289168	3.77%	0.942%
10	9.269	1217	1221	1225	rBV	118686	126867	1.65%	0.413%
11	9.592	1272	1276	1278	rBV3	94204	102838	1.34%	0.335%
12	9.798	1308	1311	1316	rVB	155305	138407	1.80%	0.451%
13	9.869	1320	1323	1331	rVB	1076203	1013729	13.21%	3.304%
14	10.298	1390	1396	1399	rBV	242768	227990	2.97%	0.743%
15	10.522	1429	1434	1440	rBV	88689	122385	1.59%	0.399%
16	10.669	1456	1459	1466	rBV2	94362	143170	1.87%	0.467%
17	10.769	1473	1476	1485	rVB	247041	319301	4.16%	1.041%
18	11.216	1549	1552	1555	rBV	228455	216629	2.82%	0.706%
19	11.251	1555	1558	1563	rVB	121540	139984	1.82%	0.456%
20	11.357	1573	1576	1580	rBV	911374	906401	11.81%	2.954%
21	11.645	1622	1625	1627	rBV	248306	195522	2.55%	0.637%
22	11.669	1627	1629	1632	rVB	151357	113752	1.48%	0.371%
23	11.745	1638	1642	1646	rBV	3240725	2820976	36.76%	9.194%
24	11.886	1662	1666	1673	rVB3	108523	161882	2.11%	0.528%
25	12.051	1691	1694	1700	rVB	227891	215507	2.81%	0.702%
26	12.439	1754	1760	1761	rBV	5032099	6175220	80.48%	20.126%
27	12.463	1761	1764	1769	rVV2	5814588	7673277	100.00%	25.009%
28	12.539	1773	1777	1780	rVB	1595042	1387010	18.08%	4.521%
29	12.574	1780	1783	1784	rBV	277099	234721	3.06%	0.765%
30	12.592	1784	1786	1794	rVV	468479	684233	8.92%	2.230%
31	12.769	1813	1816	1819	rBV	96528	88374	1.15%	0.288%
32	12.810	1820	1823	1829	rVB	247865	270405	3.52%	0.881%
33	12.939	1842	1845	1848	rVB	316627	252549	3.29%	0.823%
34	13.121	1873	1876	1881	rVB4	89894	142467	1.86%	0.464%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.180	1881	1886	1889	rBV2	265222	323277	4.21%	1.054%
36	13.257	1894	1899	1903	rBV	231643	240082	3.13%	0.782%
37	13.369	1915	1918	1924	rVB3	115863	127187	1.66%	0.415%
38	13.504	1939	1941	1944	rVB	98246	91467	1.19%	0.298%
39	13.680	1968	1971	1975	rVB3	61621	83278	1.09%	0.271%
40	13.927	2010	2013	2019	rBV	205303	198256	2.58%	0.646%
41	14.004	2022	2026	2036	rVV	864103	982796	12.81%	3.203%
42	14.151	2048	2051	2054	rVB2	97923	87776	1.14%	0.286%
43	14.457	2100	2103	2105	rBV	113892	116308	1.52%	0.379%
44	14.874	2172	2174	2180	rVB	148534	180538	2.35%	0.588%
45	15.468	2271	2275	2283	rVB	710604	937538	12.22%	3.056%

Sum of corrected areas: 30682169

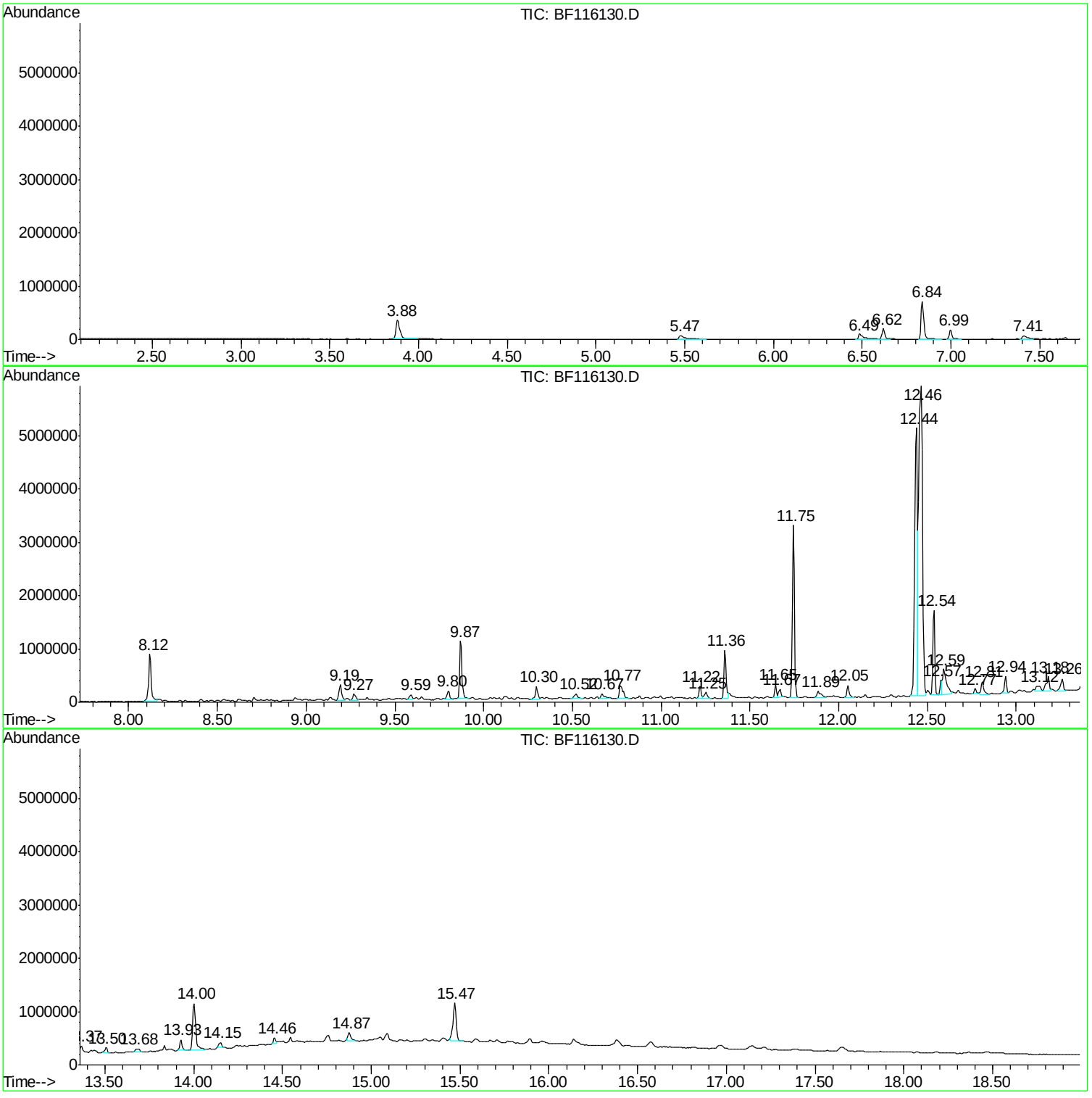
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-B

