LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116070.D
Acq On : 8 Aug 2019 15:46
Operator : HP/JU
Sample : K4148-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-6(159-02)-ELU-20190614

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	5.463	570	574	596	rBV	1675981	1906839	35.29%	5.116%
2	6.469	742	745	765	rBV	1395922	1507276	27.90%	4.044%
3	6.610	765	769	772	rBV	3383184	3100438	57.39%	8.319%
4	6.834	804	807	816	rBV	845450	819728	15.17%	2.199%
5	6.992	830	834	848	rBV	2985774	2826167	52.31%	7.583%
6	7.398	899	903	918	rBV	2157073	2389569	44.23%	6.412%
7	8.116	1022	1025	1045	rVB	1099250	1044539	19.33%	2.803%
8	9.192	1203	1208	1211	rBV	4376305	4196820	77.68%	11.261%
9	9.586	1271	1275	1280	rBV	413712	427029	7.90%	1.146%
10	9.869	1319	1323	1336	rVB	1512942	1301659	24.09%	3.493%
11	10.280	1390	1393	1398	rVB	101661	100135	1.85%	0.269%
12	10.663	1453	1458	1474	rBV	2693678	2824509	52.28%	7.579%
13	11.357	1572	1576	1584	rBV	1544469	1422441	26.33%	3.817%
14	11.733	1634	1640	1644	rBV	307759	277677	5.14%	0.745%
15	11.880	1661	1665	1672	rBV2	319769	412624	7.64%	1.107%
16	12.210	1718	1721	1727	rVB	170053	160083	2.96%	0.430%
17	12.663	1793	1798	1811	rBV	264656	414958	7.68%	1.113%
18	12.945	1840	1846	1849	rBV	4862442	5402795	100.00%	14.497%
19	13.833	1993	1997	2015	rBV	317247	614090	11.37%	1.648%
20	13.962	2016	2019	2021	rVV	72353	73465	1.36%	0.197%
21	13.998	2021	2025	2038	rVB	1520159	1544091	28.58%	4.143%
22	14.145	2046	2050	2054	rBV	145043	140131	2.59%	0.376%
23	14.451	2098	2102	2106	rBV	348508	319633	5.92%	0.858%
24	14.757	2148	2154	2158	rBV	474346	521769	9.66%	1.400%
25	14.827	2162	2166	2171	rVB	89846	89820	1.66%	0.241%
26	15.086	2205	2210	2215	rBV	545771	612718	11.34%	1.644%
27	15.456	2268	2273	2291	rBV2	1322693	1921468	35.56%	5.156%
28	15.886	2340	2346	2353	rBV	320115	493582	9.14%	1.324%
29	16.380	2423	2430	2438	rBV	160471	288205	5.33%	0.773%
30	16.956	2521	2528	2537	rBV	51887	114902	2.13%	0.308%

Sum of corrected areas: 37269160

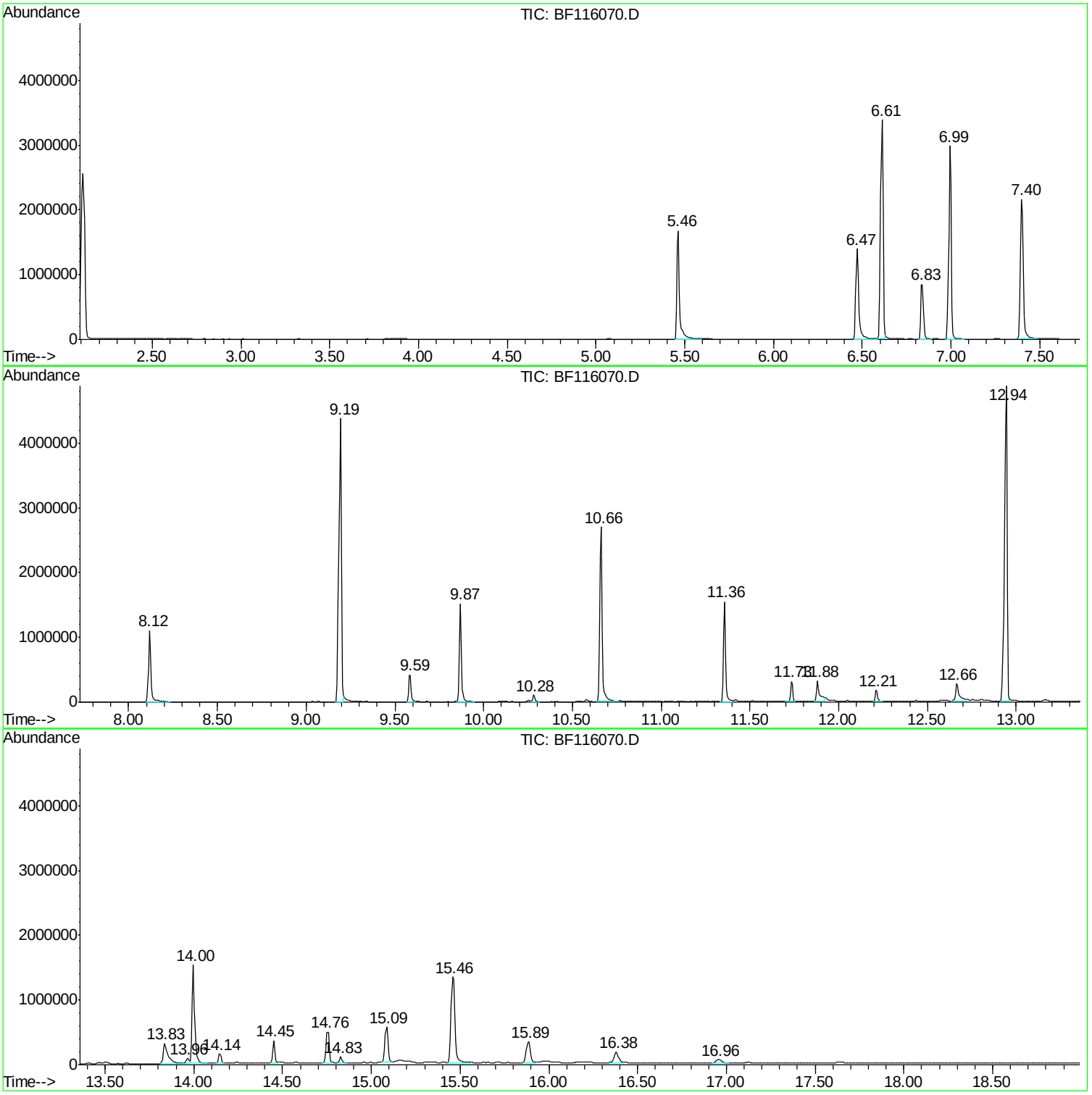
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116070.D
Acq On : 8 Aug 2019 15:46
Operator : HP/JU
Sample : K4148-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-BH-6(159-02)-ELU-20190614

