LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108178.D
Acq On : 15 Aug 2018 21:06
Operator : JU/SJ
Sample : J4460-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

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	2.396	4	10	21	rVB	498601	734380	12.44%	1.313%
2	5.266	493	498	512	rVB	760338	1048655	17.77%	1.875%
3	5.648	558	563	566	rBV	4509079	4934173	83.60%	8.824%
4	6.642	725	732	735	rBV	4576811	5334050	90.38%	9.539%
5	6.789	752	757	760	rBV	5284407	5178448	87.74%	9.260%
6	7.019	792	796	799	rBV	1471666	1344787	22.79%	2.405%
7	7.172	818	822	826	rBV	4210680	4001373	67.80%	7.155%
8	7.578	885	891	894	rBV	3330737	3490756	59.15%	6.242%
9	8.301	1009	1014	1017	rBV	1957957	1715330	29.06%	3.067%
10	9.301	1182	1184	1187	rVB	98621	76608	1.30%	0.137%
11	9.378	1191	1197	1200	rBV	5799033	5901907	100.00%	10.554%
12	9.436	1204	1207	1211	rBV2	84559	96987	1.64%	0.173%
13	9.636	1237	1241	1246	rBV2	76507	114648	1.94%	0.205%
14	9.713	1250	1254	1257	rVV2	119891	130209	2.21%	0.233%
15	9.760	1259	1262	1270	rVB	702184	669545	11.34%	1.197%
16	9.830	1270	1274	1276	rBV2	44206	64641	1.10%	0.116%
17	9.972	1295	1298	1302	rVB	108682	109443	1.85%	0.196%
18	10.060	1307	1313	1317	rBV	1961671	1857723	31.48%	3.322%
19	10.095	1317	1319	1321	rVB	102865	80811	1.37%	0.145%
20	10.160	1326	1330	1334	rBV2	54196	85425	1.45%	0.153%
21	10.201	1334	1337	1340	rBV3	50337	63707	1.08%	0.114%
22	10.260	1344	1347	1350	rVB2	135407	130372	2.21%	0.233%
23	10.295	1350	1353	1357	rBV3	129374	155741	2.64%	0.279%
24	10.372	1363	1366	1369	rBV	89271	95142	1.61%	0.170%
25	10.401	1369	1371	1377	rVB2	87866	99586	1.69%	0.178%
26	10.472	1377	1383	1386	rBV2	171538	217715	3.69%	0.389%
27	10.607	1403	1406	1409	rBV2	89501	97474	1.65%	0.174%
28	10.689	1416	1420	1423	rBV	263109	290382	4.92%	0.519%
29	10.772	1432	1434	1439	rVB4	56894	67208	1.14%	0.120%
30	10.813	1439	1441	1444	rBV4	61710	60907	1.03%	0.109%
31	10.854	1444	1448	1452	rBV	3133725	2798027	47.41%	5.004%
32	10.960	1461	1466	1473	rVB2	382026	537089	9.10%	0.960%
33	11.395	1537	1540	1542	rBV	123584	104228	1.77%	0.186%
34	11.424	1542	1545	1548	rVV	192570	172002	2.91%	0.308%

LSC Area Percent Report

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Acq On : 15 Aug 2018 21:06
Operator : JU/SJ
Sample : J4460-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

