LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117034.D
Acq On : 13 Sep 2019 20:39
Operator : HP/JU
Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-A

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	5.440	566	570	584	rBV	868370	845992	34.69%	5.250%
2	6.451	738	742	754	rBV	564523	602552	24.71%	3.740%
3	6.592	762	766	769	rBV	1988347	1705760	69.95%	10.586%
4	6.822	801	805	814	rBV	453151	385893	15.83%	2.395%
5	6.981	828	832	835	rBV	1807071	1576767	64.66%	9.786%
6	7.381	895	900	918	rBV	1218847	1313063	53.85%	8.149%
7	8.104	1019	1023	1045	rBV	412873	494708	20.29%	3.070%
8	9.175	1201	1205	1208	rBV	2872179	2387962	97.93%	14.820%
9	9.563	1268	1271	1281	rBV	148414	154602	6.34%	0.959%
10	9.851	1316	1320	1335	rBV	654661	586887	24.07%	3.642%
11	10.492	1426	1429	1436	rBV	46446	52098	2.14%	0.323%
12	10.639	1449	1454	1460	rBV	1573786	1445941	59.30%	8.974%
13	10.692	1460	1463	1481	rVB	120811	214182	8.78%	1.329%
14	11.333	1568	1572	1584	rBV	617960	577979	23.70%	3.587%
15	11.857	1658	1661	1670	rBV2	79539	90191	3.70%	0.560%
16	12.639	1789	1794	1804	rBV	41691	54481	2.23%	0.338%
17	12.916	1836	1841	1844	rBV	2712523	2438373	100.00%	15.133%
18	13.821	1990	1995	2008	rBV5	29794	80579	3.30%	0.500%
19	13.963	2015	2019	2031	rVB	422312	488589	20.04%	3.032%
20	14.727	2145	2149	2153	rBV	41968	41045	1.68%	0.255%
21	15.057	2201	2205	2210	rBV	47979	53579	2.20%	0.333%
22	15.410	2260	2265	2277	rVB	257401	421909	17.30%	2.618%
23	15.845	2334	2339	2346	rVB2	40210	56615	2.32%	0.351%
24	16.333	2416	2422	2428	rBV2	22501	43231	1.77%	0.268%

Sum of corrected areas: 16112978

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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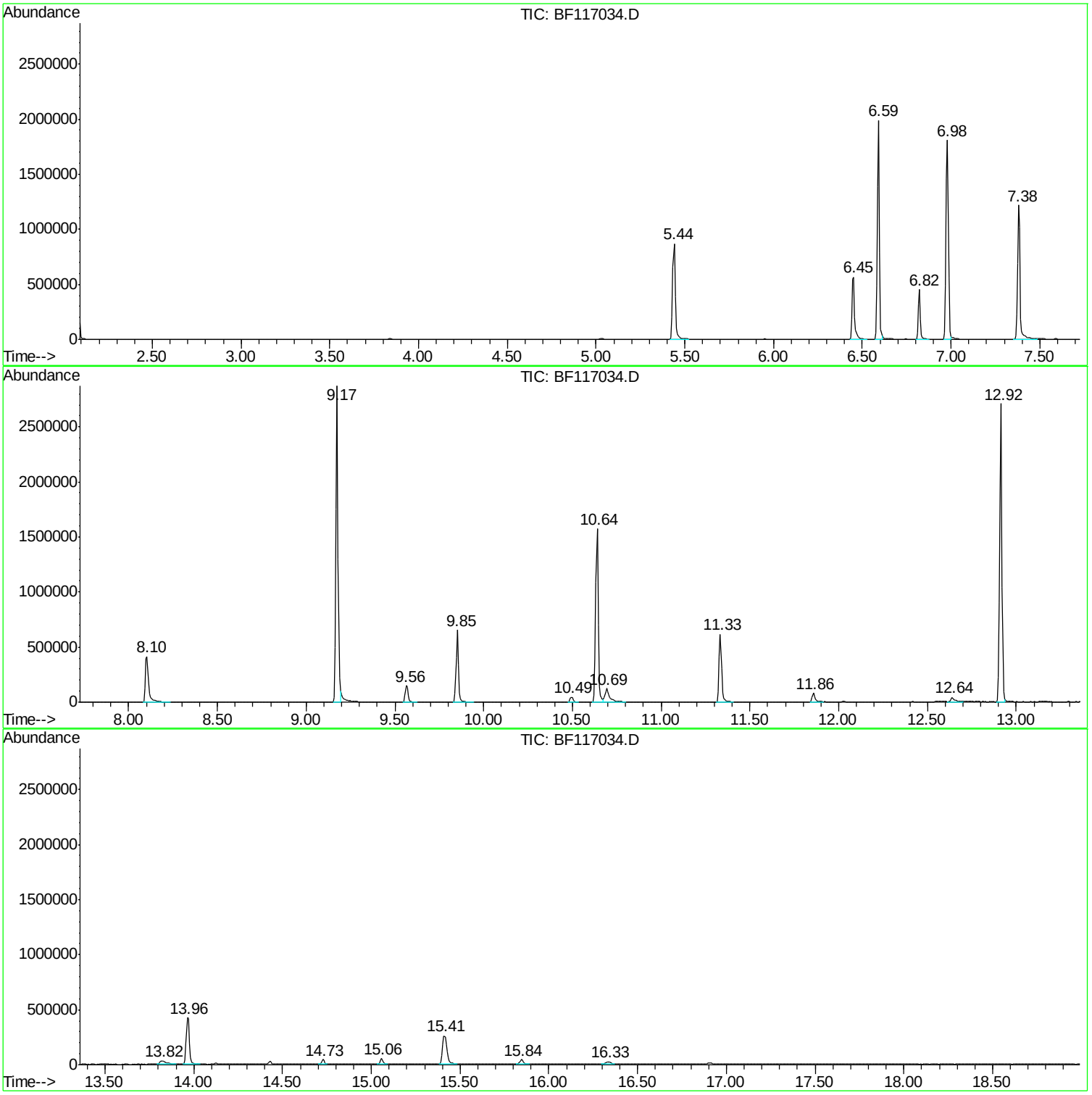
Acq On : 13 Sep 2019 20:39
Operator : HP/JU
Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-A