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\BF080819\
Data File : BF116070.D
Acq On : 8 Aug 2019 15:46
Operator : HP/JU
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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

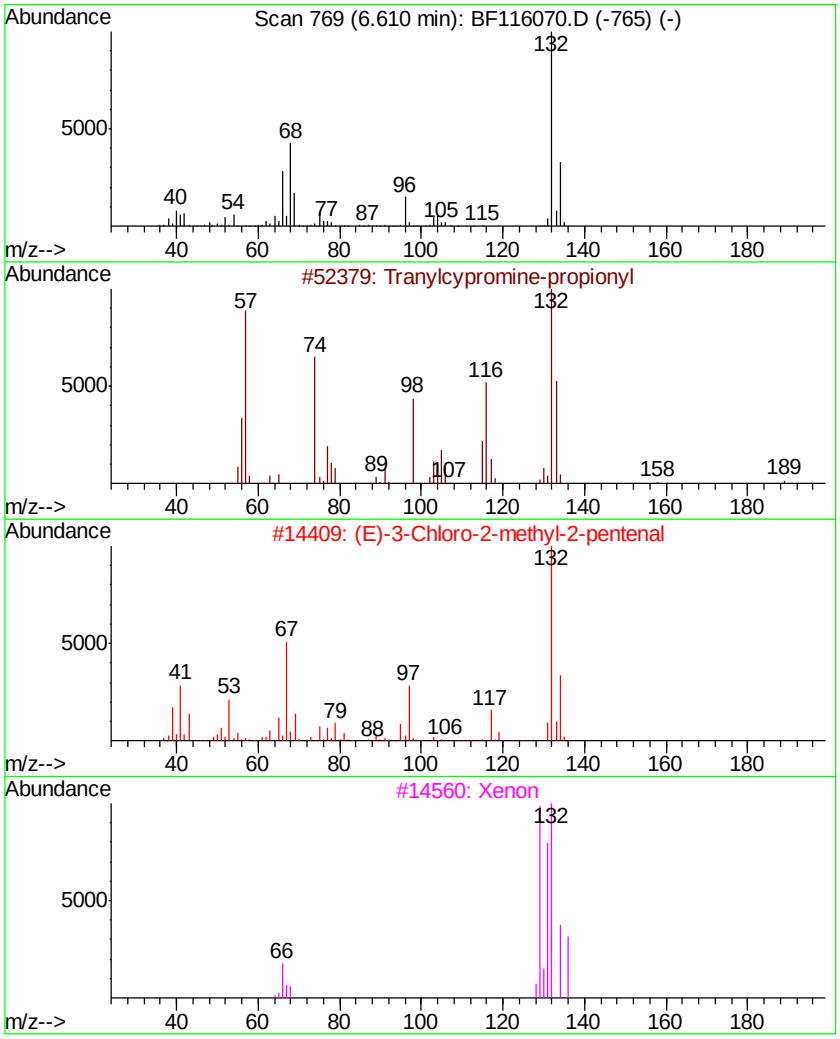
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

