LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108386.D
Acq On : 22 Aug 2018 16:39
Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

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-BF080818.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	2.360	3	4	16	rVB	352441	361144	7.72%	0.873%
2	5.254	491	496	505	rVB	136398	182264	3.90%	0.441%
3	5.631	555	560	563	rBV	3669782	3519889	75.27%	8.509%
4	6.625	723	729	732	rBV	3620047	3853362	82.40%	9.315%
5	6.772	749	754	757	rBV	4007041	3777644	80.79%	9.132%
6	7.001	789	793	796	rBV	1257726	1049364	22.44%	2.537%
7	7.160	815	820	823	rBV	3114010	2968647	63.48%	7.176%
8	7.566	883	889	892	rBV	2491285	2513689	53.76%	6.076%
9	8.284	1006	1011	1014	rBV	1601828	1354791	28.97%	3.275%
10	9.360	1188	1194	1197	rBV	5303113	4676144	100.00%	11.303%
11	9.748	1256	1260	1265	rVB	307916	257633	5.51%	0.623%
12	10.048	1306	1311	1314	rBV	1656664	1579806	33.78%	3.819%
13	10.842	1441	1446	1449	rBV	2923064	2911824	62.27%	7.039%
14	11.542	1561	1565	1567	rBV	1964357	1645687	35.19%	3.978%
15	11.566	1567	1569	1572	rVV	309770	247080	5.28%	0.597%
16	11.613	1572	1577	1580	rVV	65541	62665	1.34%	0.151%
17	12.042	1647	1650	1652	rBV	69277	57402	1.23%	0.139%
18	12.072	1652	1655	1660	rVB2	70161	68973	1.47%	0.167%
19	12.154	1665	1669	1672	rBV2	72723	83259	1.78%	0.201%
20	12.595	1741	1744	1747	rBV2	36009	61930	1.32%	0.150%
21	12.760	1768	1772	1776	rBV	584428	490335	10.49%	1.185%
22	12.972	1805	1808	1809	rBV2	74361	79522	1.70%	0.192%
23	12.989	1809	1811	1817	rVB	451029	431453	9.23%	1.043%
24	13.130	1826	1835	1838	rBV	4597765	4225483	90.36%	10.214%
25	13.201	1844	1847	1852	rVB2	30492	53494	1.14%	0.129%
26	13.319	1859	1867	1874	rBV3	70640	140340	3.00%	0.339%
27	14.007	1980	1984	1987	rBV2	62466	74770	1.60%	0.181%
28	14.042	1987	1990	1992	rVV2	56729	66858	1.43%	0.162%
29	14.071	1992	1995	2005	rVB4	84264	210990	4.51%	0.510%
30	14.195	2011	2016	2019	rBV2	1224104	1291852	27.63%	3.123%
31	14.218	2019	2020	2027	rVB	199147	138411	2.96%	0.335%
32	14.424	2050	2055	2058	rBV4	32324	72840	1.56%	0.176%
33	14.630	2088	2090	2094	rVB2	69307	70840	1.51%	0.171%
34	14.960	2143	2146	2149	rVB	53014	57957	1.24%	0.140%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.042	2156	2160	2164	rVB	218102	248611	5.32%	0.601%
36	15.277	2196	2200	2204	rBV	176054	281066	6.01%	0.679%
37	15.318	2204	2207	2212	rVB2	156368	221399	4.73%	0.535%
38	15.613	2253	2257	2264	rVB	122171	174785	3.74%	0.423%
39	15.677	2264	2268	2273	rBV	156134	219004	4.68%	0.529%
40	15.754	2274	2281	2284	rBV	722627	1056374	22.59%	2.554%
41	16.207	2353	2358	2366	rVB	125053	219431	4.69%	0.530%
42	16.759	2448	2452	2456	rBV2	48732	77980	1.67%	0.188%
43	17.354	2549	2553	2559	rBV2	69762	120168	2.57%	0.290%
44	17.848	2632	2637	2644	rVB	61957	111923	2.39%	0.271%