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\BF091319\
Data File : BF117034.D
Acq On : 13 Sep 2019 20:39
Operator : HP/JU
Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-A

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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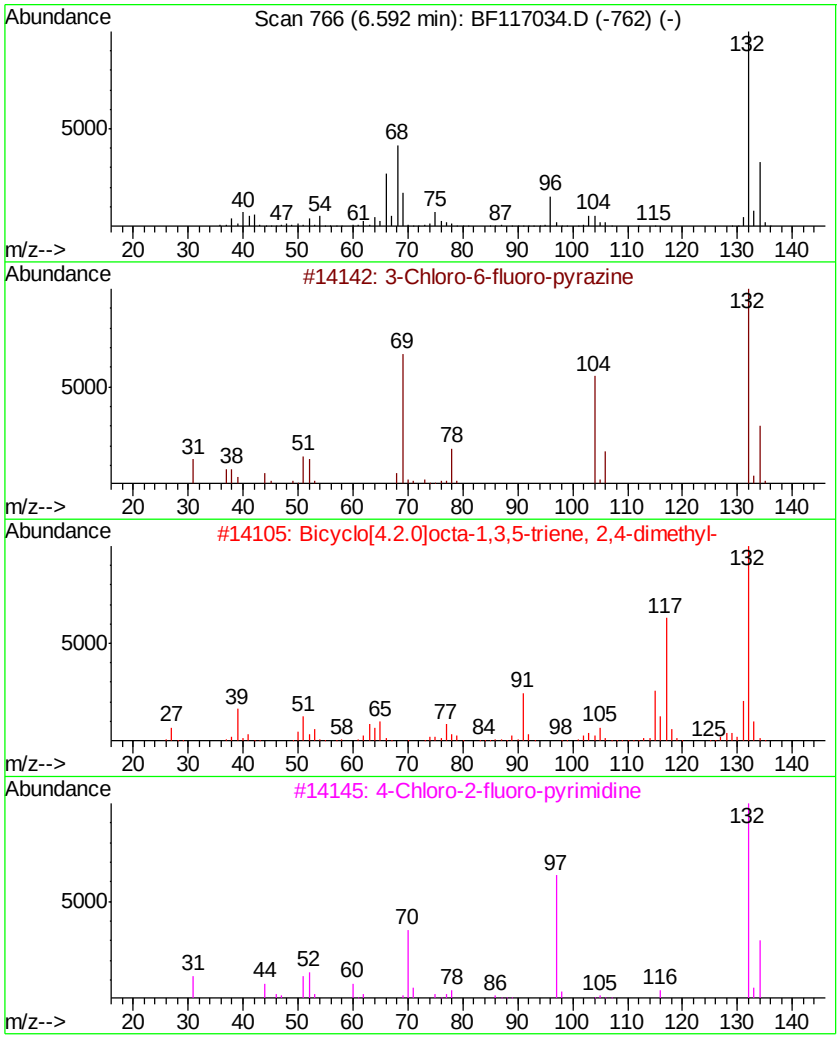
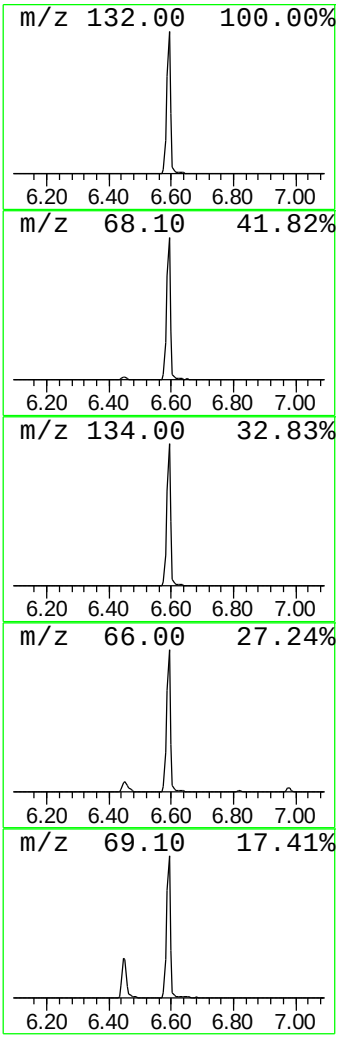
Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	88.41 ng	1705760	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117034.D
Acq On : 13 Sep 2019 20:39
Operator : HP/JU
Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-A