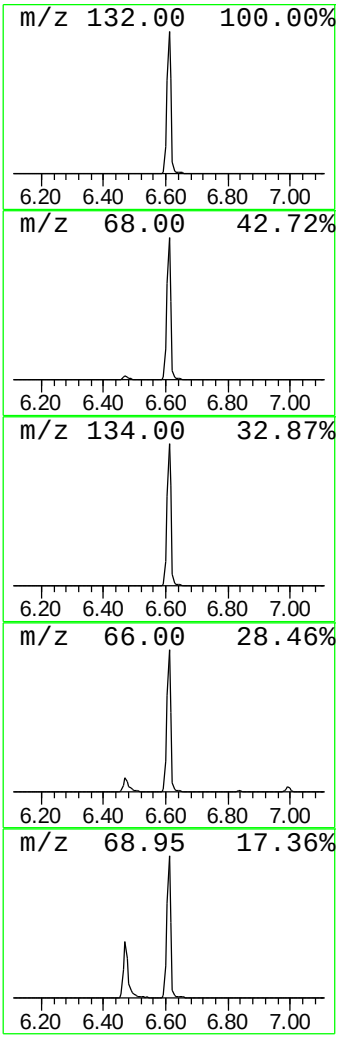
****

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	75.65 ng	3100440	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Data File : BF116070.D
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Operator : HP/JU
Sample : K4148-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-6(159-02)-ELU-20190614

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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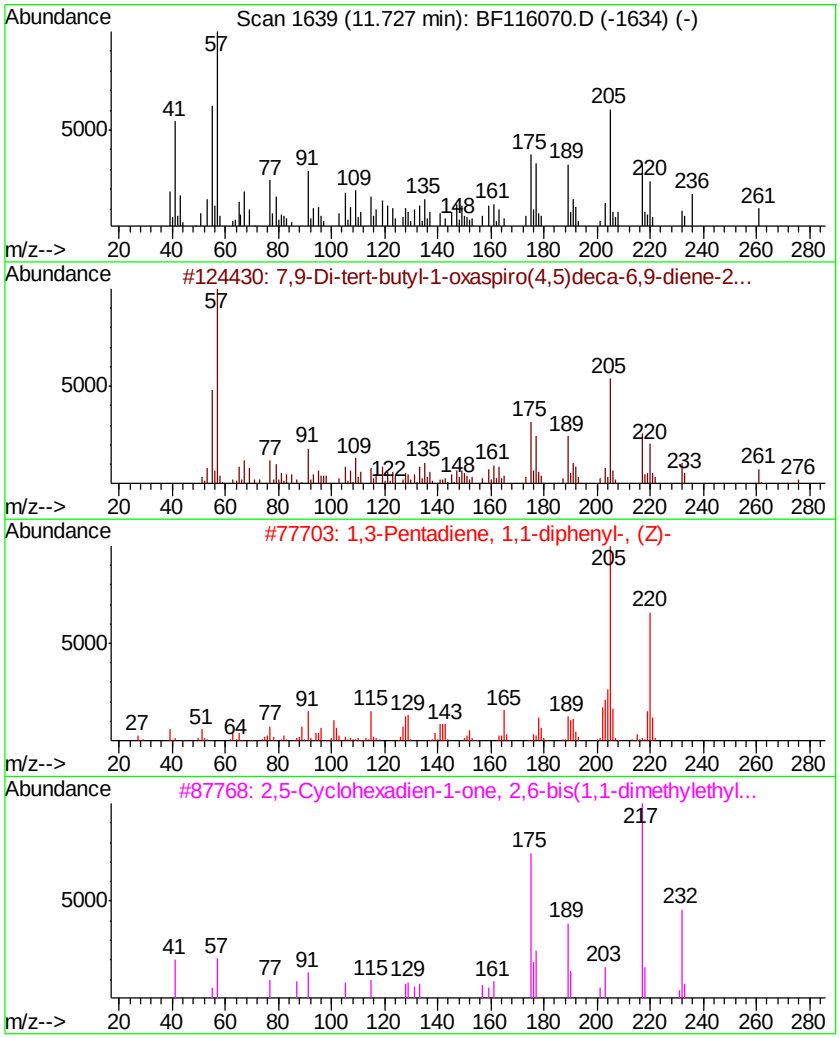
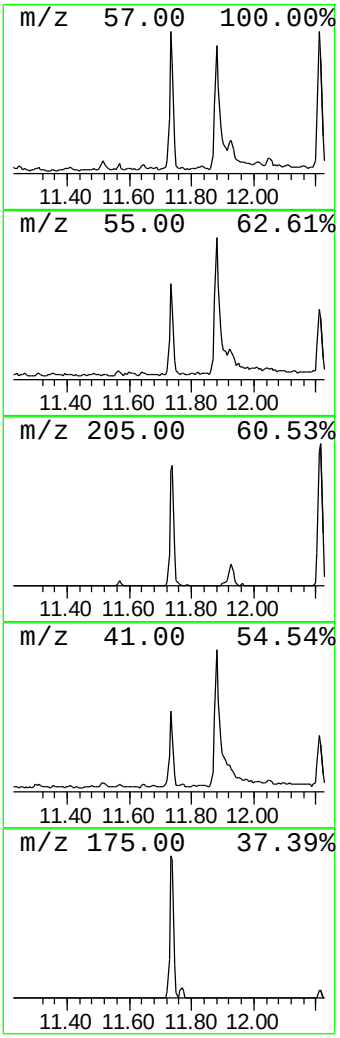
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.90 ng	277677	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	55
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49
4	3H-Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	46
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45





Library Search Compound Report

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Data File : BF116070.D
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Sample : K4148-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-BH-6(159-02)-ELU-20190614