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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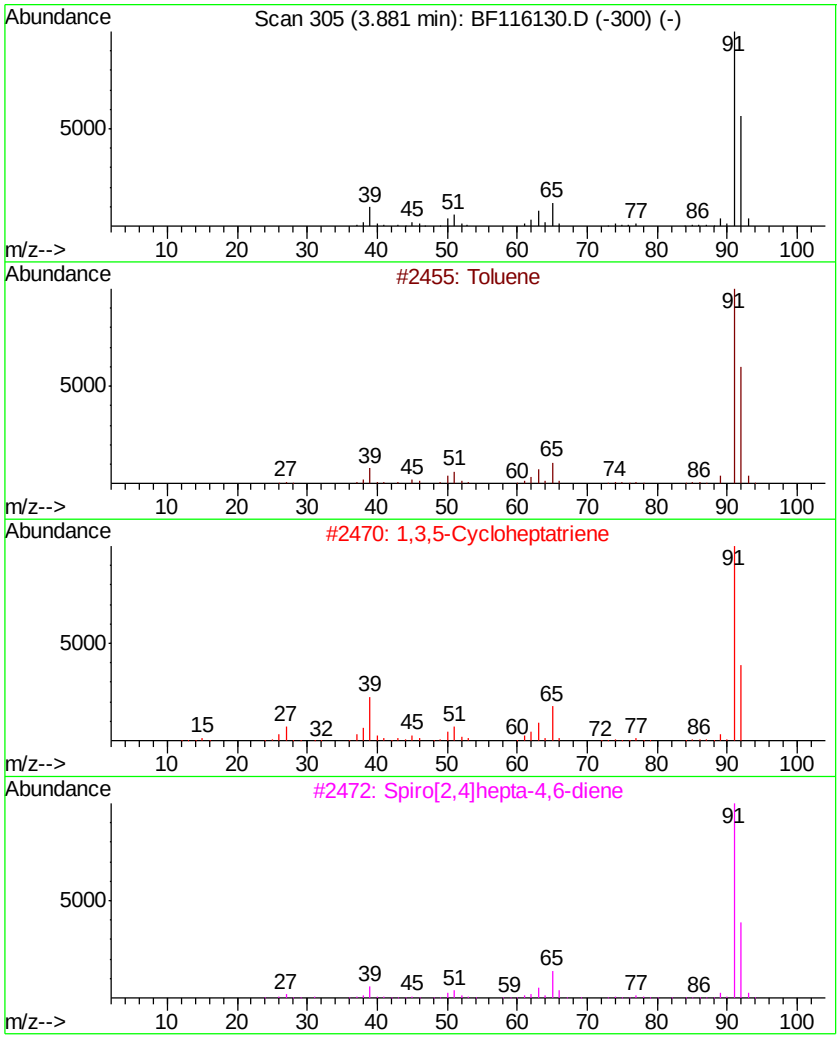
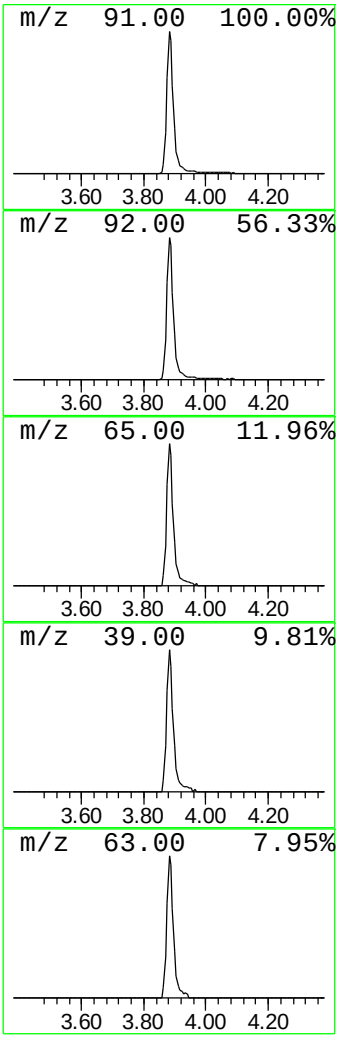
Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	15.30 ng	546945	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	81
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	78
5	2,5-Norbornadiene	92	C7H8	000121-46-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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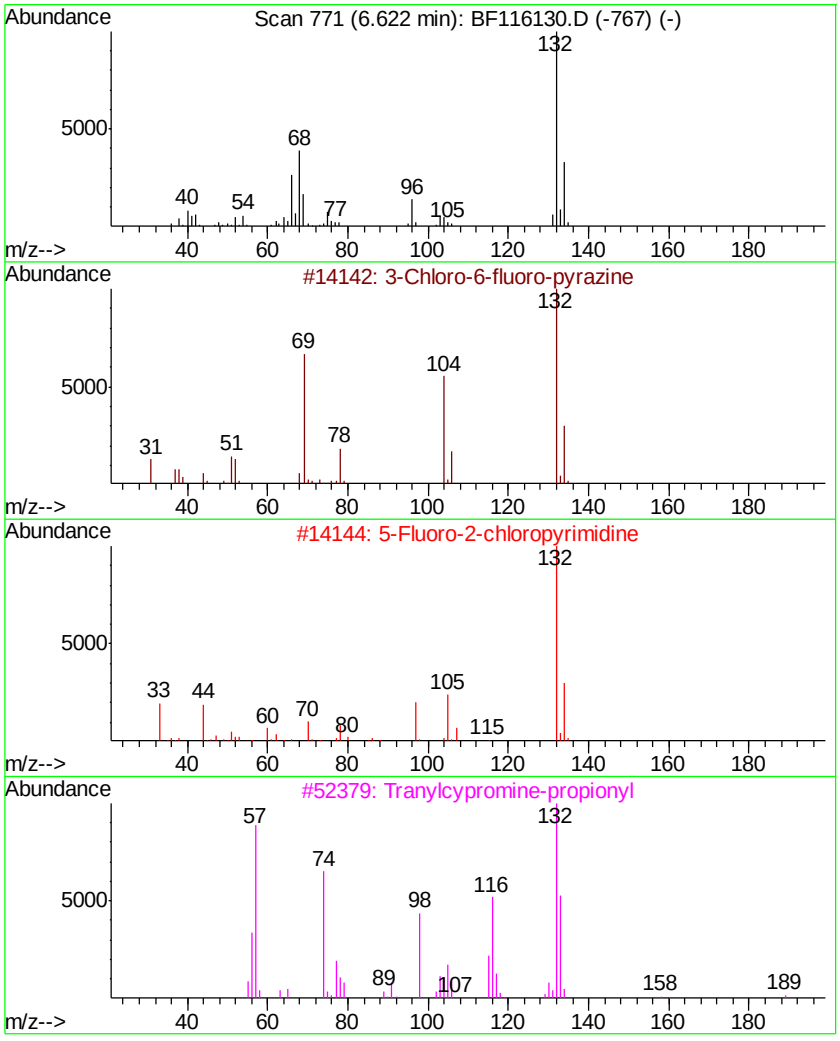
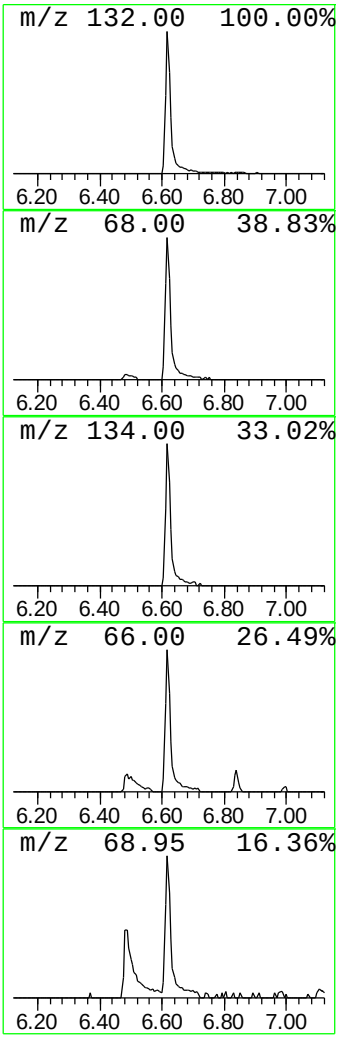
Peak Number 2 unknown6.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	6.16 ng	219975	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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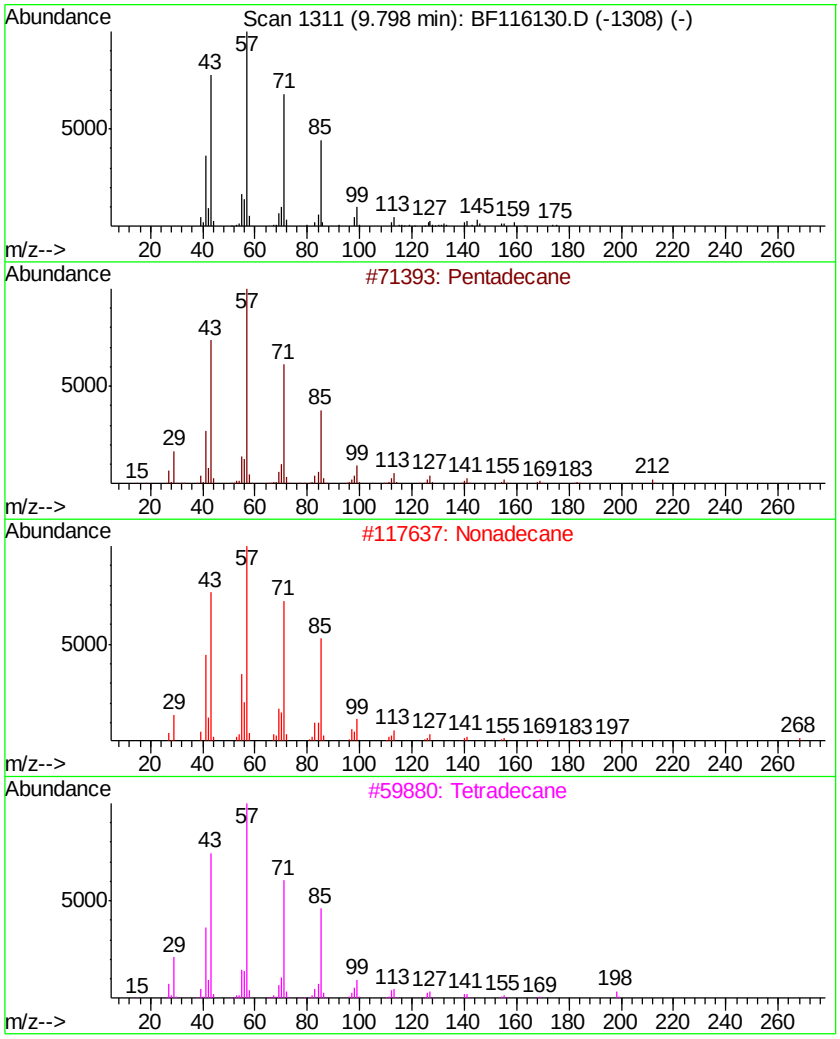
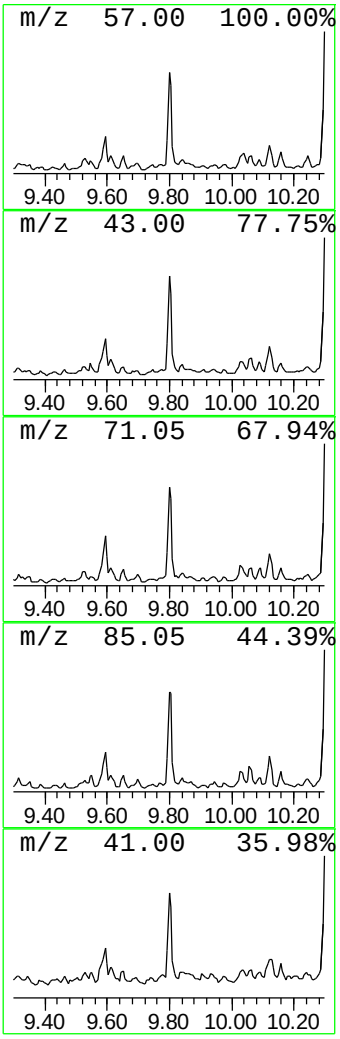
Peak Number 4 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	2.73 ng	138407	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane	226	C16H34	000544-76-3	72
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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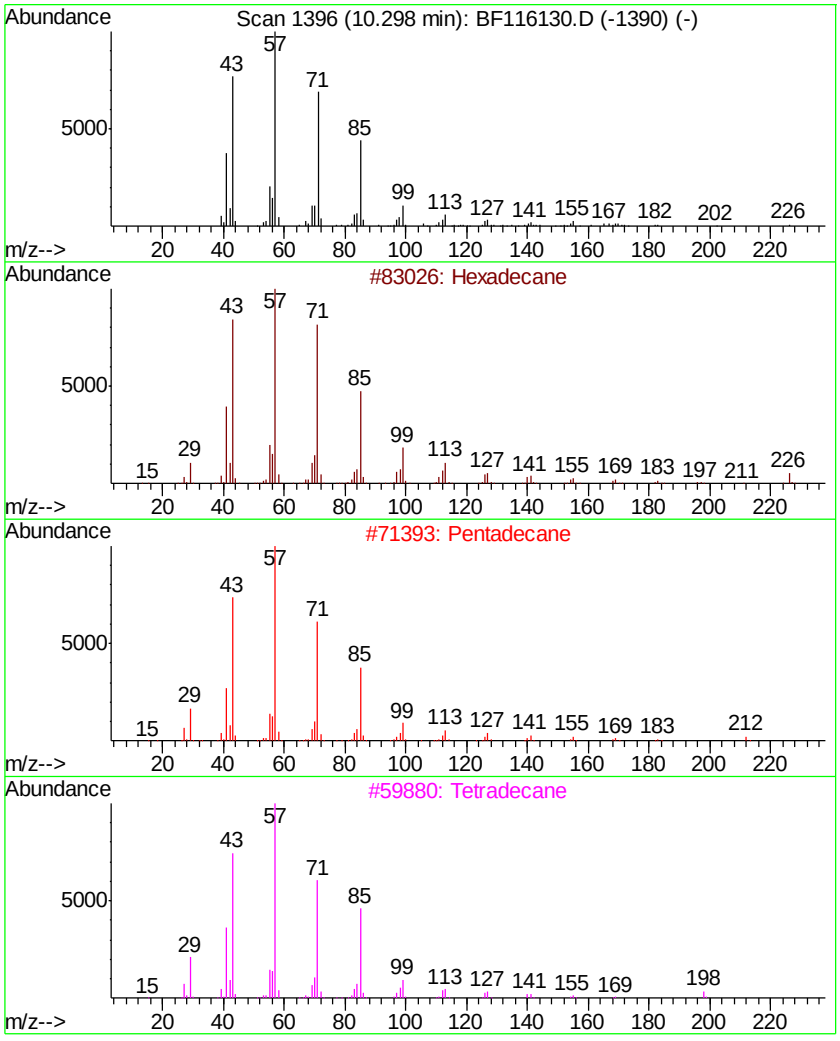
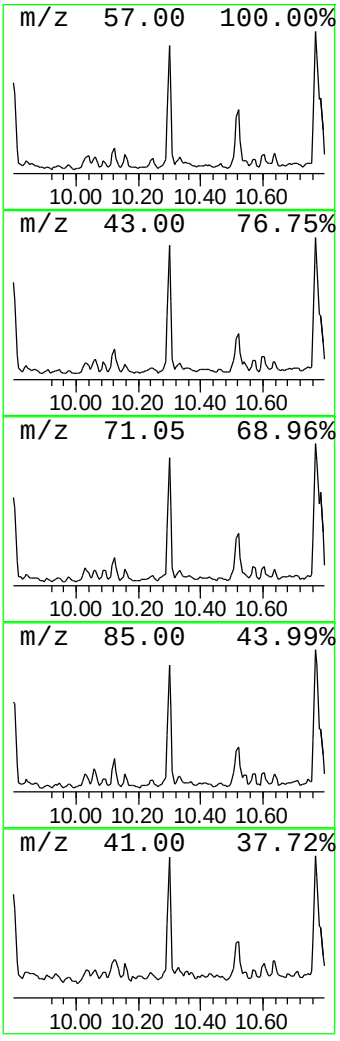
Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.50 ng	227990	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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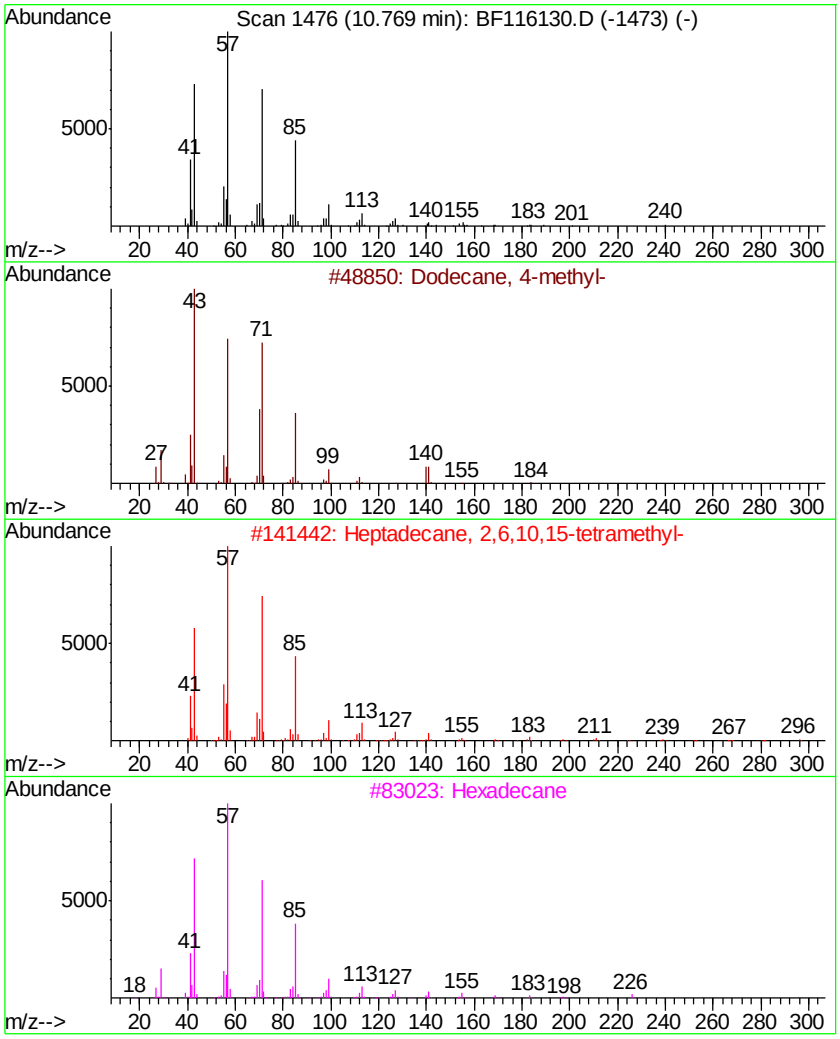
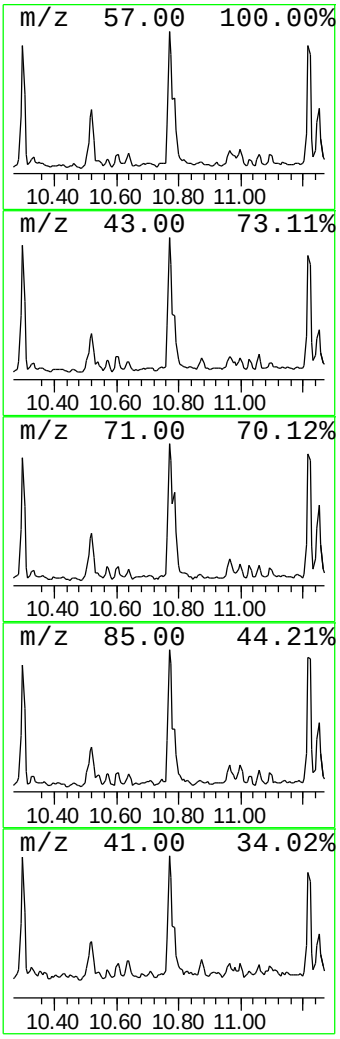
Peak Number 6 Dodecane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	7.05 ng	319301	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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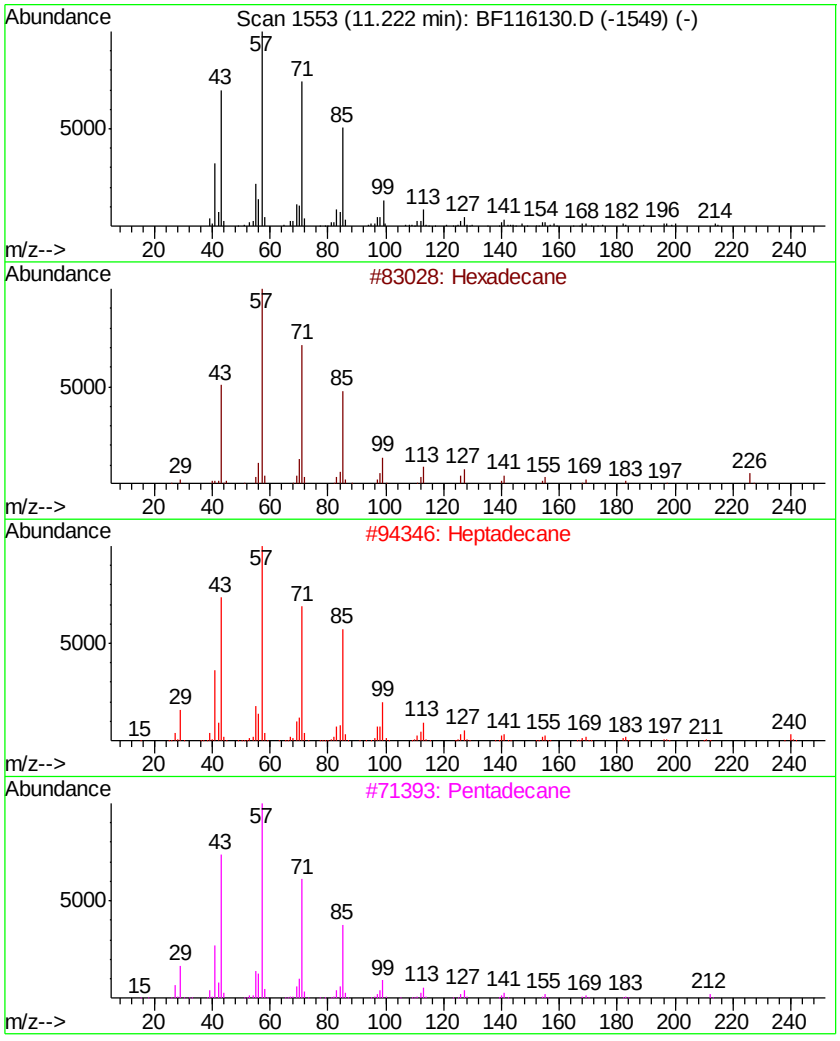
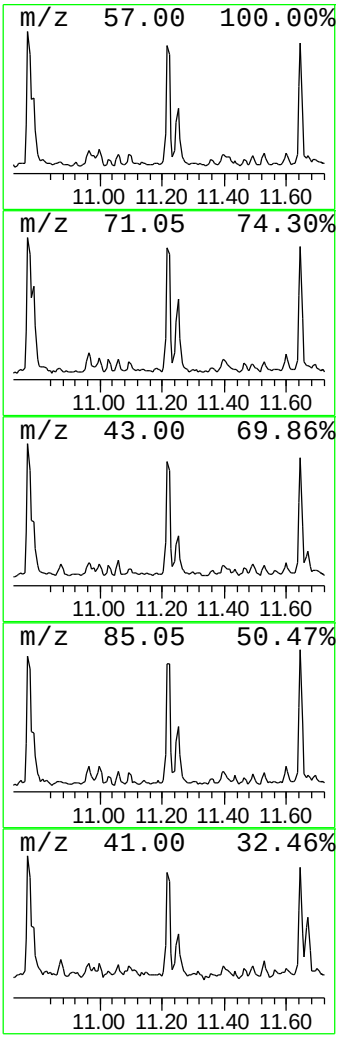
Peak Number 7 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.78 ng	216629	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
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Acq On : 9 Aug 2019 23:23
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