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	11.560	1562	1568	1570	rBV	1720807	1675095	28.38%	2.995%
36	11.583	1570	1572	1575	rVV	729812	603970	10.23%	1.080%
37	11.630	1578	1580	1584	rVV	215666	195055	3.30%	0.349%
38	11.666	1584	1586	1591	rVB2	68143	74030	1.25%	0.132%
39	11.707	1591	1593	1597	rBV4	49914	60026	1.02%	0.107%
40	11.777	1602	1605	1608	rVV2	105945	120643	2.04%	0.216%
41	11.824	1610	1613	1616	rVB	91802	72948	1.24%	0.130%
42	12.060	1650	1653	1655	rBV	111532	107379	1.82%	0.192%
43	12.083	1655	1657	1661	rVB	142346	129915	2.20%	0.232%
44	12.136	1664	1666	1669	rVB2	63687	62210	1.05%	0.111%
45	12.177	1669	1673	1675	rBV2	141996	170324	2.89%	0.305%
46	12.354	1700	1703	1705	rBV	71127	63714	1.08%	0.114%
47	12.513	1727	1730	1733	rBV2	64507	70682	1.20%	0.126%
48	12.618	1744	1748	1751	rBV2	74849	117170	1.99%	0.210%
49	12.777	1771	1775	1778	rBV	796840	696406	11.80%	1.245%
50	13.007	1807	1814	1820	rBV	634079	792094	13.42%	1.416%
51	13.148	1829	1838	1841	rBV	4001946	4138570	70.12%	7.401%
52	13.336	1867	1870	1872	rBV	89441	82117	1.39%	0.147%
53	13.401	1878	1881	1883	rVB2	103406	88358	1.50%	0.158%
54	14.048	1988	1991	2001	rVB2	208110	372362	6.31%	0.666%
55	14.213	2014	2019	2021	rBV2	1416599	1539052	26.08%	2.752%
56	14.236	2021	2023	2031	rVB	338531	291240	4.93%	0.521%
57	14.654	2091	2094	2097	rVB2	71461	69238	1.17%	0.124%
58	14.977	2147	2149	2153	rVB	77188	74863	1.27%	0.134%
59	15.301	2200	2204	2207	rBV	238072	361233	6.12%	0.646%
60	15.630	2257	2260	2267	rVB	144237	207786	3.52%	0.372%
61	15.701	2268	2272	2277	rVB	227447	280679	4.76%	0.502%
62	15.771	2278	2284	2288	rBV2	923283	1293348	21.91%	2.313%
63	16.236	2360	2363	2369	rVB3	84165	120824	2.05%	0.216%
64	17.383	2554	2558	2564	rVB3	70169	129886	2.20%	0.232%

Sum of corrected areas: 55920696

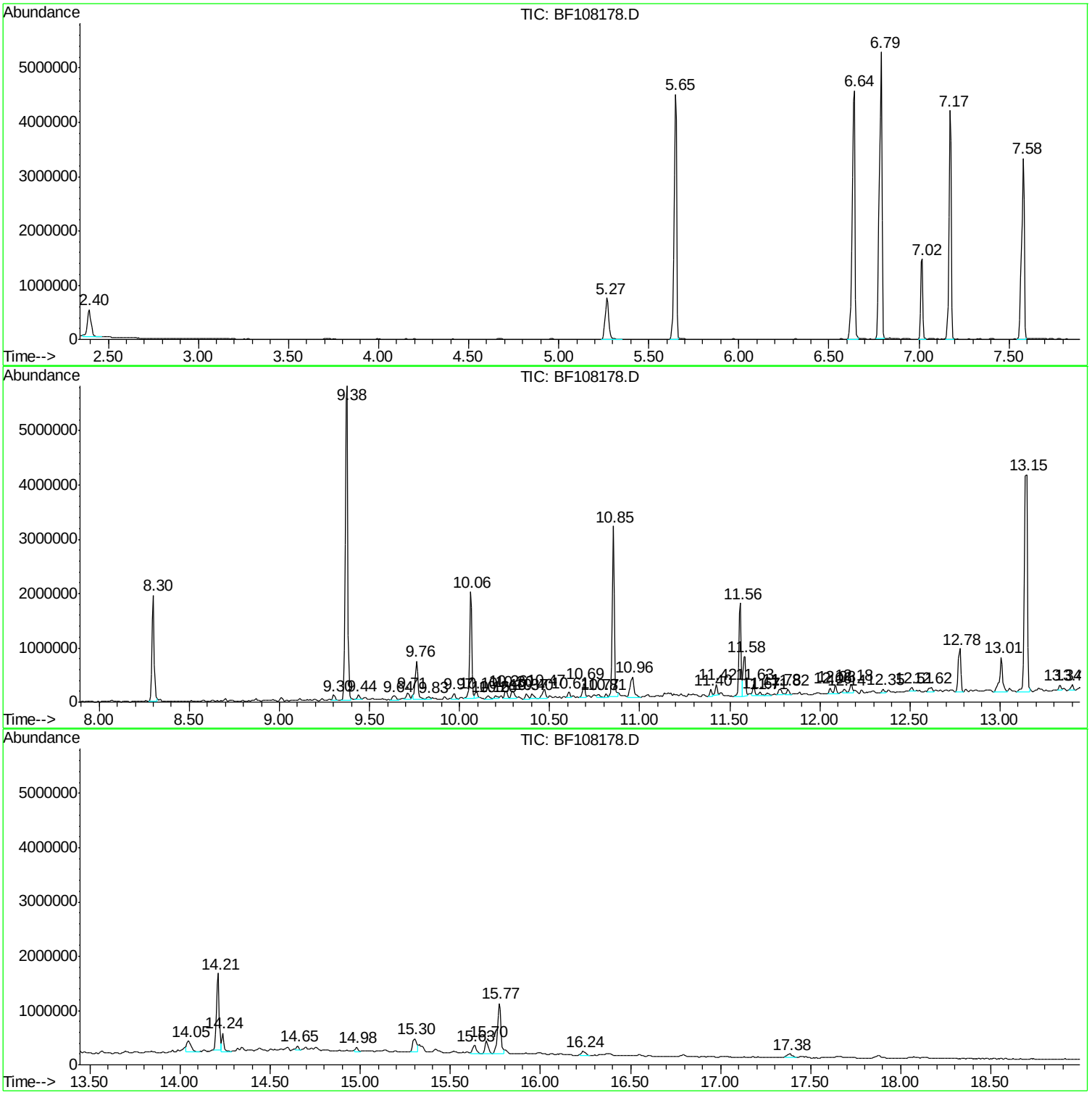
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108178.D
Acq On : 15 Aug 2018 21:06
Operator : JU/SJ
Sample : J4460-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