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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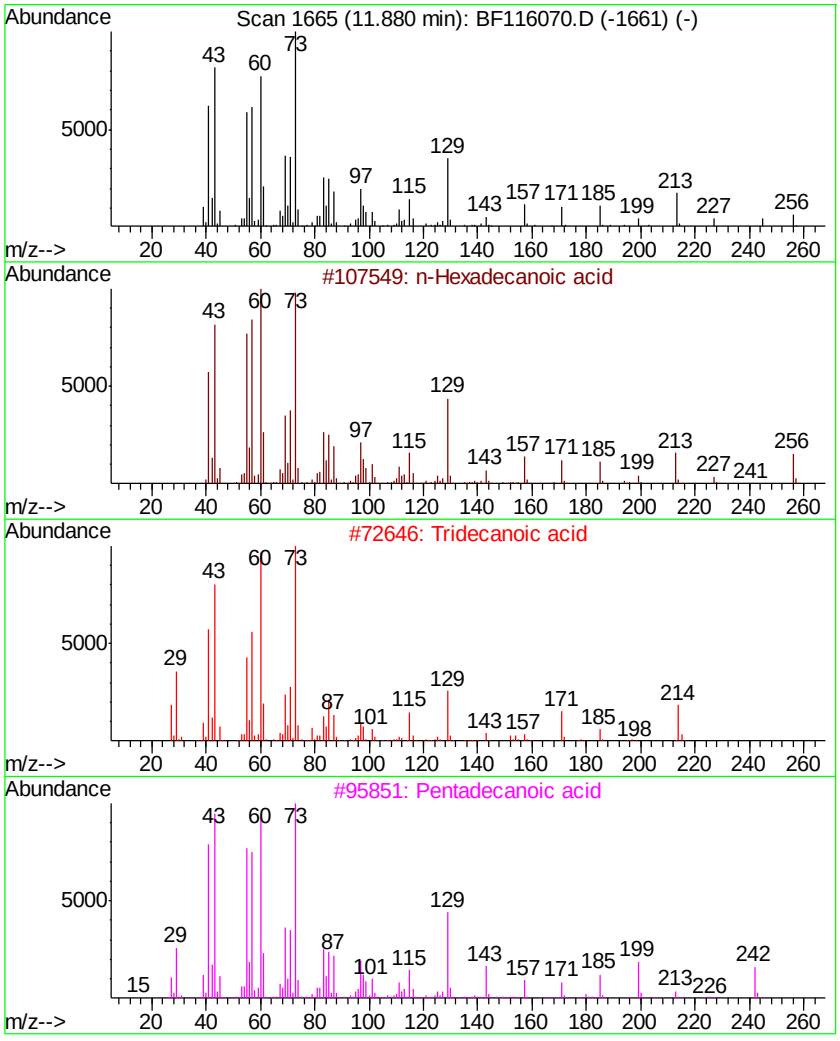
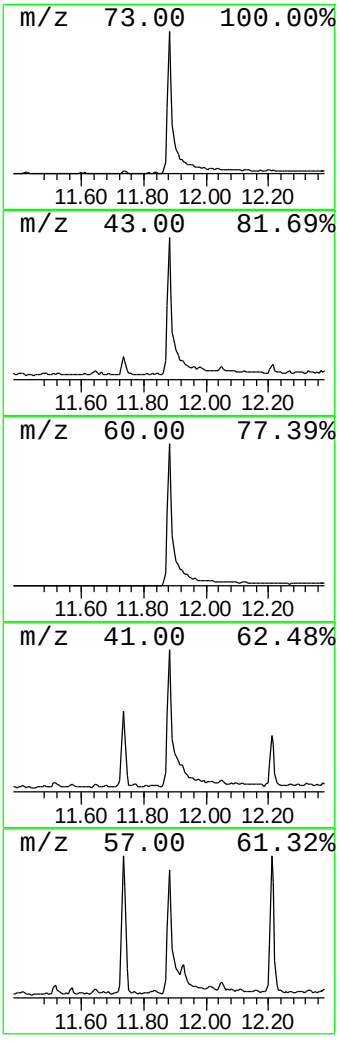
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.80 ng	412624	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116070.D
Acq On : 8 Aug 2019 15:46
Operator : HP/JU
Sample : K4148-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-6(159-02)-ELU-20190614