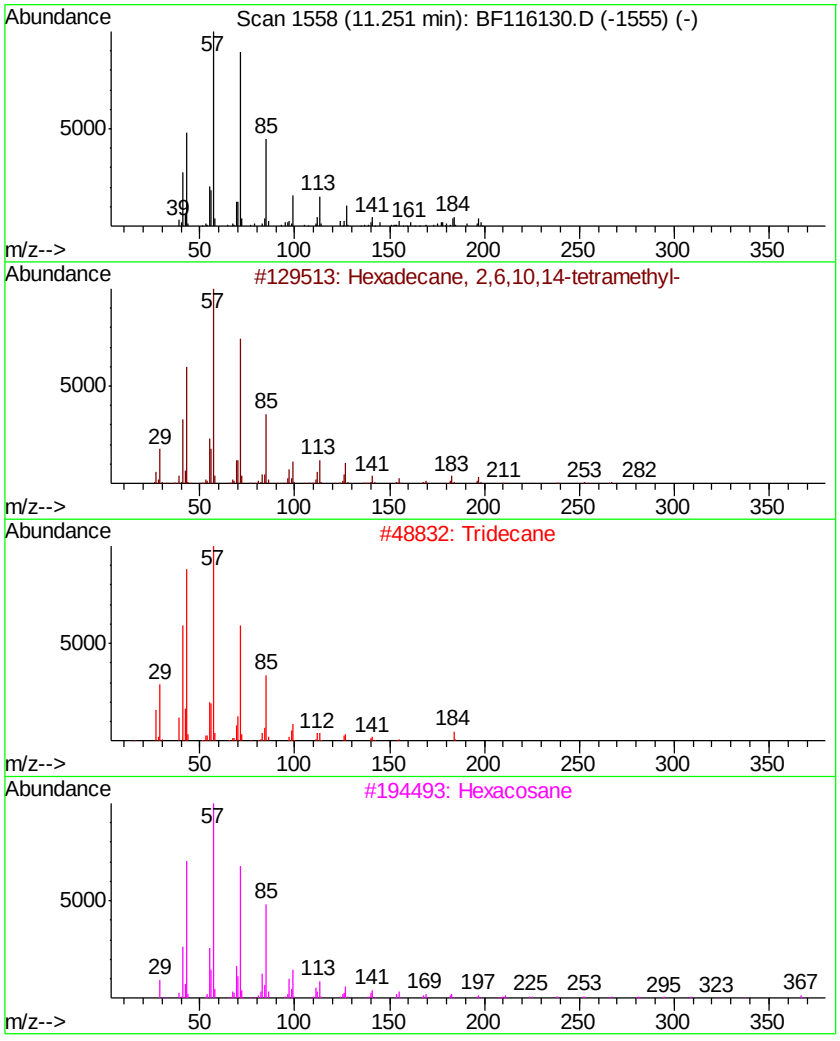
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