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\BF081518\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

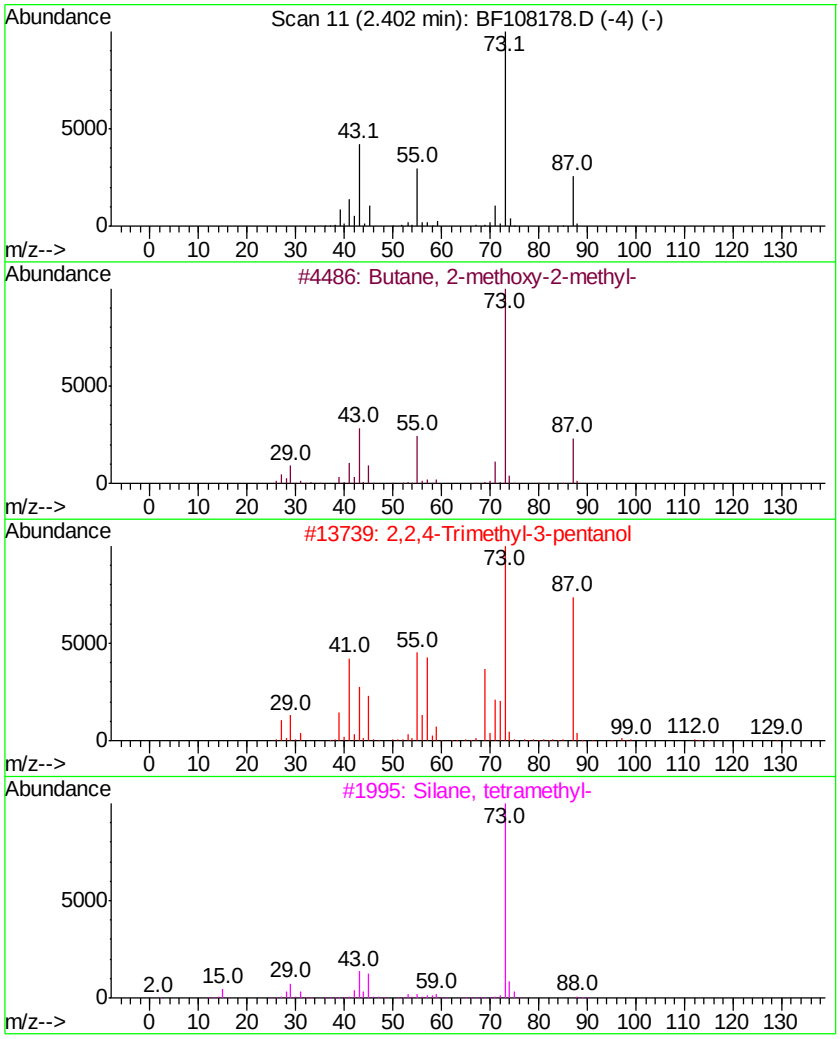
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