Sum of corrected areas: 41369083

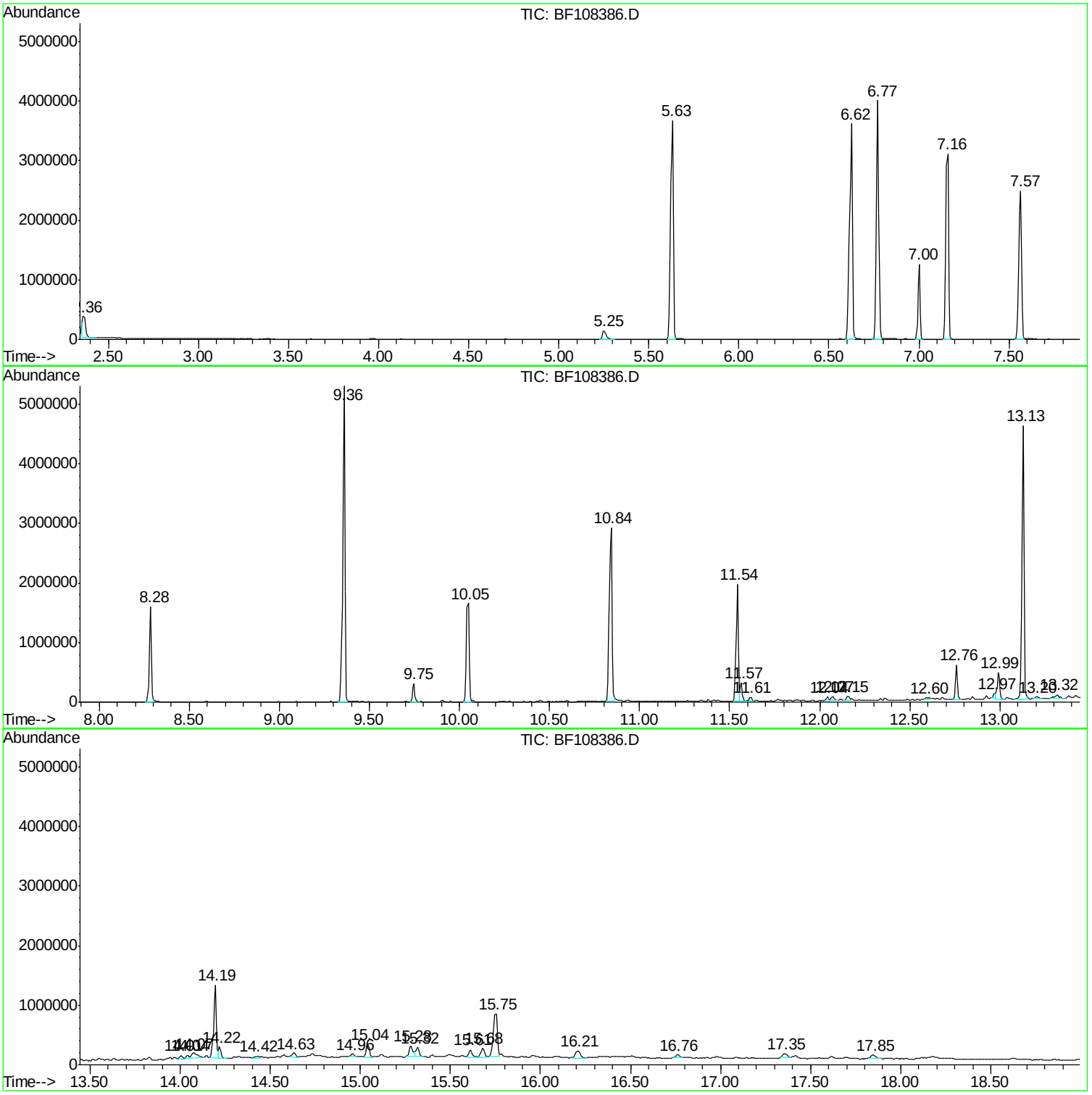
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108386.D
Acq On : 22 Aug 2018 16:39
Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF082218\
Data File : BF108386.D
Acq On : 22 Aug 2018 16:39
Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

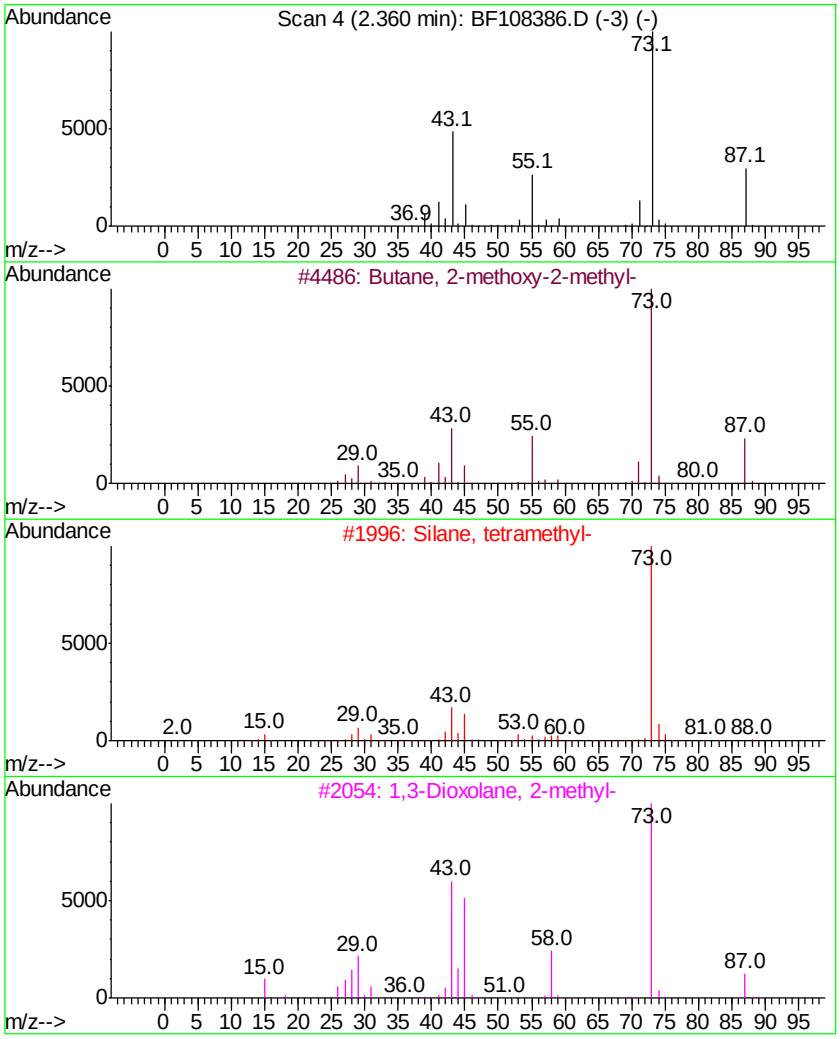
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