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

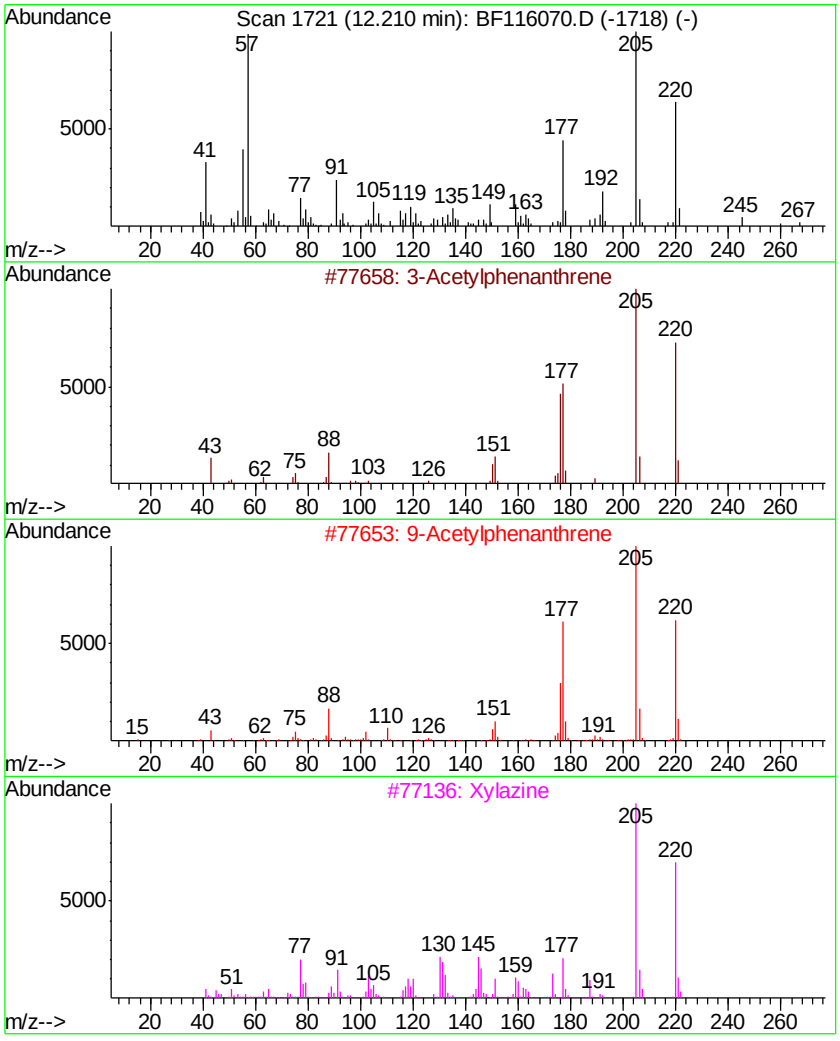
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

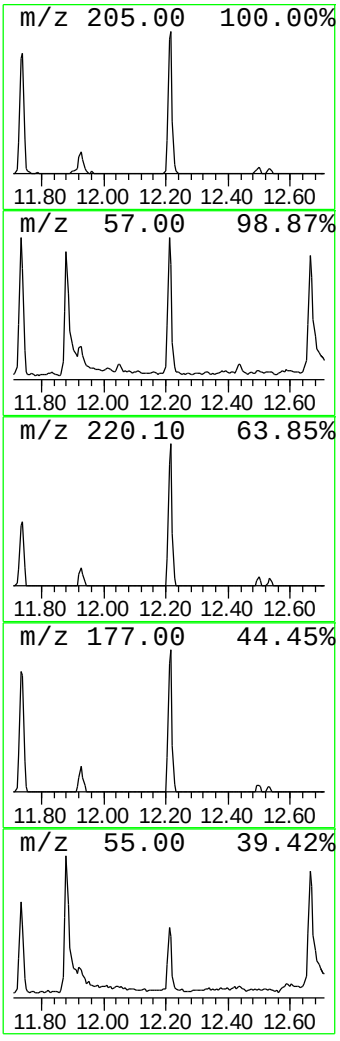
****

Peak Number 5 3-Acetylphenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.25 ng	160083	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetylphenanthrene	220	C16H12O	002039-76-1	74
2	9-Acetylphenanthrene	220	C16H12O	002039-77-2	74
3	Xylazine	220	C12H16N2S	007361-61-7	53
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	53
5	Phenol, 2,6-bis(1,1-dimethylethy...	277	C17H27NO2	001918-11-2	50





Library Search Compound Report

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Operator : HP/JU
Sample : K4148-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-BH-6(159-02)-ELU-20190614