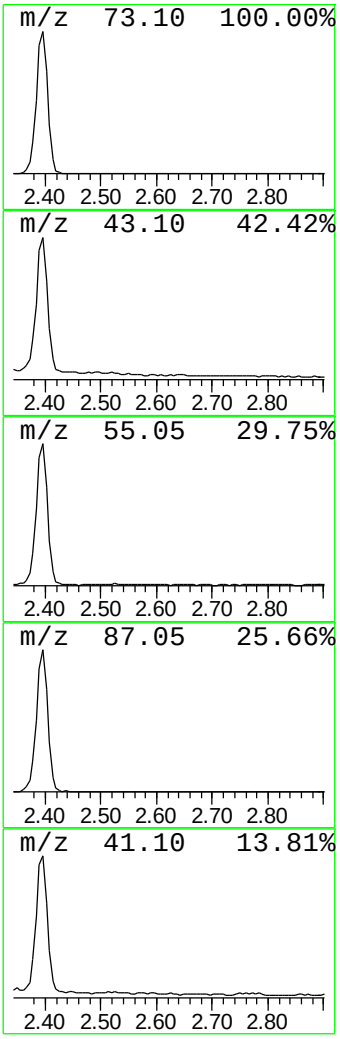
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	10.92 ng	734380	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108178.D
Acq On : 15 Aug 2018 21:06
Operator : JU/SJ
Sample : J4460-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

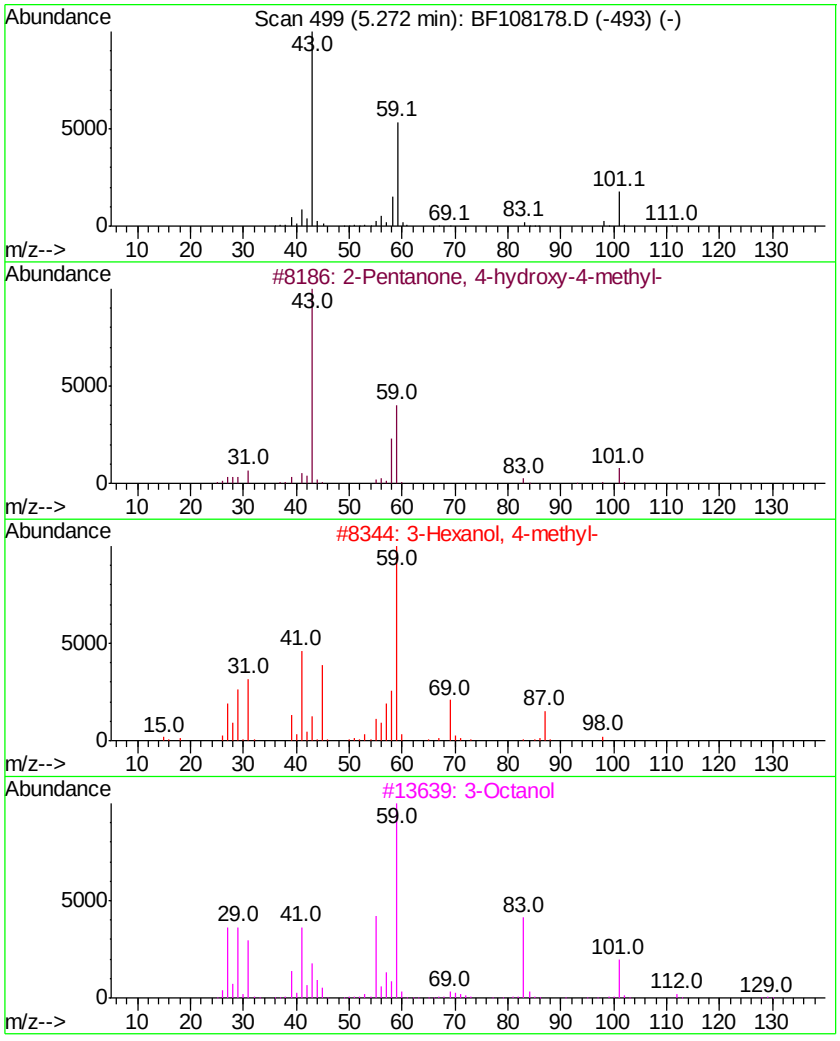
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