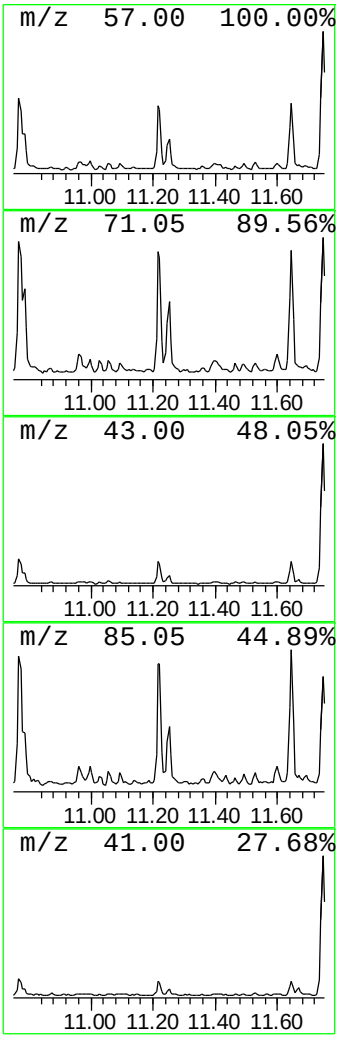
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.09 ng	139984	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Hexacosane	366	C26H54	000630-01-3	83
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	78
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116130.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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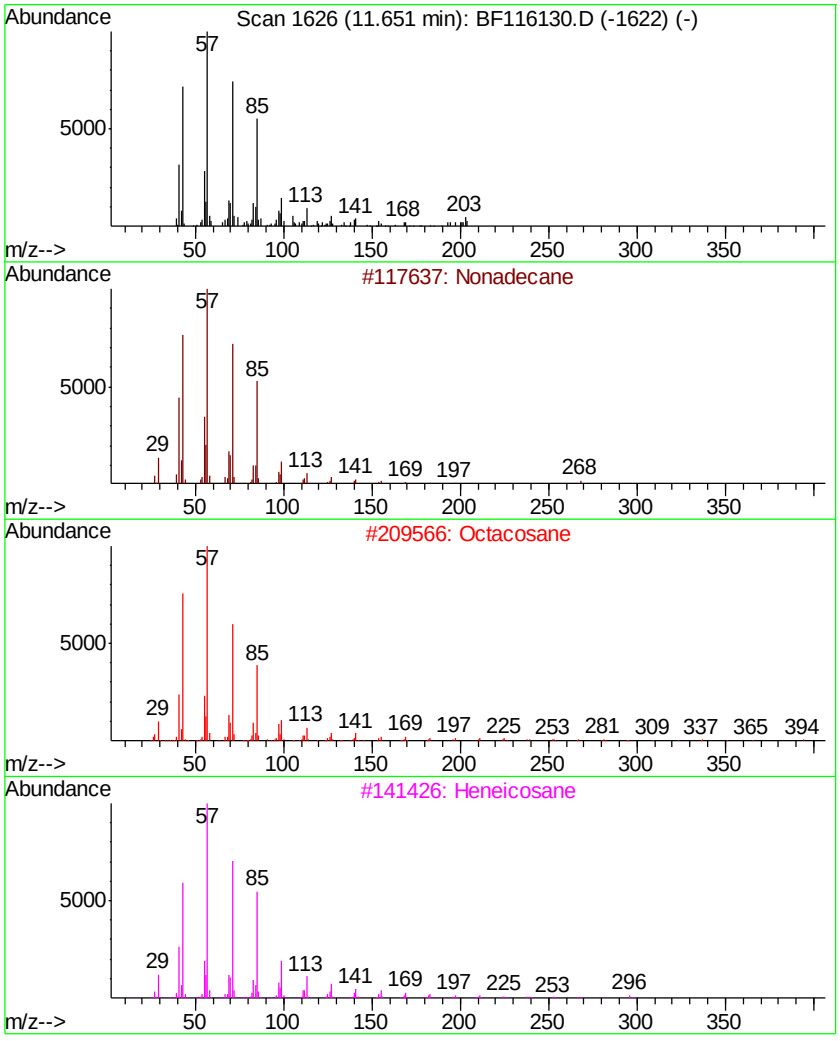
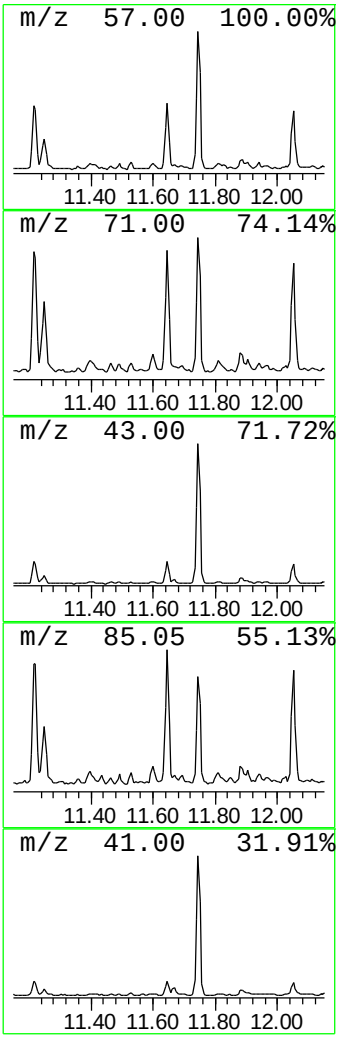
Peak Number 9 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.31 ng	195522	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





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Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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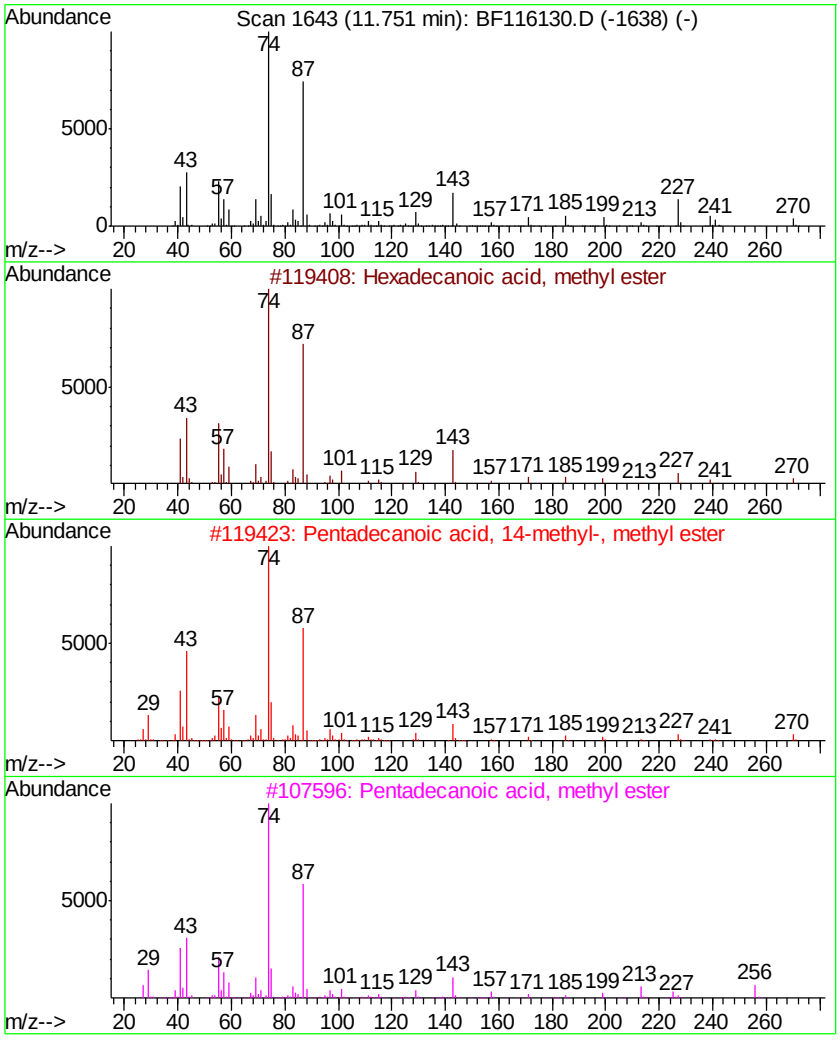
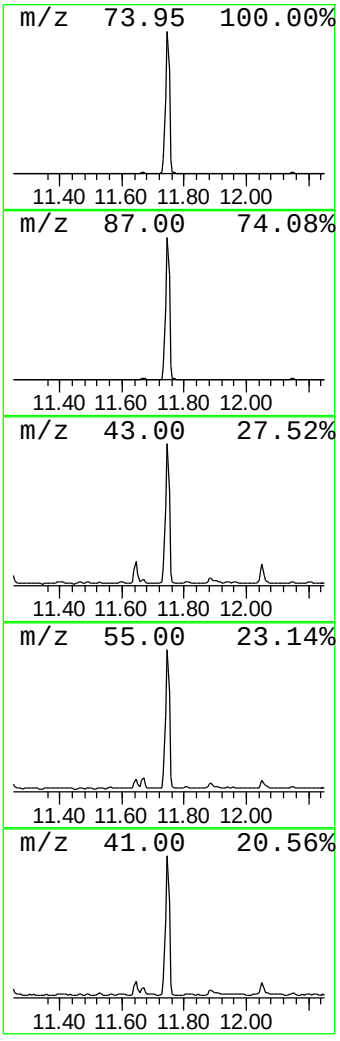
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	62.25 ng	2820980	Phenanthrene-d10	11.36