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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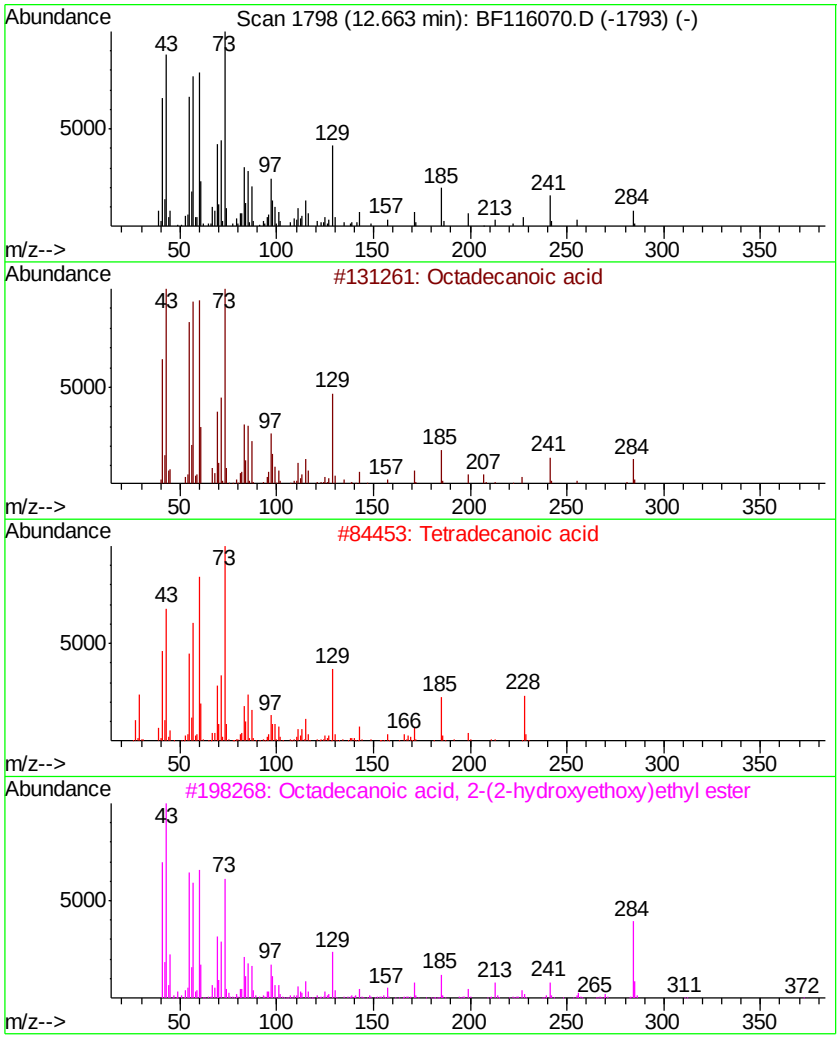
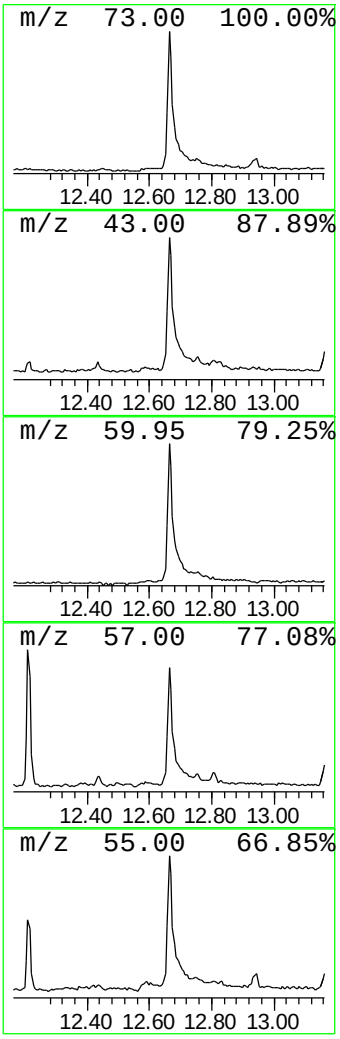
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	5.83 ng	414958	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70





Library Search Compound Report

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Sample : K4148-07
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

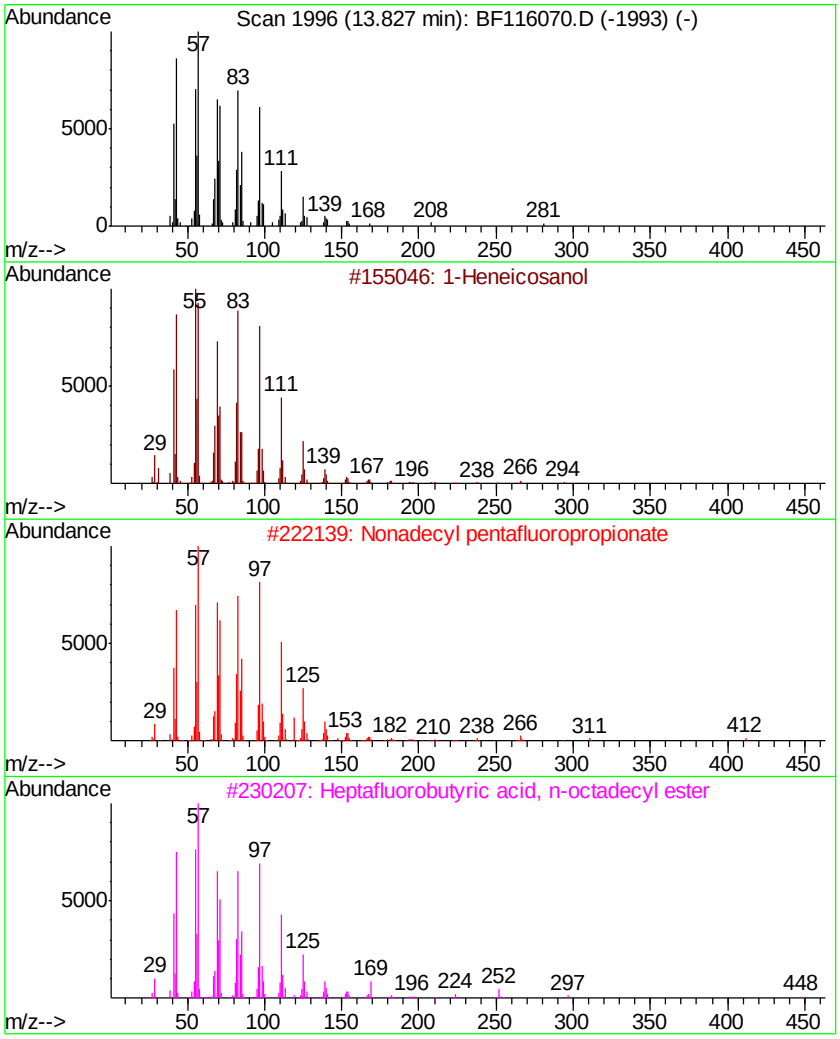
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