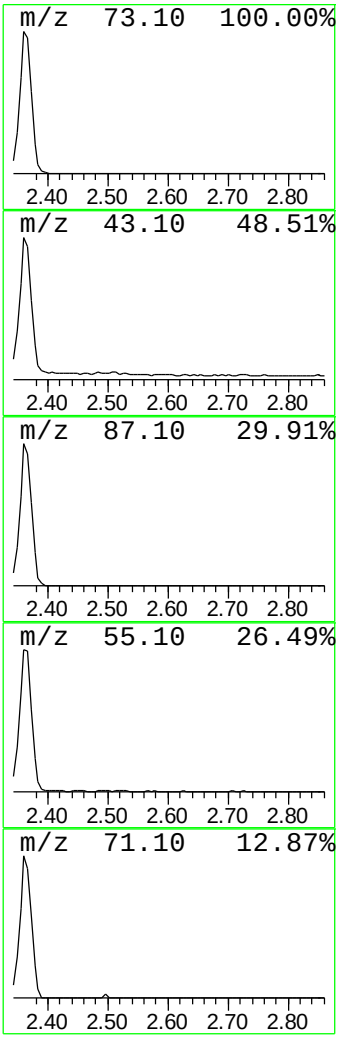
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	6.88 ng	361144	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108386.D
Acq On : 22 Aug 2018 16:39
Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

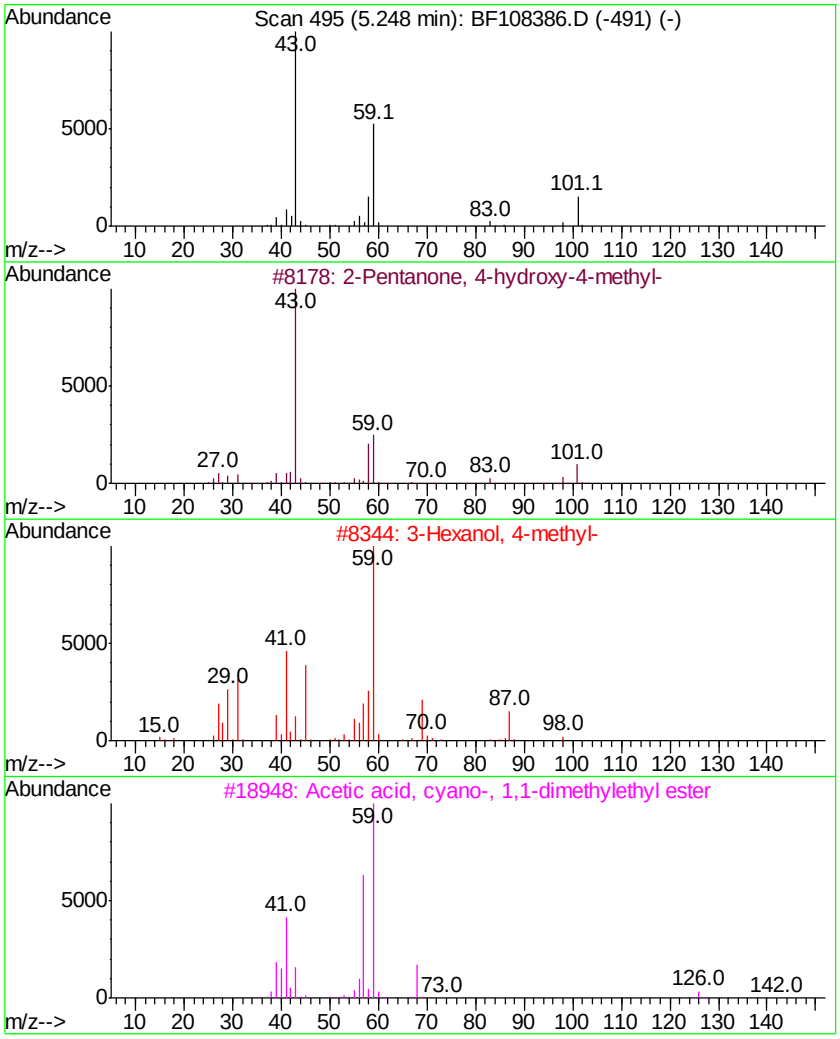
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

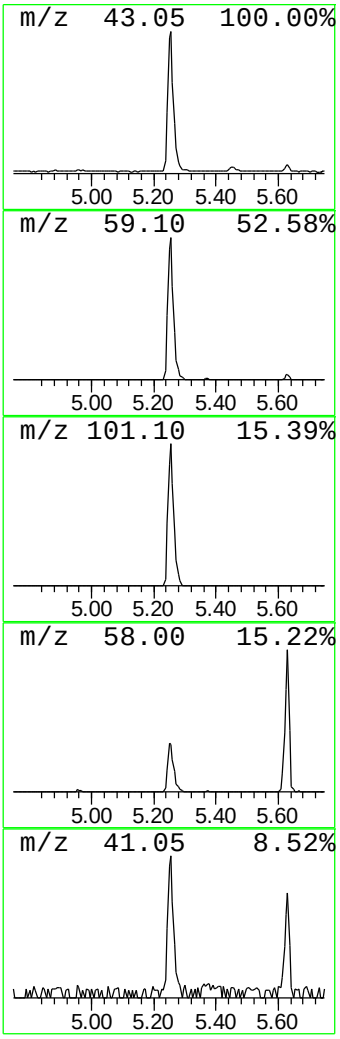
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	3.47 ng	182264	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108386.D
Acq On : 22 Aug 2018 16:39
Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