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	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	83





Library Search Compound Report

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Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

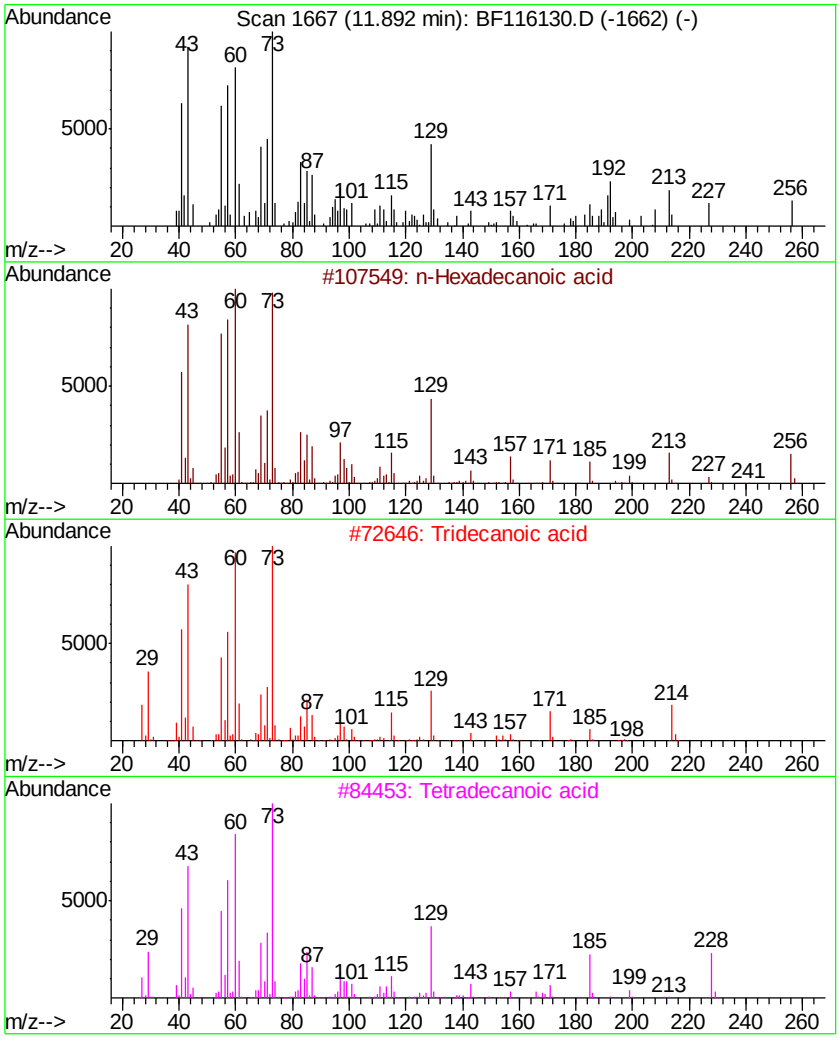
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

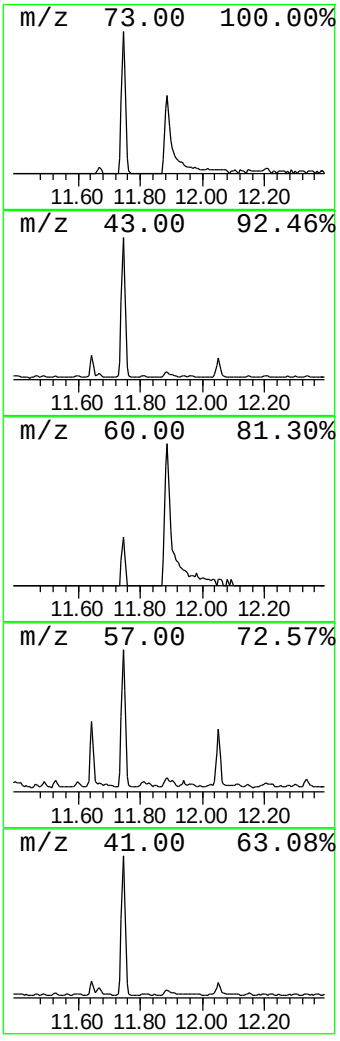
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.57 ng	161882	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	81





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

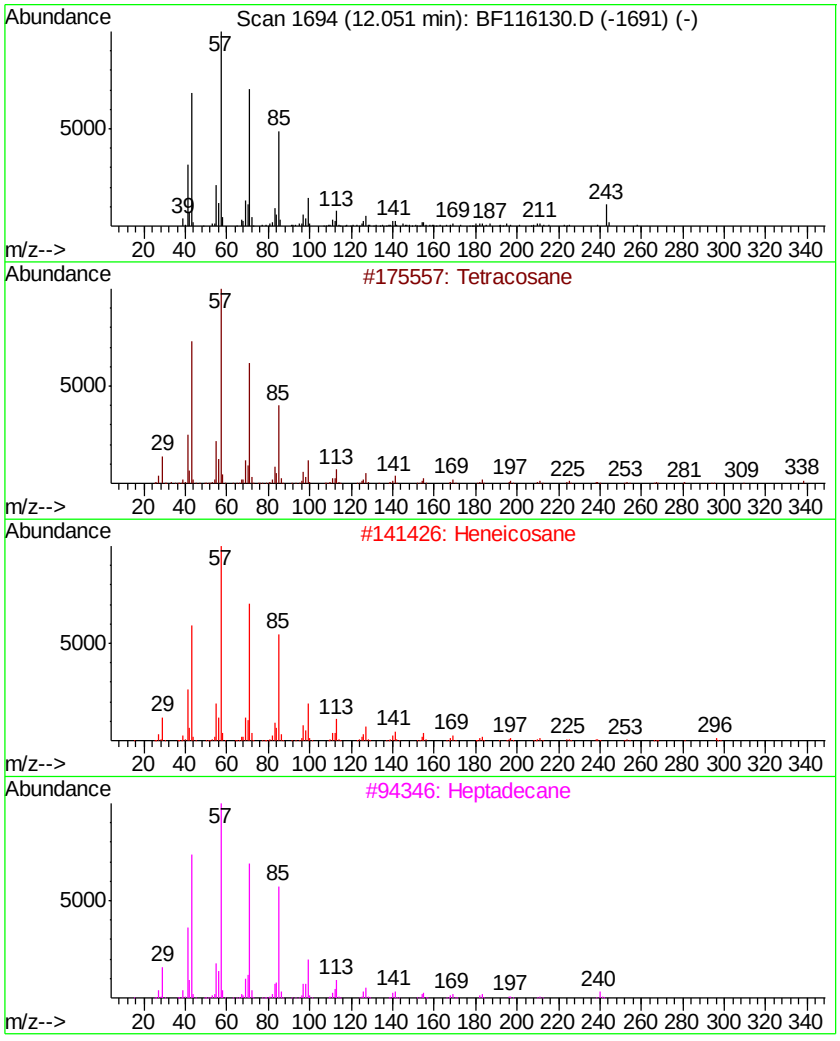
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

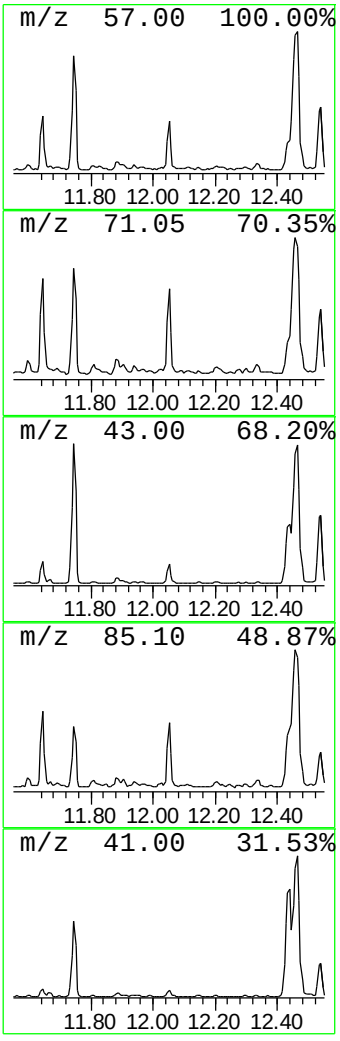
****

Peak Number 12 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.76 ng	215507	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83





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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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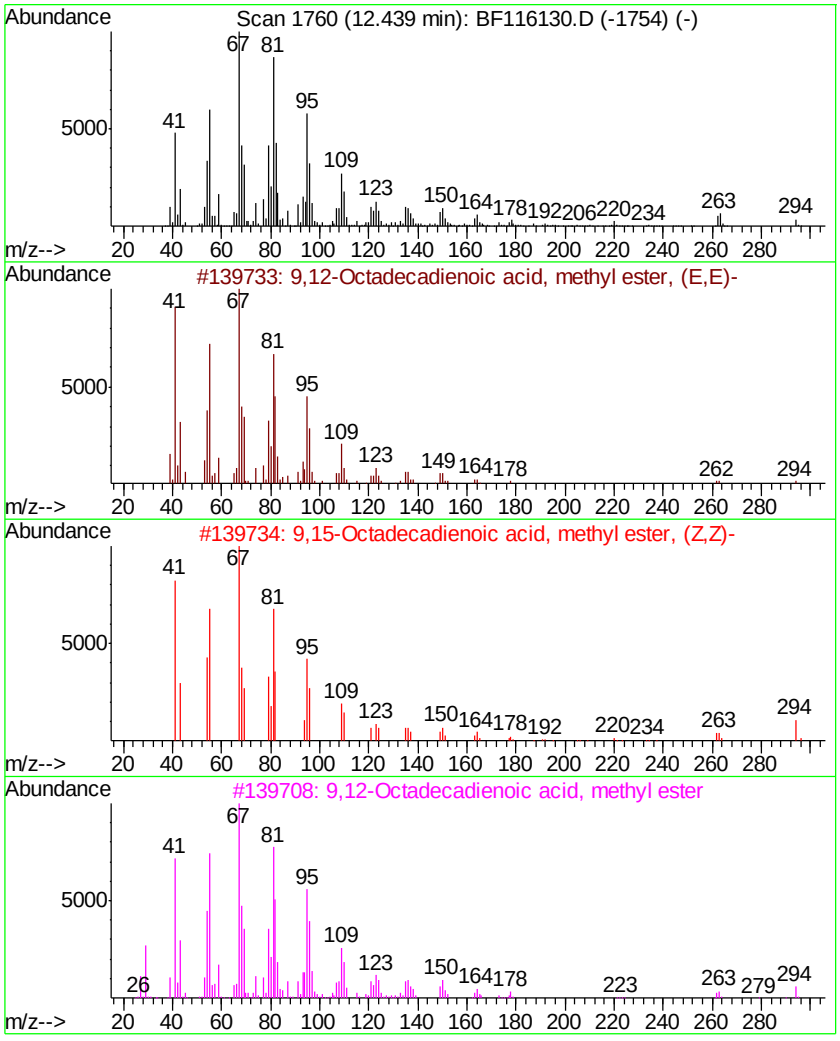
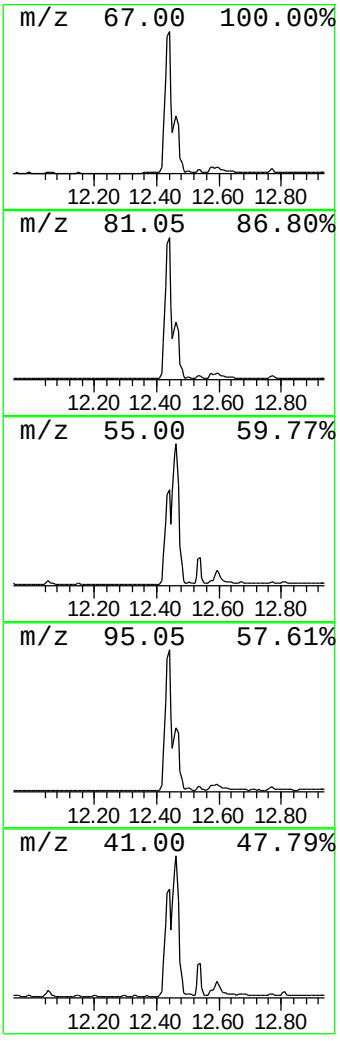
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	136.26 ng	6175220	Phenanthrene-d10	11.36