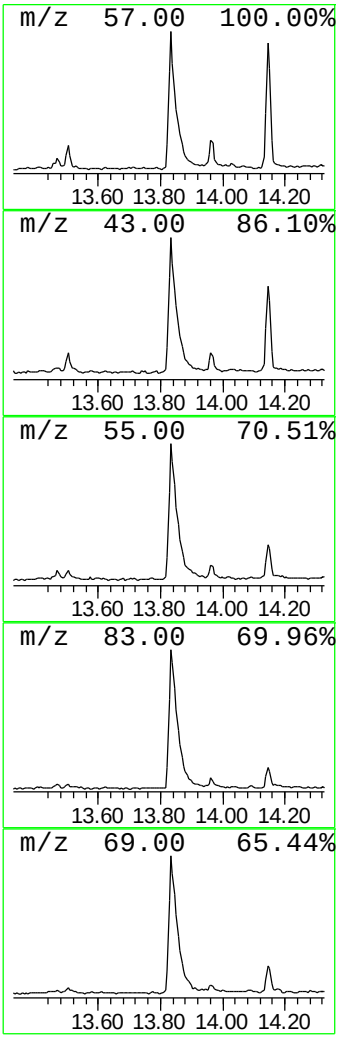
****

Peak Number 7 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.95 ng	614090	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116070.D
Acq On : 8 Aug 2019 15:46
Operator : HP/JU
Sample : K4148-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-6(159-02)-ELU-20190614

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

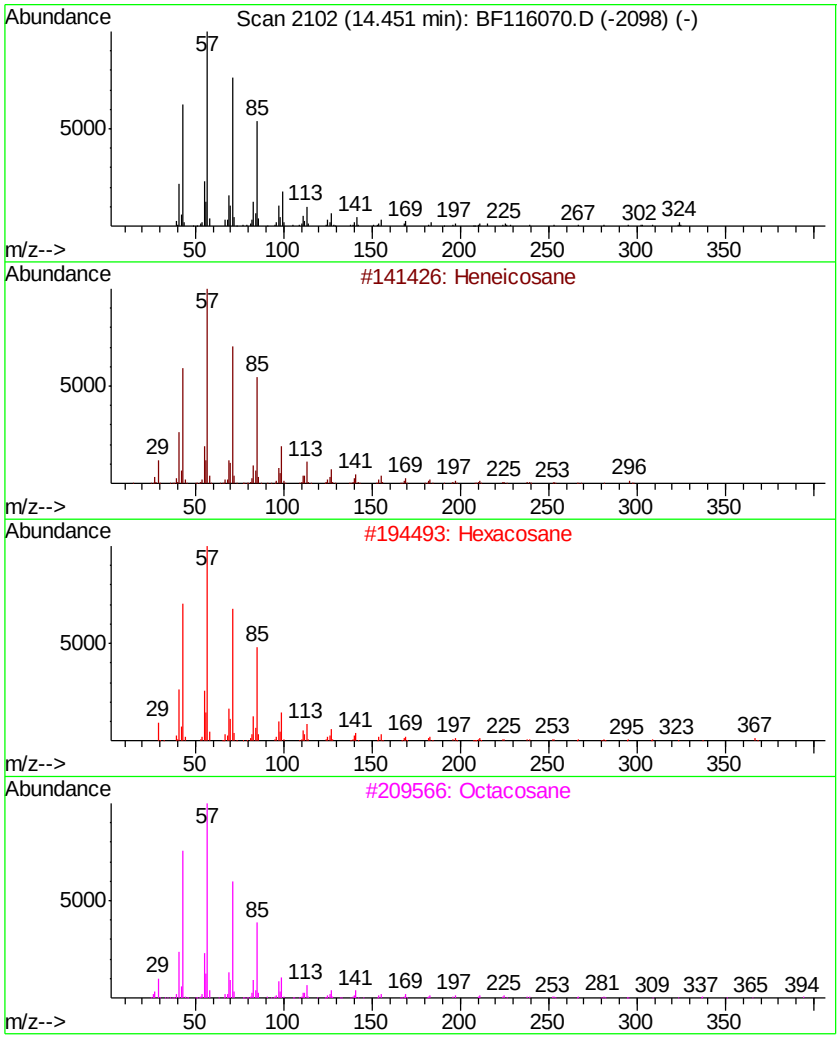
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