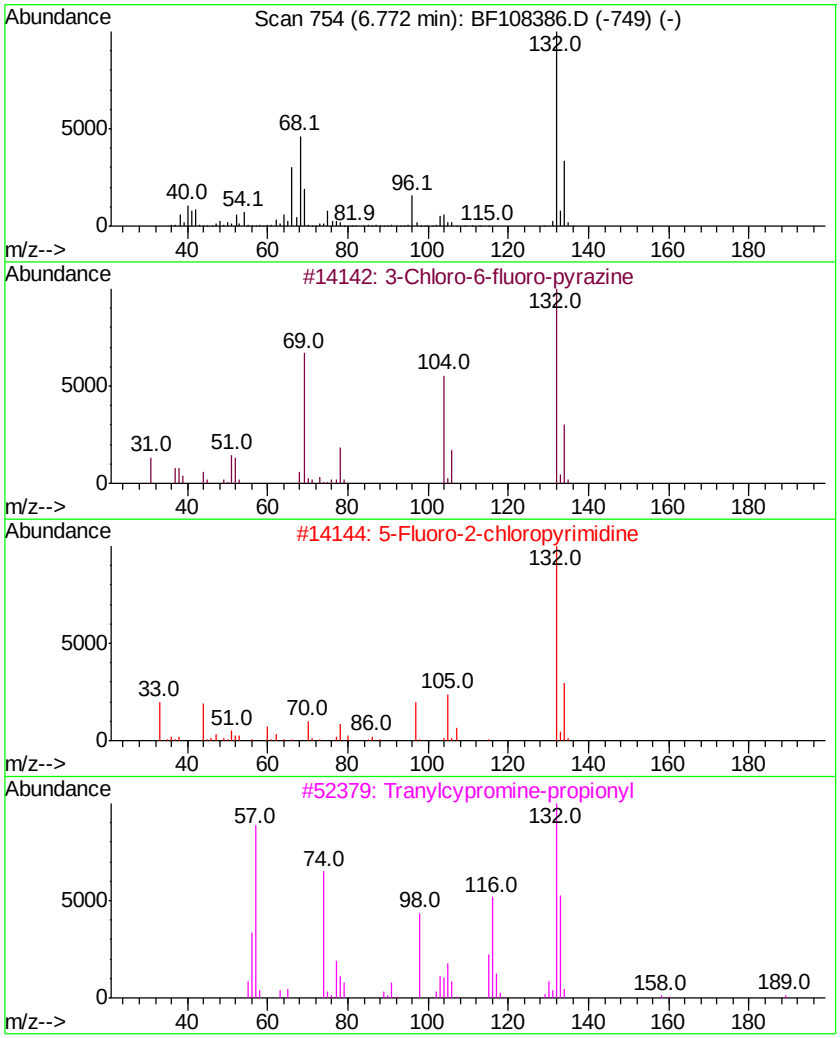
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

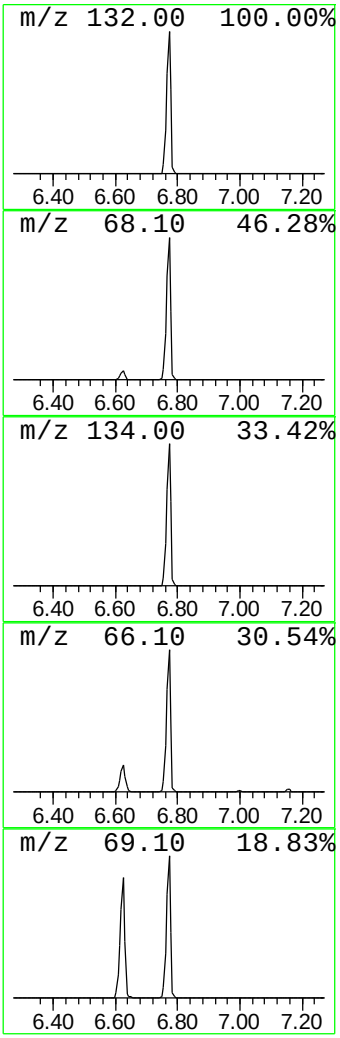
****

Peak Number 3 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	72.00 ng	3777640	1,4-Dichlorobenzene-d4	7.00

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	10
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