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, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98





Library Search Compound Report

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Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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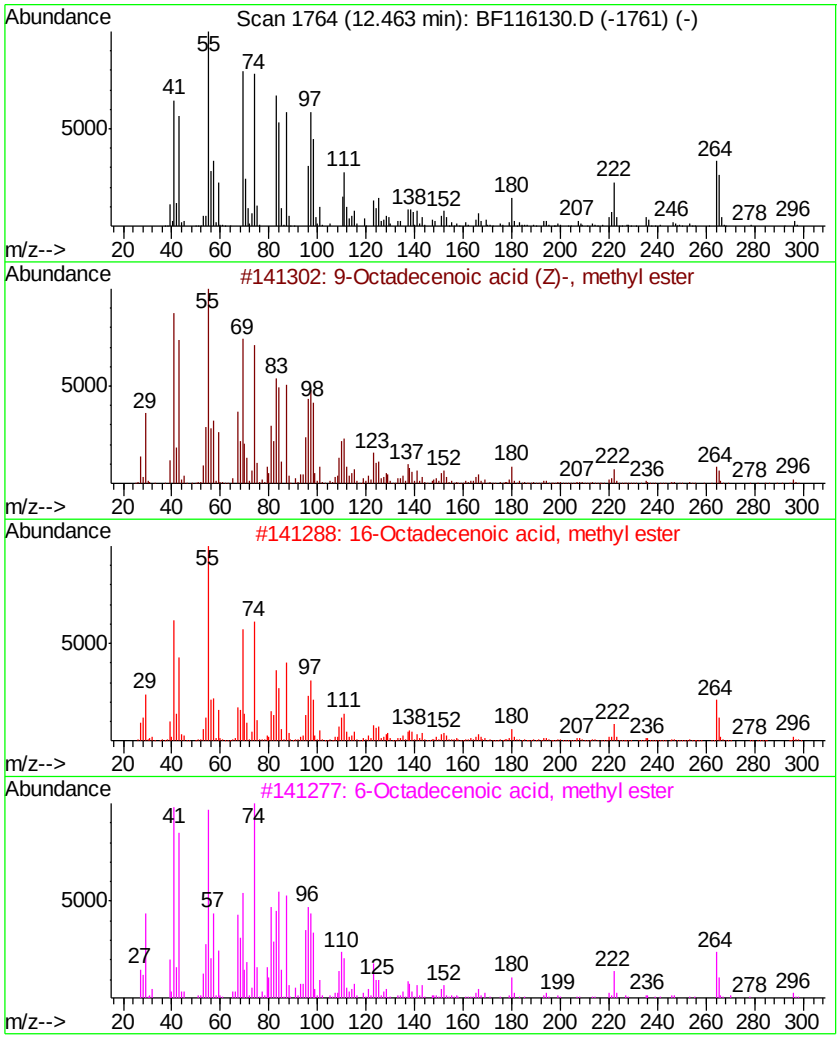
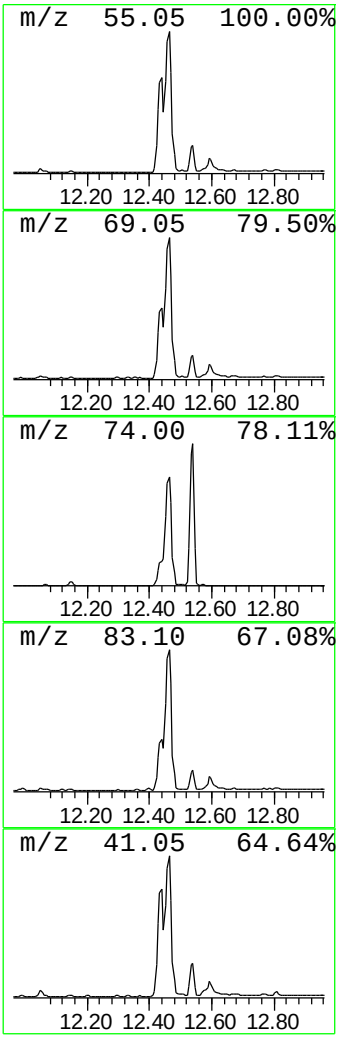
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	169.31 ng	7673280	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	90
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	89
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	86
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	86
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	74





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Sample : K4092-03 10X
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-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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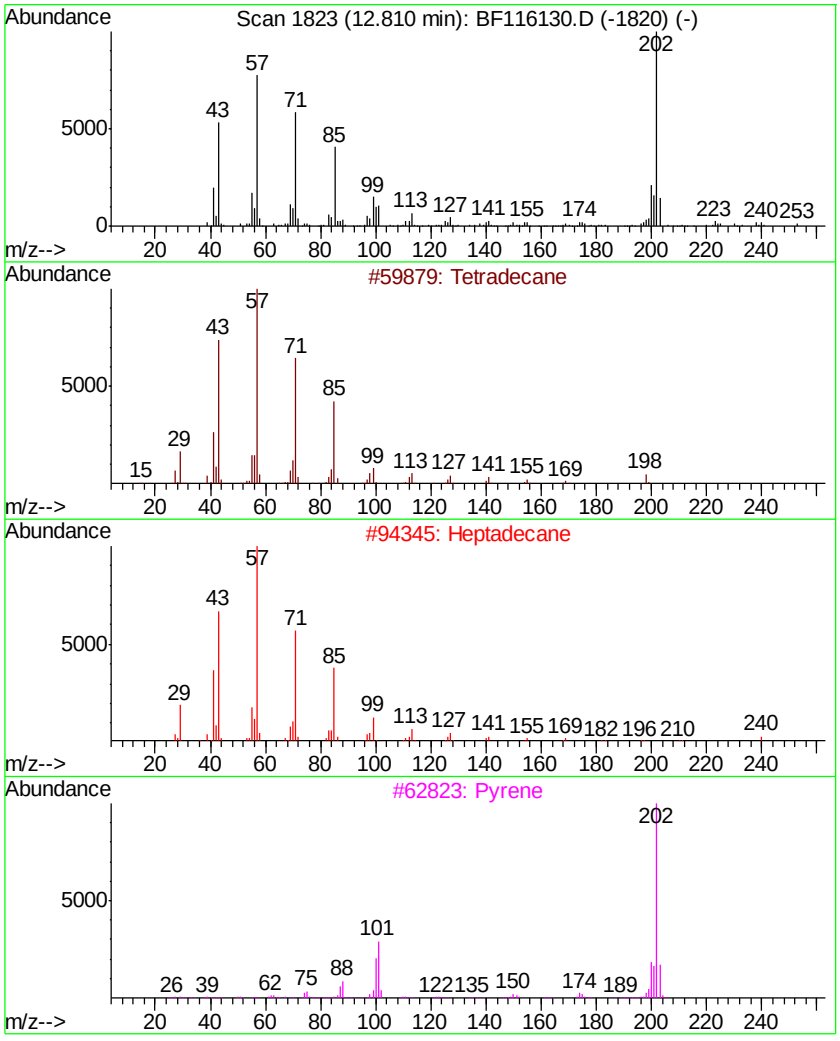
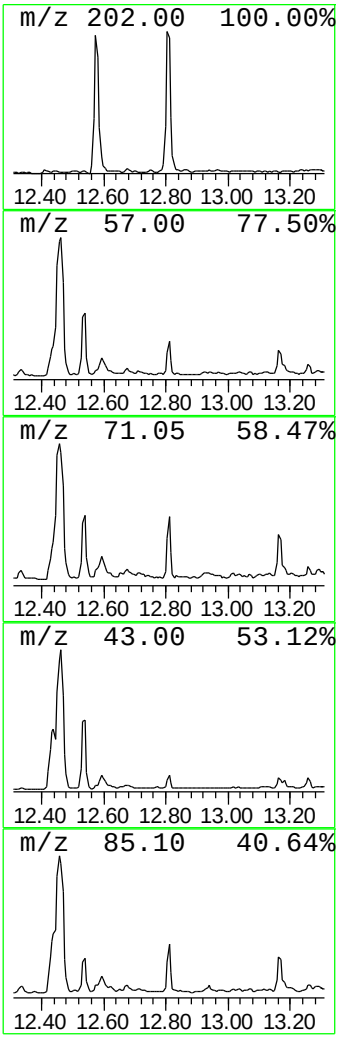
Peak Number 15 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	5.50 ng	270405	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	68
2	Heptadecane	240	C17H36	000629-78-7	56
3	Pyrene	202	C16H10	000129-00-0	55
4	Fluoranthene	202	C16H10	000206-44-0	46
5	Heneicosane	296	C21H44	000629-94-7	38