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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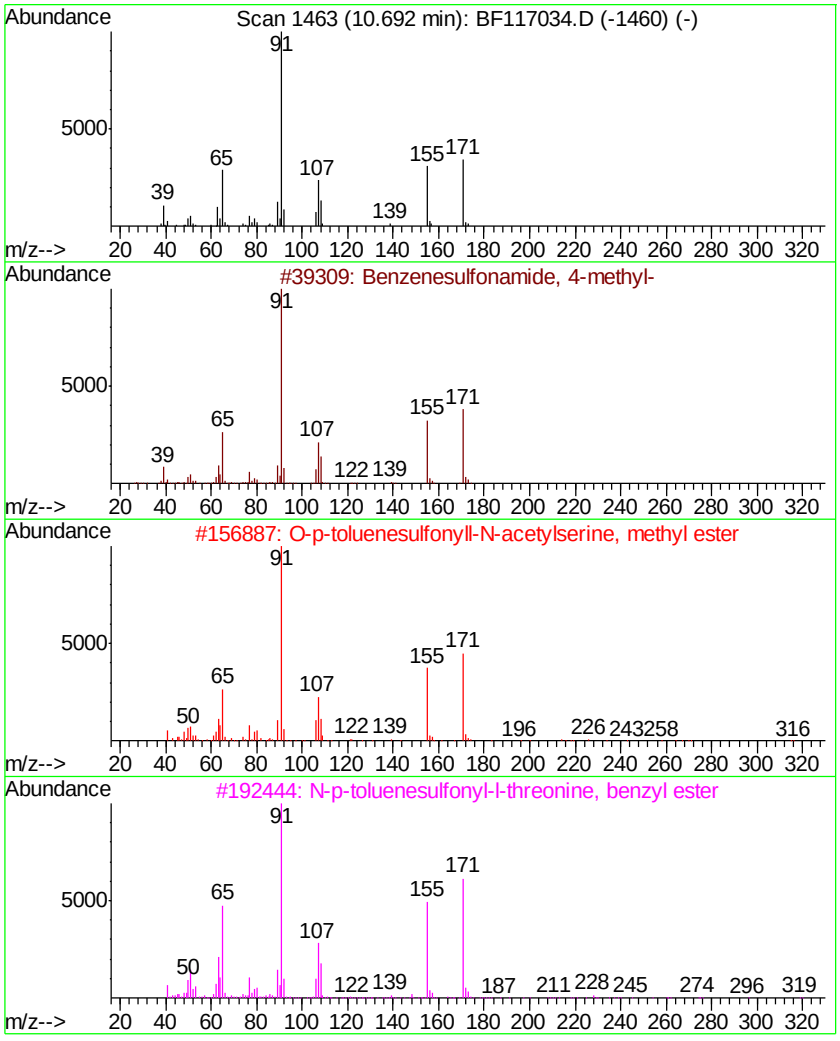
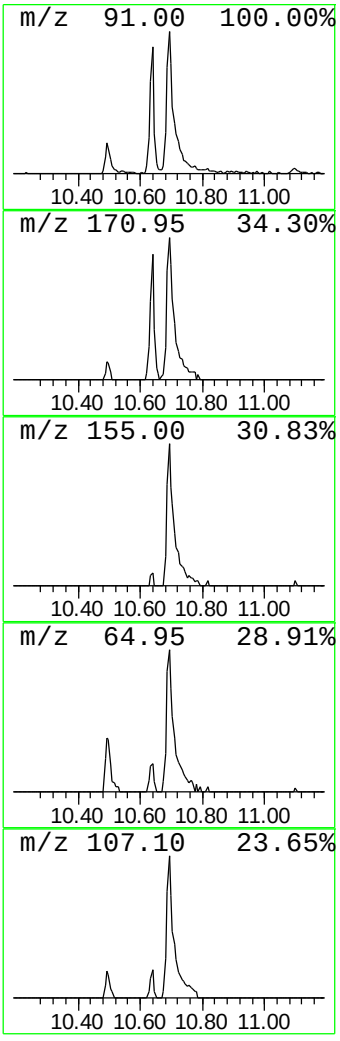
Peak Number 3 Benzenesulfonamide, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	7.41 ng	214182	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	96
2	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	83
3	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	64
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
5	Benzenemethanesulfonamide	171	C7H9NO2S	004563-33-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117034.D
Acq On : 13 Sep 2019 20:39
Operator : HP/JU
Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-A