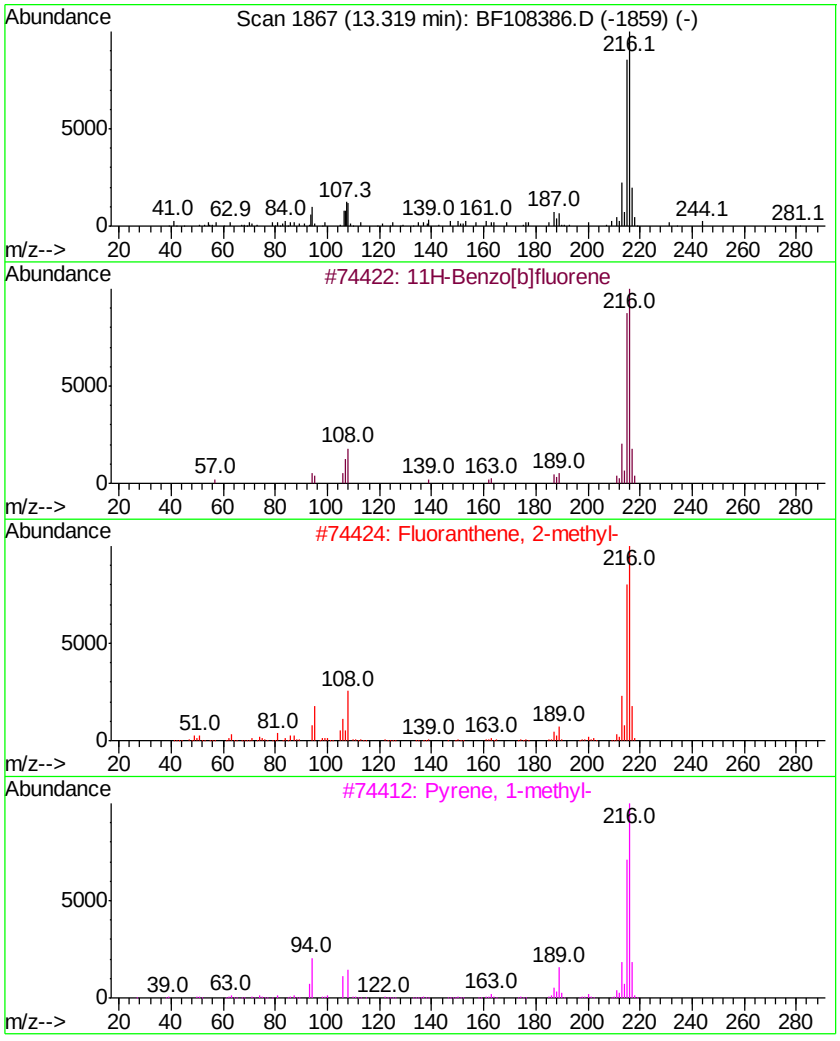
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

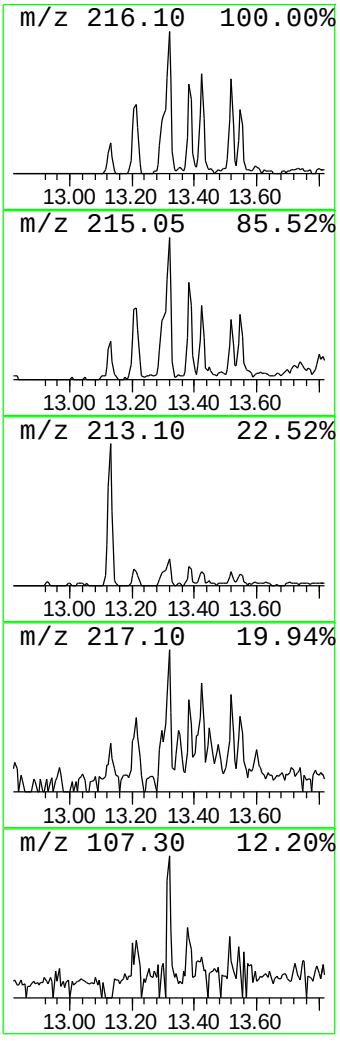
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.17 ng	140340	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108386.D
Acq On : 22 Aug 2018 16:39
Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

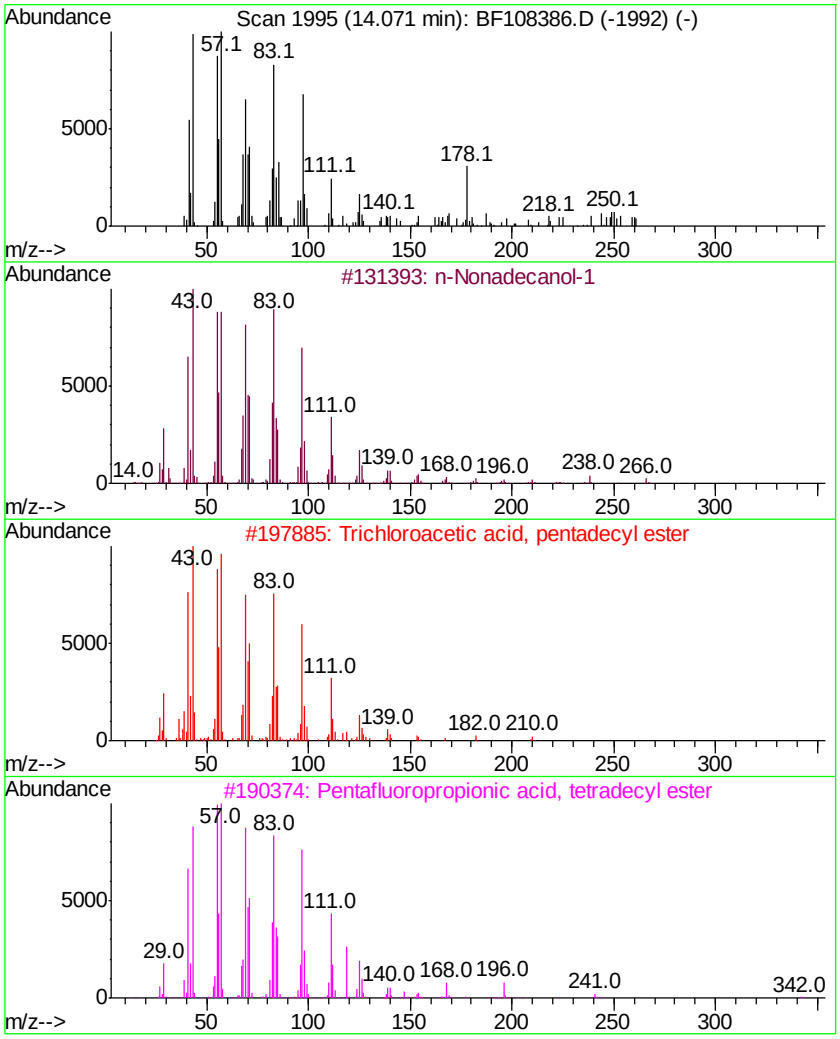
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