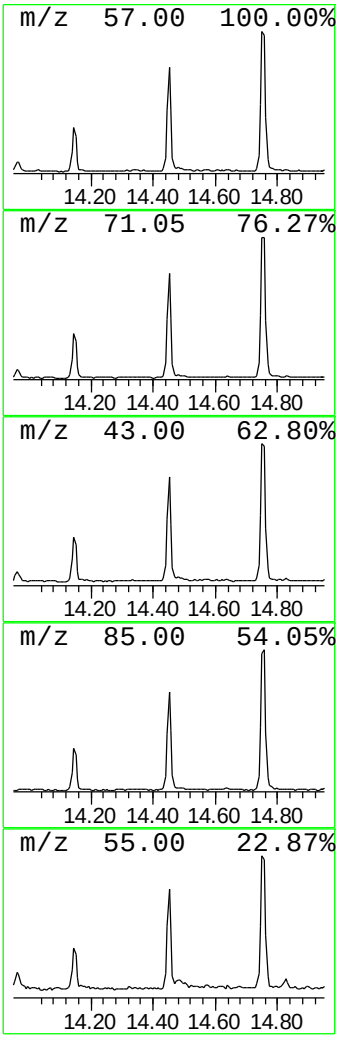
****

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.14 ng	319633	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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Misc :
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Instrument : BNA_F
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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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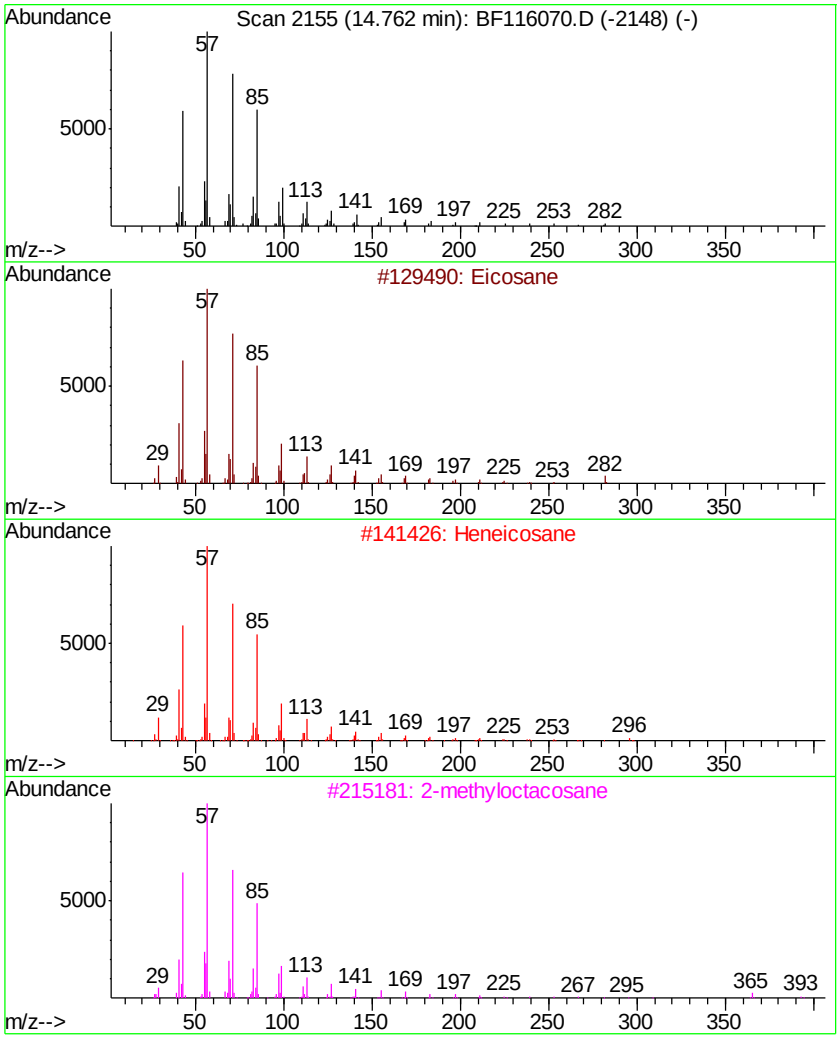
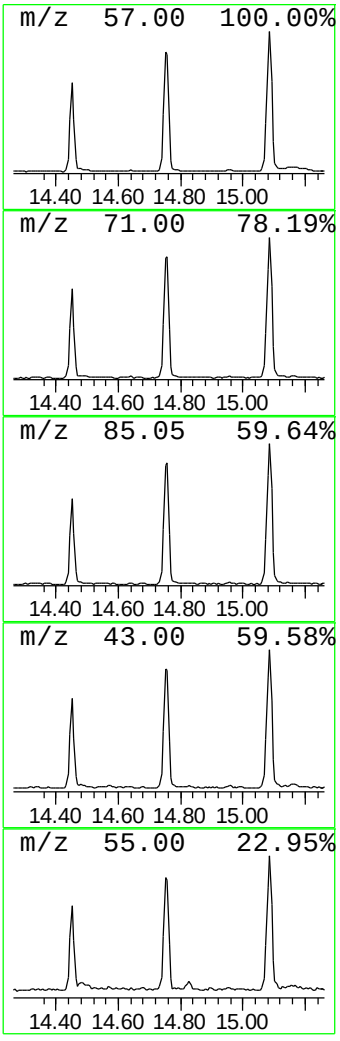
Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.43 ng	521769	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080819\
Data File : BF116070.D
Acq On : 8 Aug 2019 15:46
Operator : HP/JU
Sample : K4148-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-BH-6(159-02)-ELU-20190614

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
unknown6.61	6.61	75.7	ng	3100440	1	6.84	819728	20.0
7,9-Di-tert-butyl...	11.73	3.9	ng	277677	4	11.36	1422440	20.0
n-Hexadecanoic acid	11.88	5.8	ng	412624	4	11.36	1422440	20.0
3-Acetylphenanthrene	12.21	2.3	ng	160083	4	11.36	1422440	20.0
Octadecanoic acid	12.66	5.8	ng	414958	4	11.36	1422440	20.0
1-Heneicosanol	13.83	8.0	ng	614090	5	14.00	1544090	20.0
Heneicosane	14.45	4.1	ng	319633	5	14.00	1544090	20.0
Eicosane	14.76	5.4	ng	521769	6	15.46	1921470	20.0