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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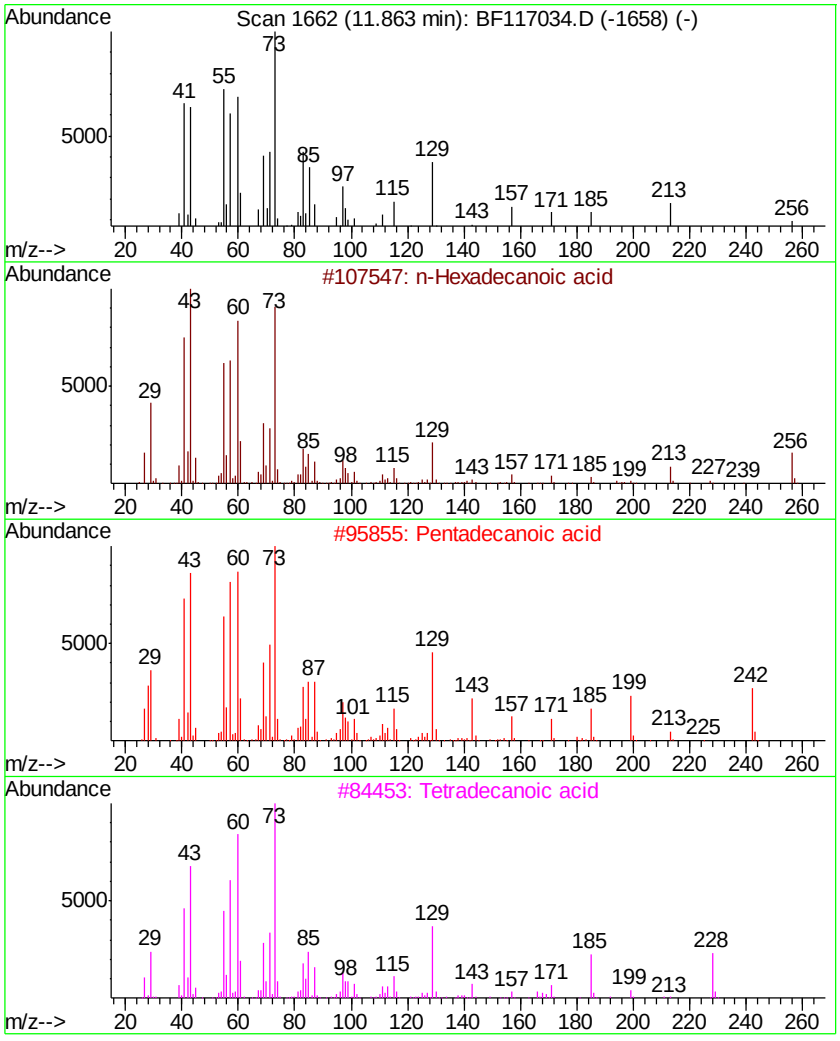
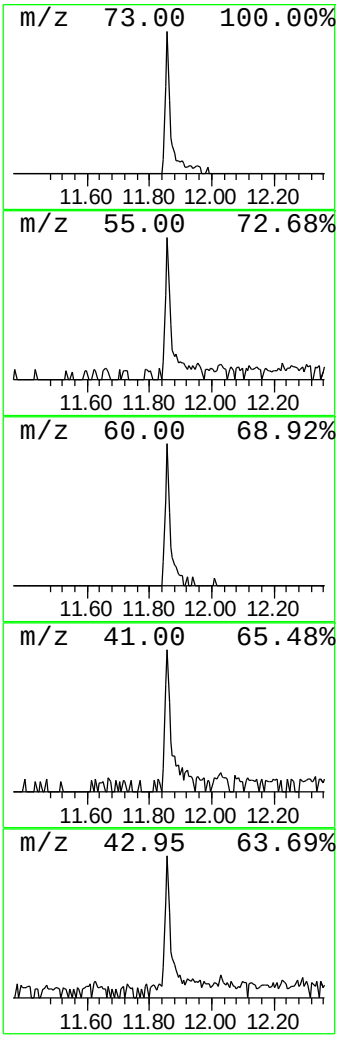
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.12 ng	90191	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	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117034.D
Acq On : 13 Sep 2019 20:39
Operator : HP/JU
Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-A