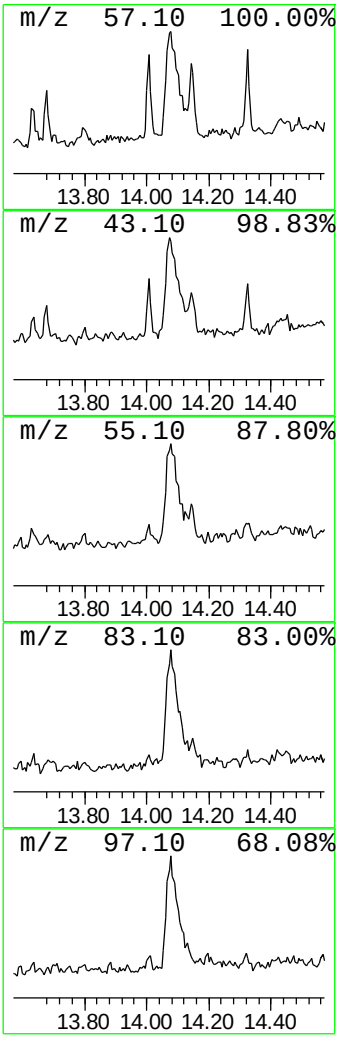
****

Peak Number 6 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.27 ng	210990	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108386.D
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Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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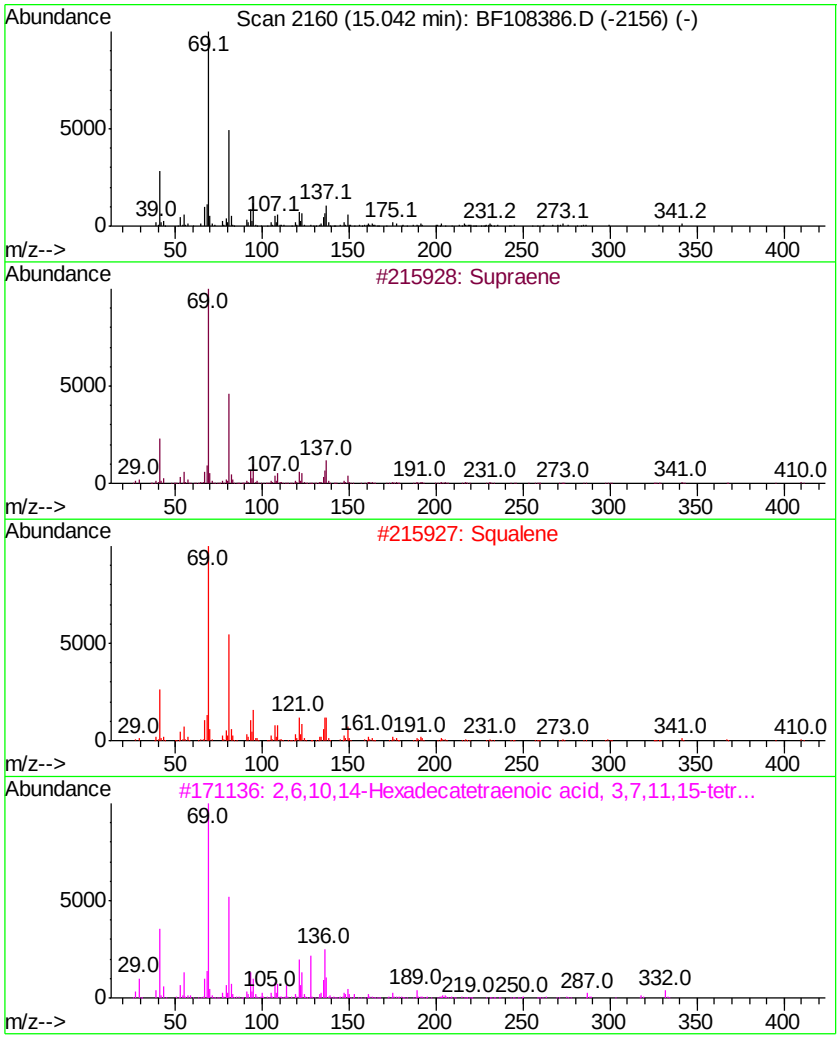
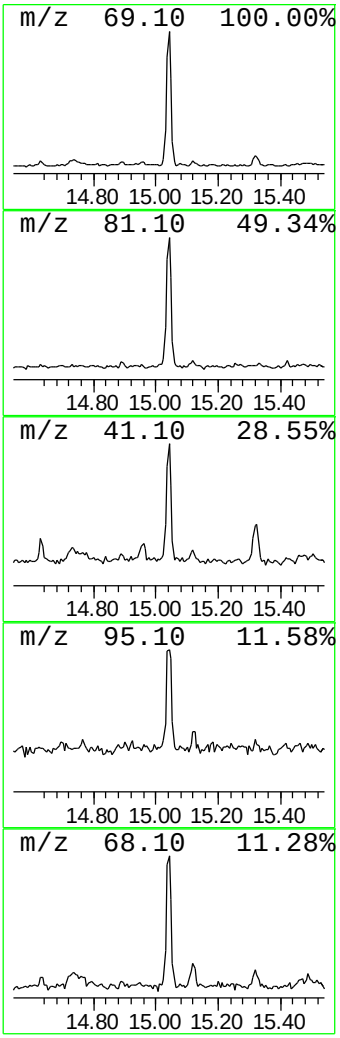
Peak Number 7 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	4.71 ng	248611	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	90
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4	trans-Farnesol	222	C15H26O	000106-28-5	72
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64