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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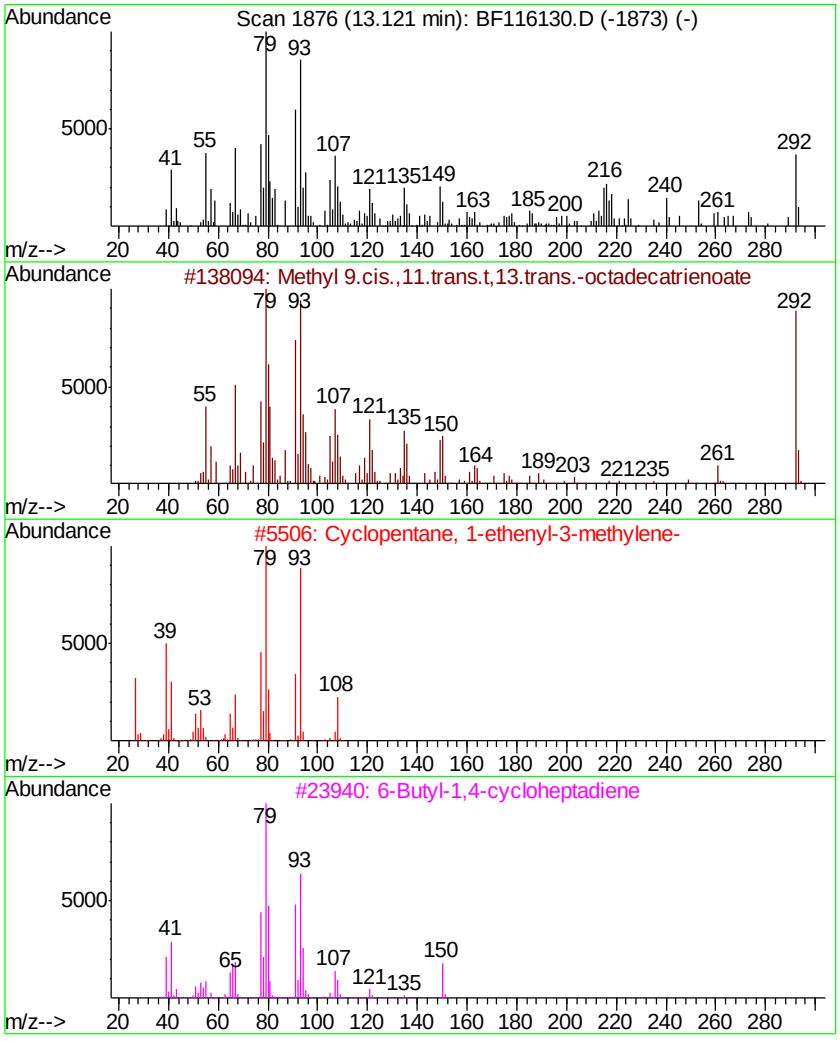
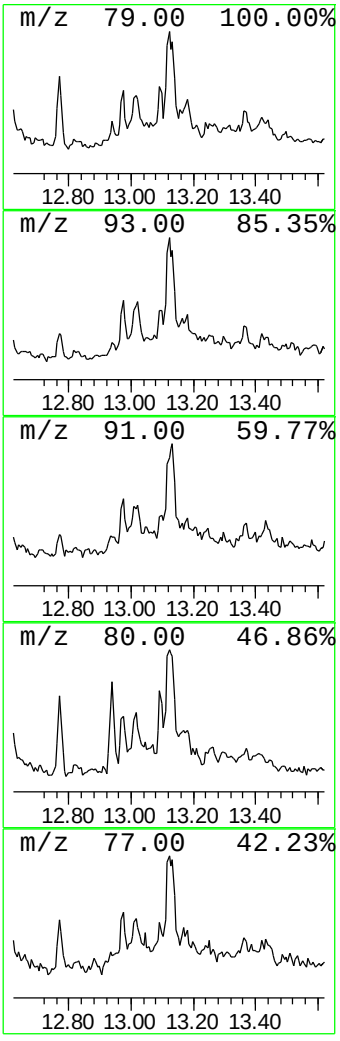
Peak Number 16 unknown13.12 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.90 ng	142467	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	46
2	Cyclopentane, 1-ethenyl-3-methyl...	108	C8H12	029668-63-1	46
3	6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	45
4	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	43
5	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	38





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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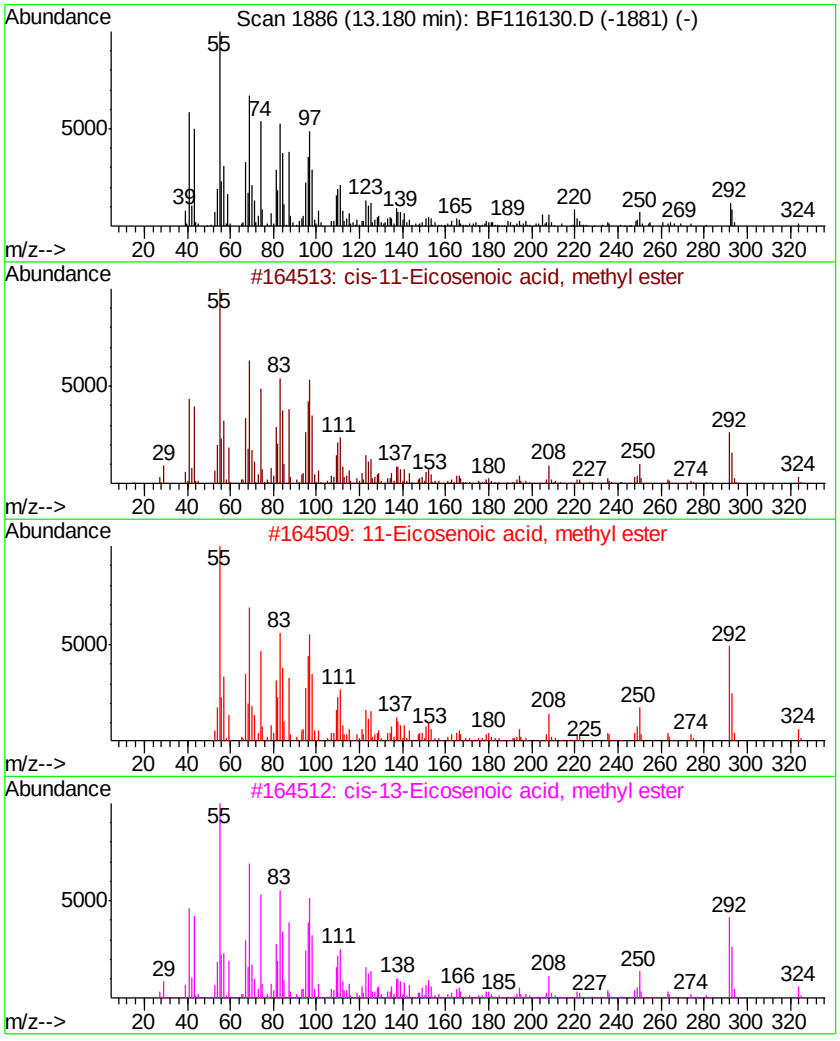
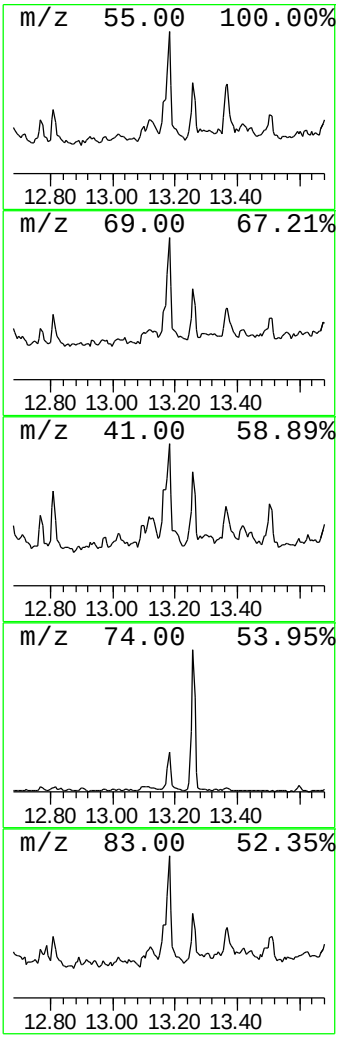
Peak Number 17 cis-11-Eicosenoic acid, met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	6.58 ng	323277	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91





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Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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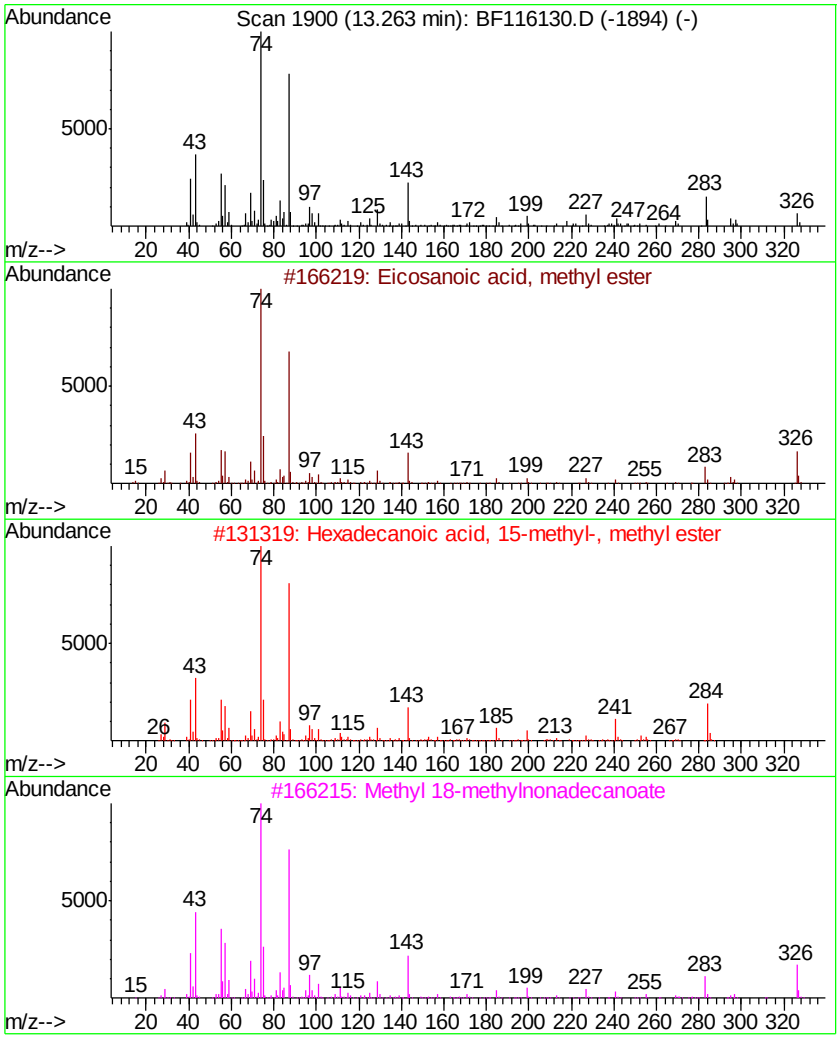
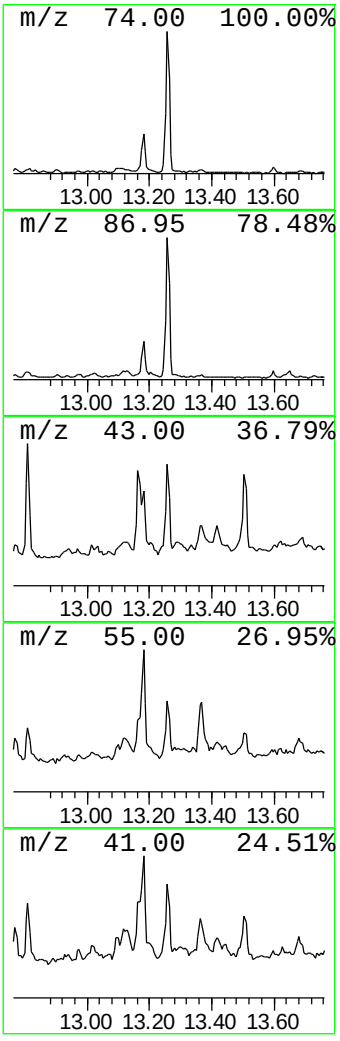
Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.89 ng	240082	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	90
4	Methyl stearate	298	C19H38O2	000112-61-8	87
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	83