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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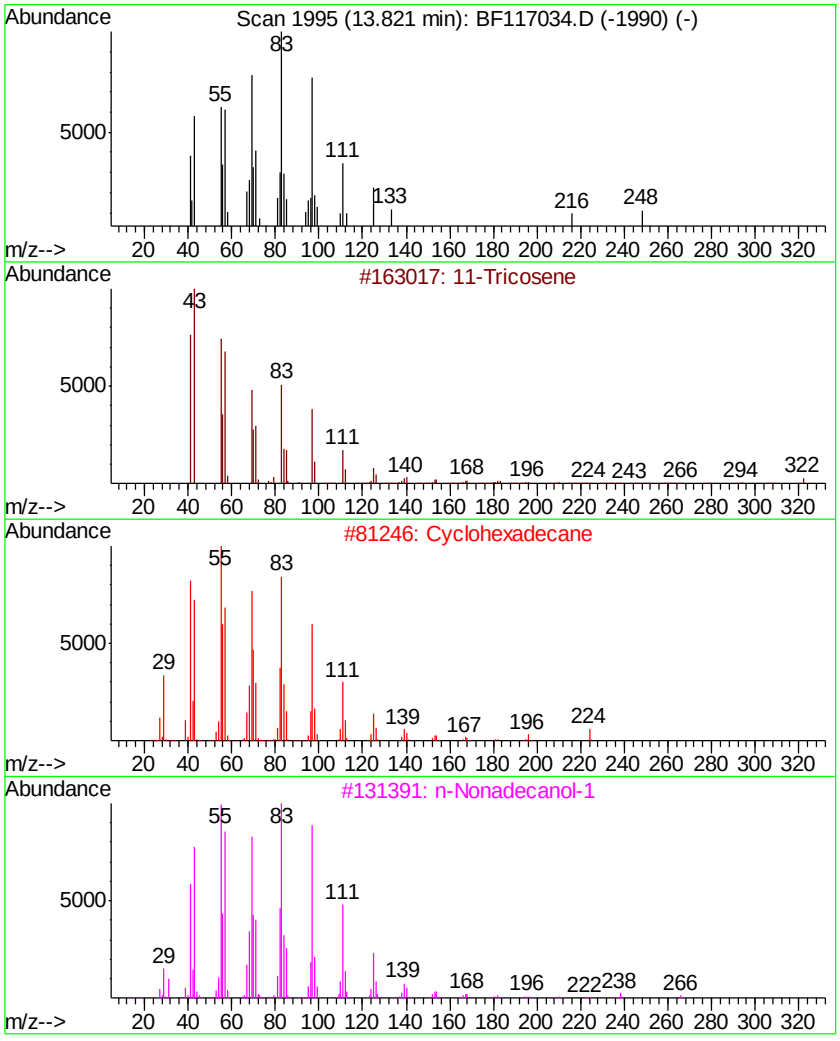
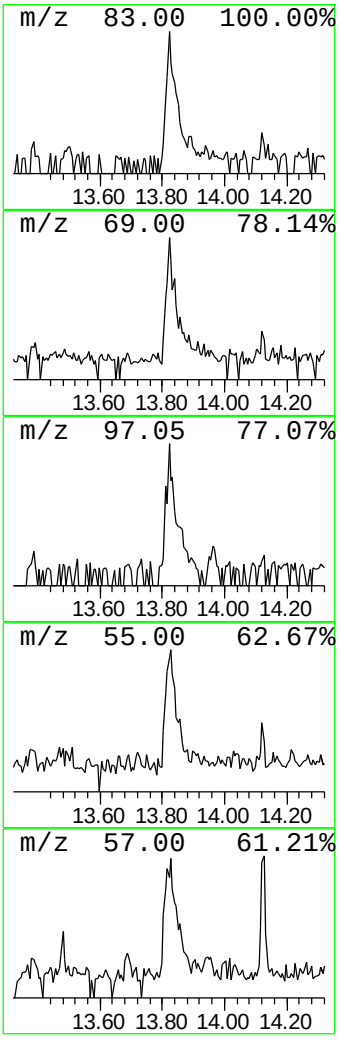
Peak Number 5 11-Tricosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.30 ng	80579	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	87
2	Cyclohexadecane	224	C16H32	000295-65-8	72
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	70
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117034.D
Acq On : 13 Sep 2019 20:39
Operator : HP/JU
Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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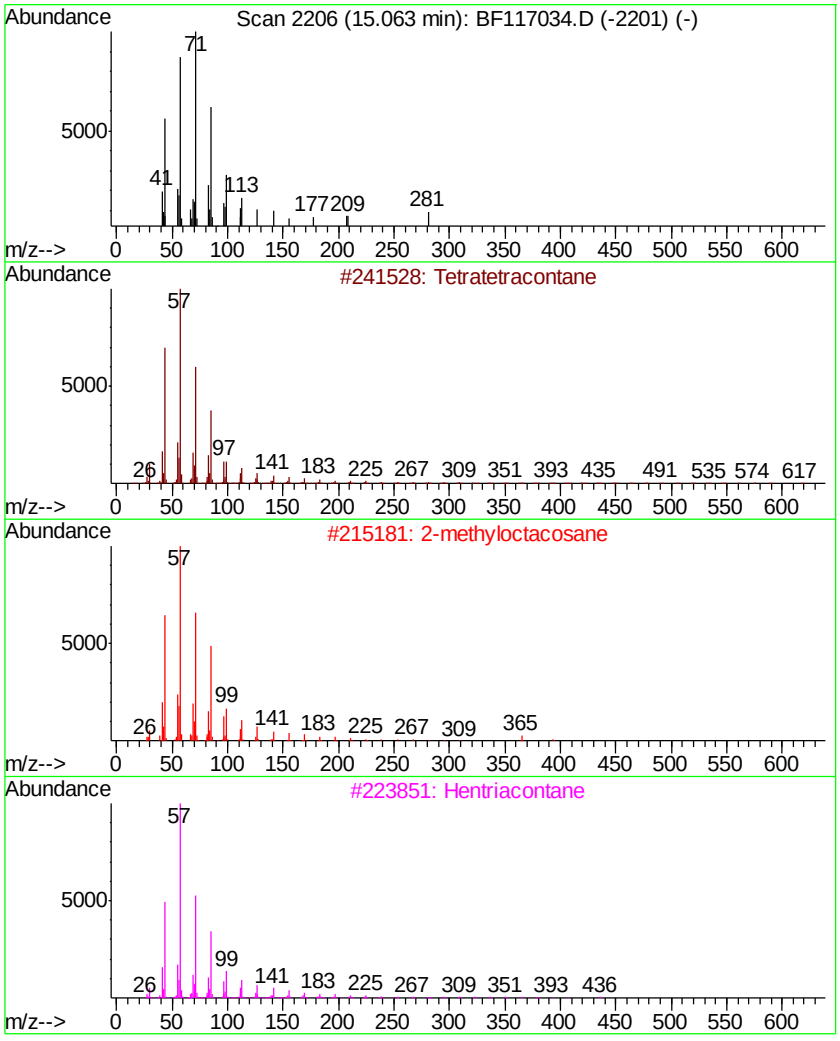
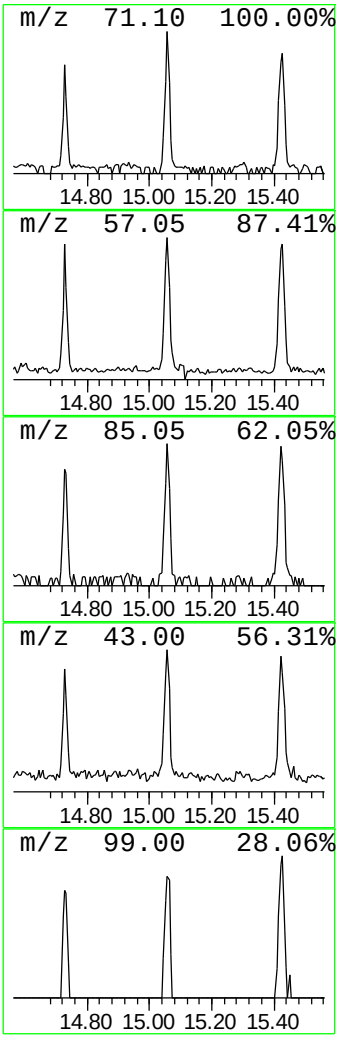
Peak Number 6 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.54 ng	53579	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	83
2	2-methyloctacosane	408	C29H60	1000376-72-8	80
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Octacosane	394	C28H58	000630-02-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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Sample : K4848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-139-A