Library Search Compound Report

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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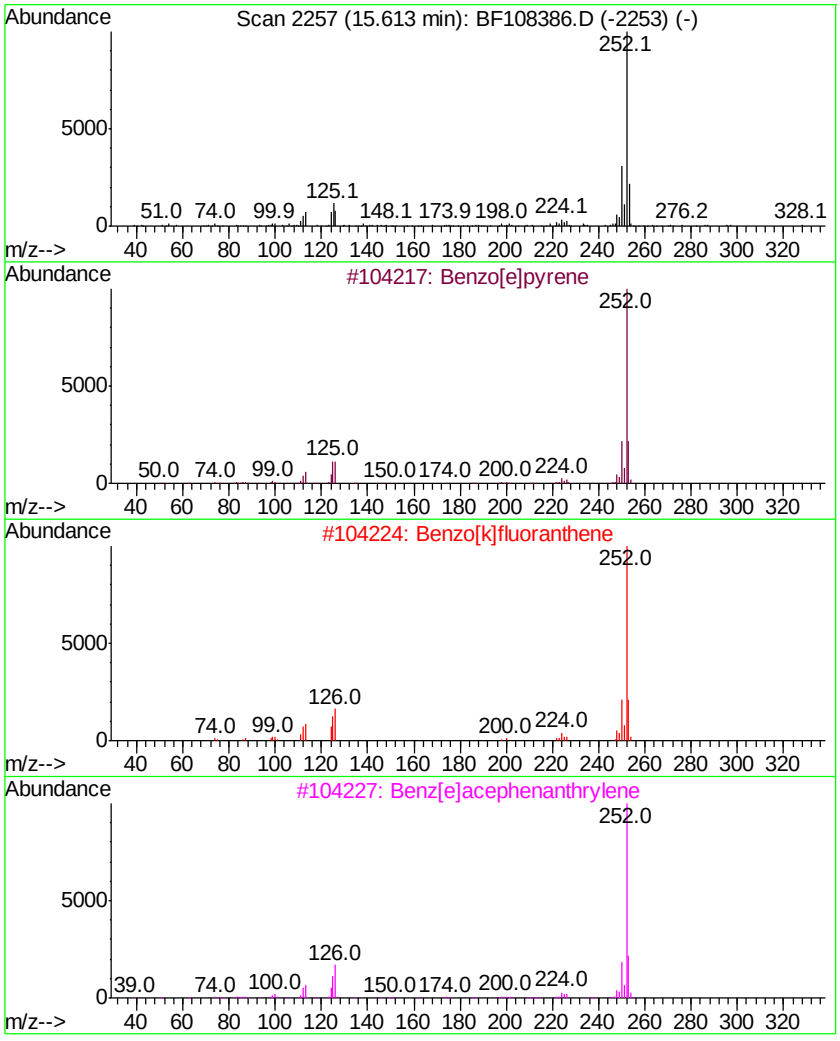
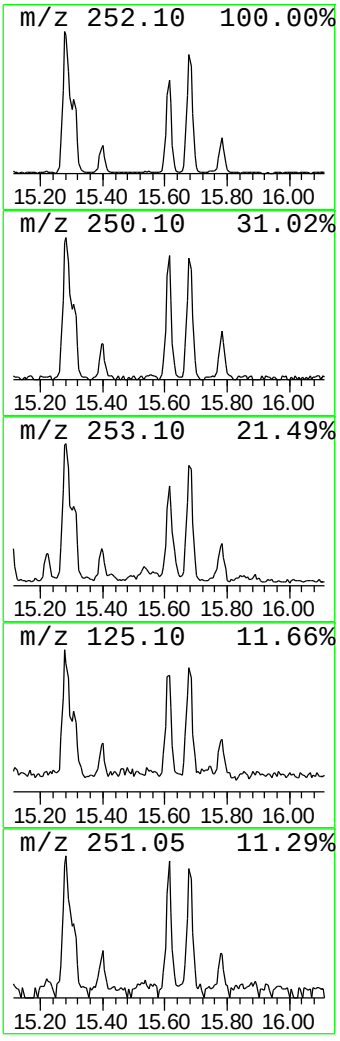
Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.31 ng	174785	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