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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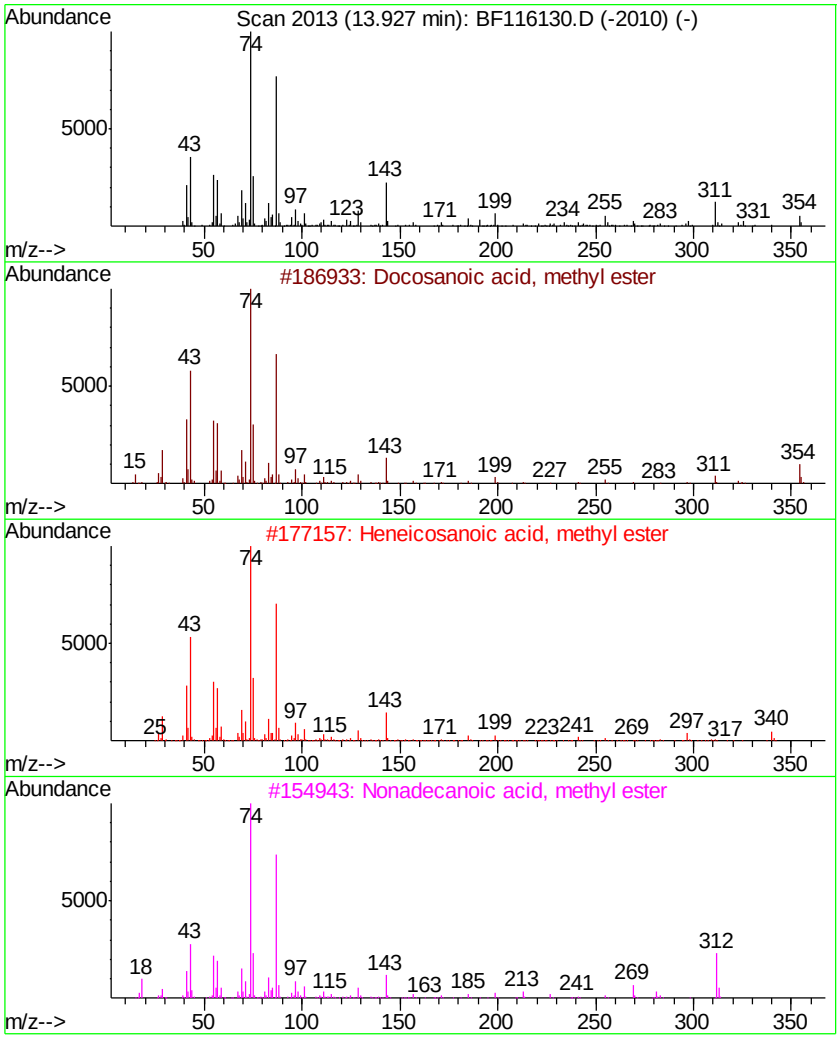
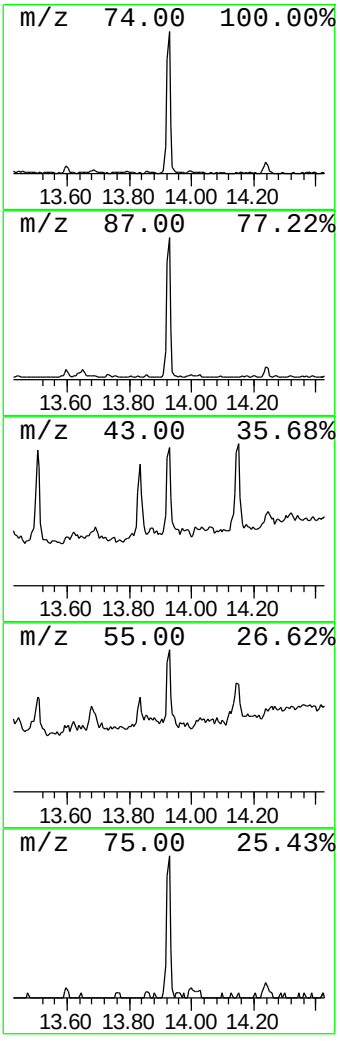
Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	4.03 ng	198256	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	95
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Methyl stearate	298	C19H38O2	000112-61-8	83





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Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

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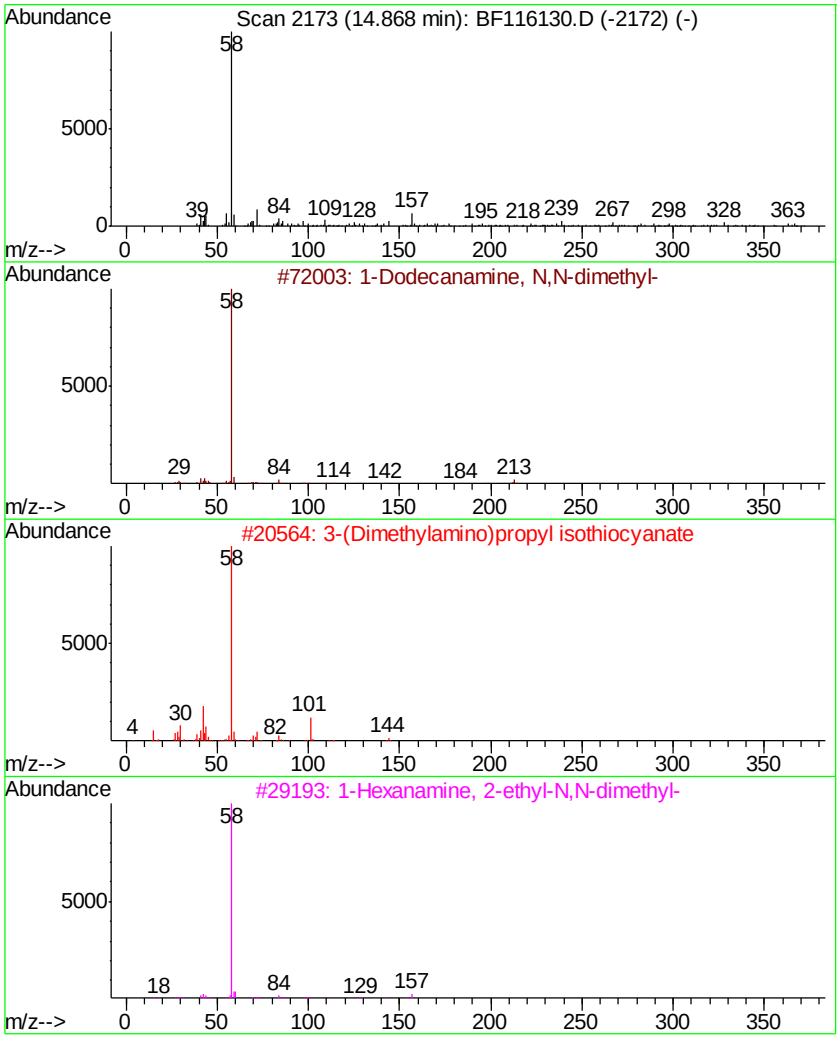
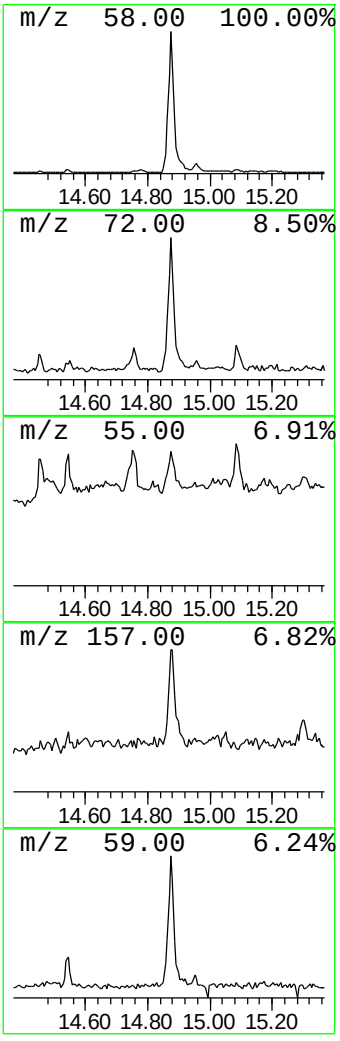
Peak Number 20 1-Dodecanamine, N,N-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.85 ng	180538	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
3	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
4	4-[5-Dimethylamino-2-hydroxy-2-p...	334	C22H26N2O	025791-69-9	59
5	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	59





Tentatively Identified Compound (LSC) summary

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Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4092-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-B

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3,5-Cycloheptat...	3.88	15.3	ng	546945	1	6.84	714730	20.0
unknown6.62	6.62	6.2	ng	219975	1	6.84	714730	20.0
Pentadecane	9.80	2.7	ng	138407	3	9.87	1013730	20.0
Hexadecane	10.30	4.5	ng	227990	3	9.87	1013730	20.0
Dodecane, 4-methyl-	10.77	7.0	ng	319301	4	11.36	906401	20.0
Heptadecane	11.22	4.8	ng	216629	4	11.36	906401	20.0
Hexadecane, 2,6,1...	11.25	3.1	ng	139984	4	11.36	906401	20.0
Nonadecane	11.65	4.3	ng	195522	4	11.36	906401	20.0
Hexadecanoic acid...	11.75	62.3	ng	2820980	4	11.36	906401	20.0
n-Hexadecanoic acid	11.89	3.6	ng	161882	4	11.36	906401	20.0
Tetracosane	12.05	4.8	ng	215507	4	11.36	906401	20.0
9,12-Octadecadien...	12.44	136.3	ng	6175220	4	11.36	906401	20.0
9-Octadecenoic ac...	12.46	169.3	ng	7673280	4	11.36	906401	20.0
Tetradecane	12.81	5.5	ng	270405	5	14.00	982796	20.0
unknown13.12	13.12	2.9	ng	142467	5	14.00	982796	20.0
cis-11-Eicosenoic...	13.18	6.6	ng	323277	5	14.00	982796	20.0
Eicosanoic acid, ...	13.26	4.9	ng	240082	5	14.00	982796	20.0
Docosanoic acid, ...	13.93	4.0	ng	198256	5	14.00	982796	20.0
1-Dodecanamine, N...	14.87	3.9	ng	180538	6	15.47	937538	20.0