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

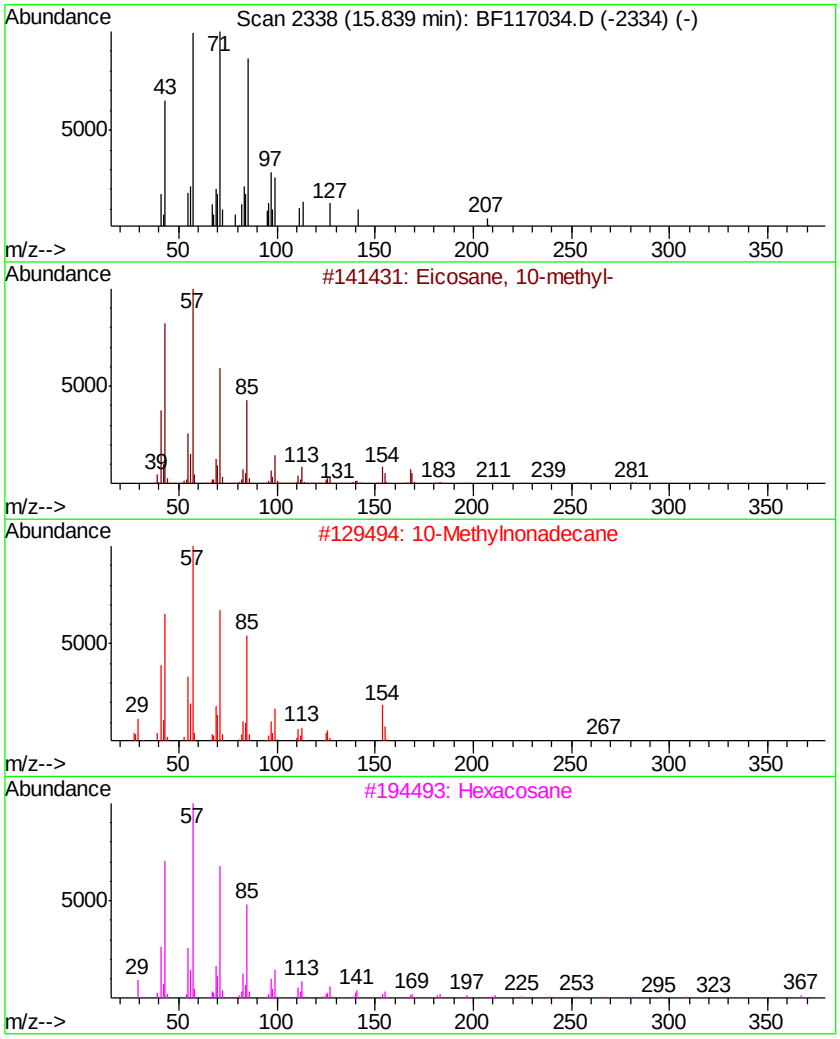
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

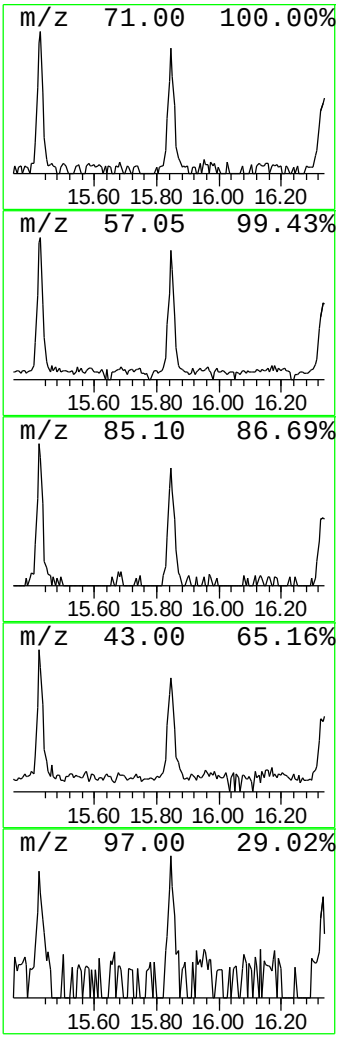
****

Peak Number 7 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.68 ng	56615	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
2	10-Methylnonadecane	282	C20H42	056862-62-5	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Heneicosane	296	C21H44	000629-94-7	72





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Misc :
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Instrument : BNA_F
ClientSampleId : CBH-139-A