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Data File : BF108386.D
Acq On : 22 Aug 2018 16:39
Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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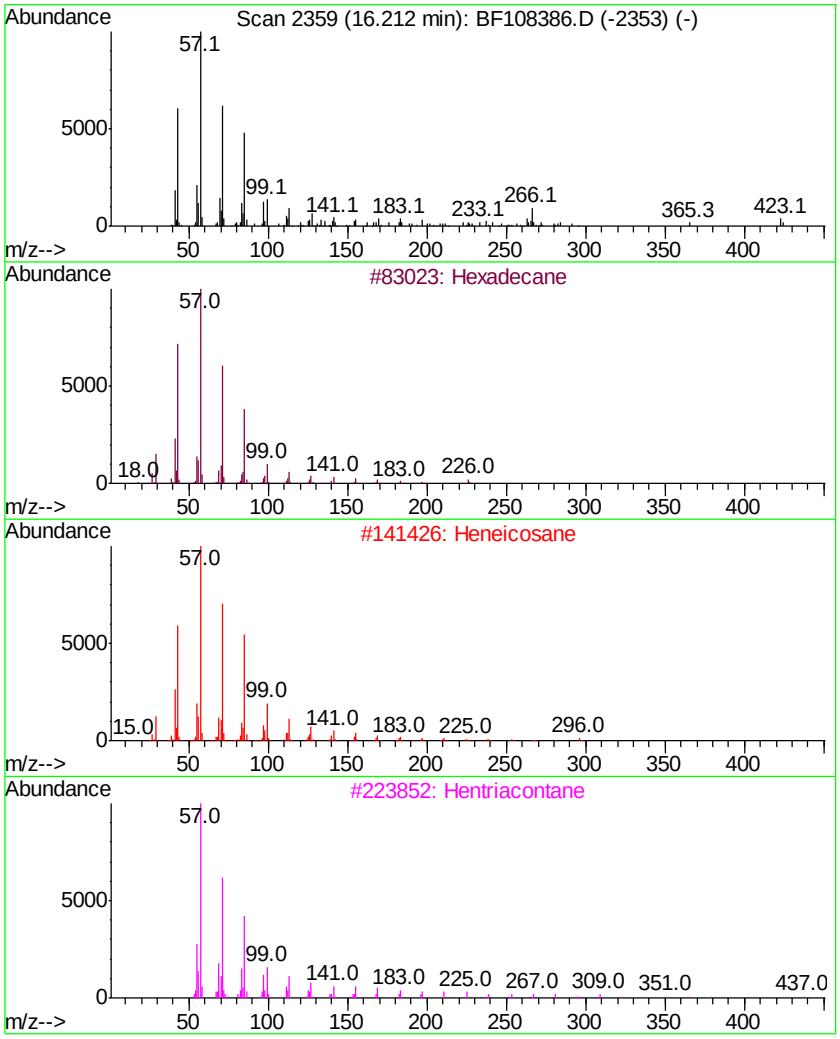
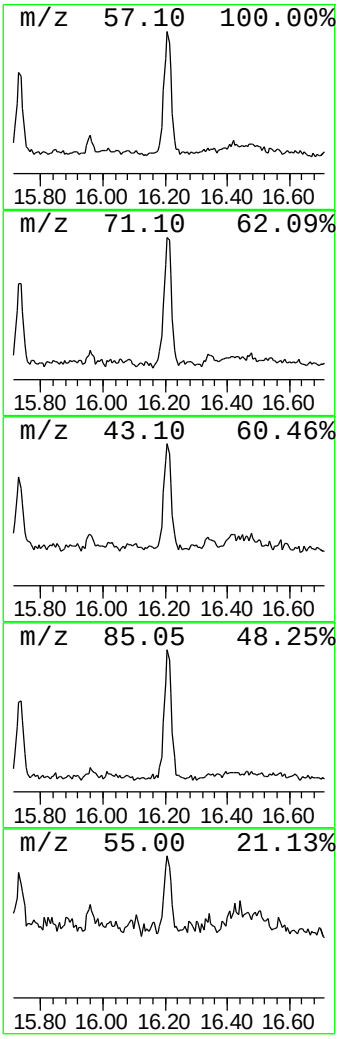
Peak Number 9 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	4.15 ng	219431	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Nonadecane	268	C19H40	000629-92-5	74
5	Heptadecane	240	C17H36	000629-78-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082218\
Data File : BF108386.D
Acq On : 22 Aug 2018 16:39
Operator : JU/SJ
Sample : J4497-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-FRONT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
Butane, 2-methoxy...	2.36	6.9	ng	361144	1	7.00	1049360	20.0
2-Pentanone, 4-hy...	5.25	3.5	ng	182264	1	7.00	1049360	20.0
unknown6.77	6.77	72.0	ng	3777640	1	7.00	1049360	20.0
11H-Benzo[b]fluorene	13.32	2.2	ng	140340	5	14.20	1291850	20.0
n-Nonadecanol-1	14.07	3.3	ng	210990	5	14.20	1291850	20.0
Supraene	15.04	4.7	ng	248611	6	15.75	1056370	20.0
Benzo[e]pyrene	15.61	3.3	ng	174785	6	15.75	1056370	20.0
Hexadecane	16.21	4.2	ng	219431	6	15.75	1056370	20.0