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

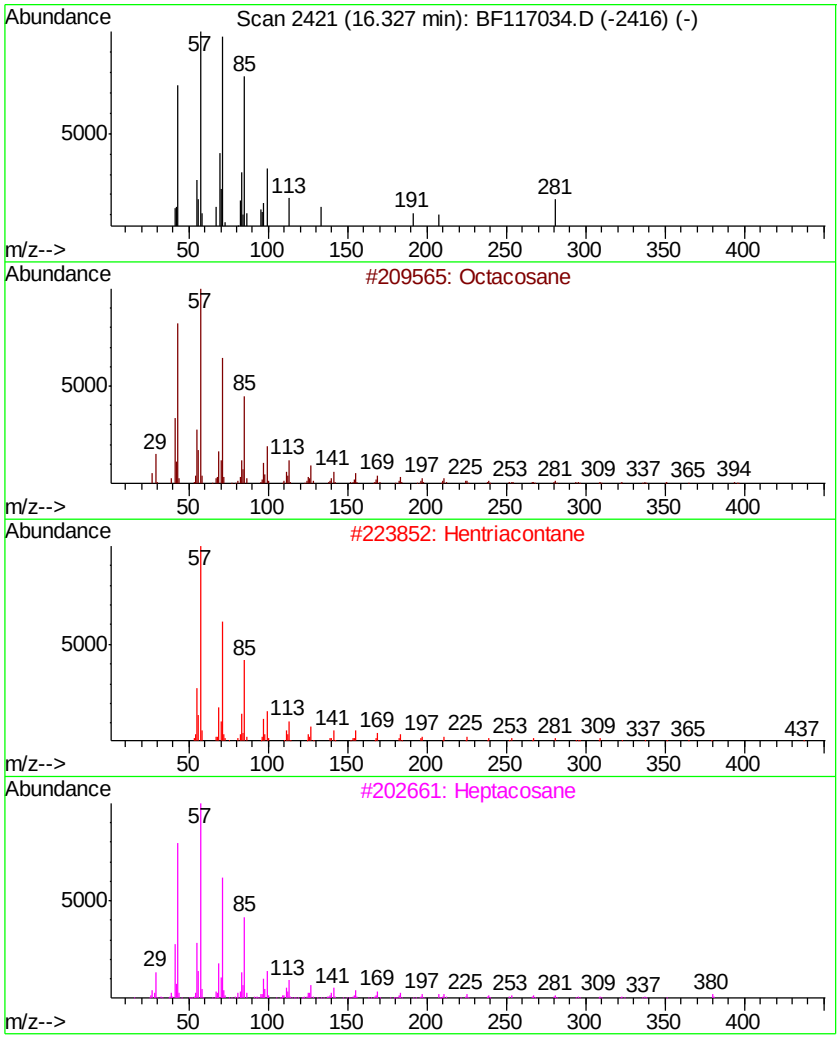
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

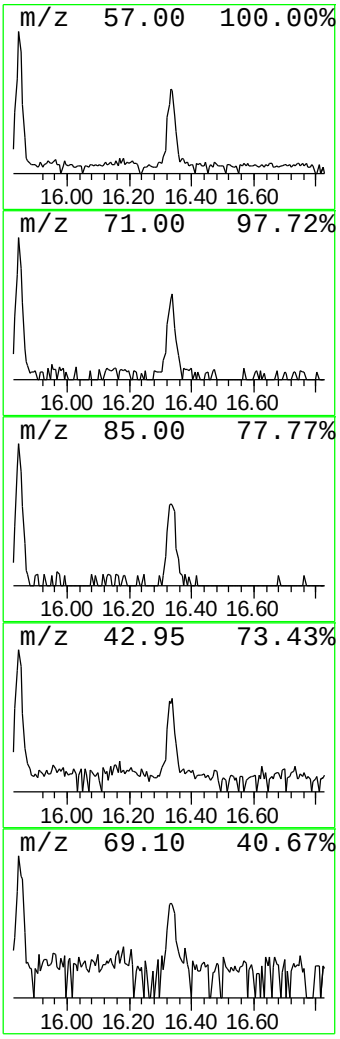
****

Peak Number 8 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.05 ng	43231	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Hentriacontane	437	C31H64	000630-04-6	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	64
5	2-methyltetracosane	352	C25H52	1000376-72-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091319\
Data File : BF117034.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.59	6.59	88.4	ng	1705760	1	6.82	385893	20.0
Benzenesulfonamid...	10.69	7.4	ng	214182	4	11.33	577979	20.0
n-Hexadecanoic acid	11.86	3.1	ng	90191	4	11.33	577979	20.0
11-Tricosene	13.82	3.3	ng	80579	5	13.96	488589	20.0
Tetratetracontane	15.06	2.5	ng	53579	6	15.41	421909	20.0
Eicosane, 10-methyl-	15.84	2.7	ng	56615	6	15.41	421909	20.0
Octacosane	16.33	2.0	ng	43231	6	15.41	421909	20.0