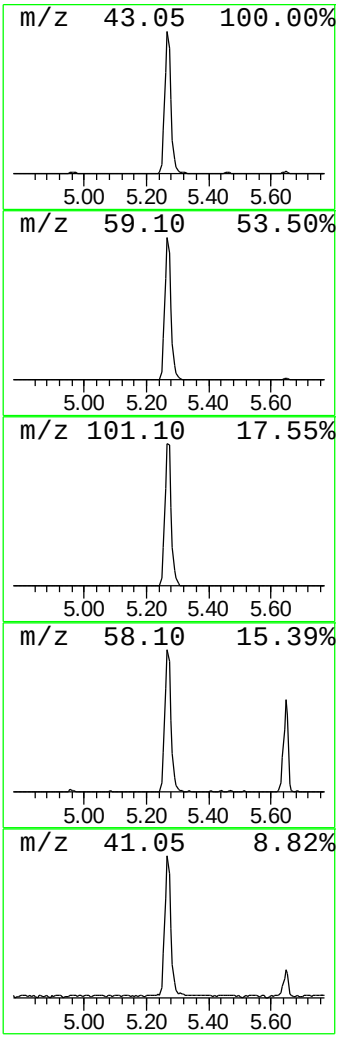
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	15.60 ng	1048660	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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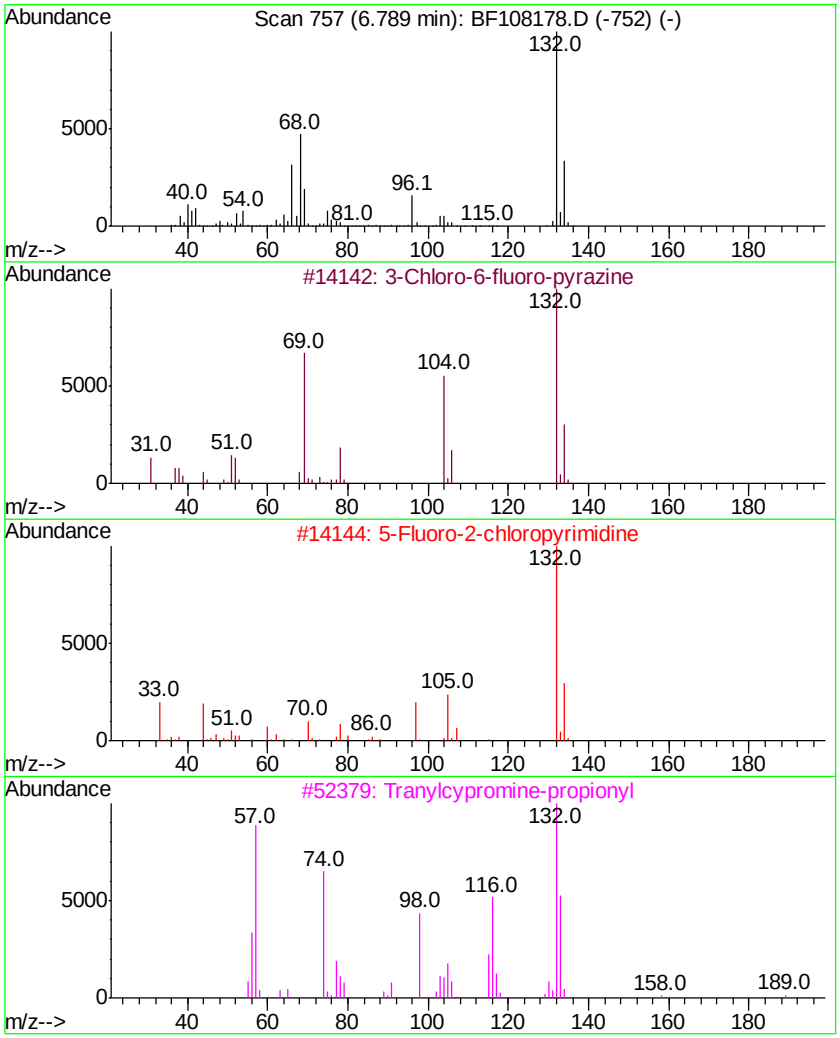
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

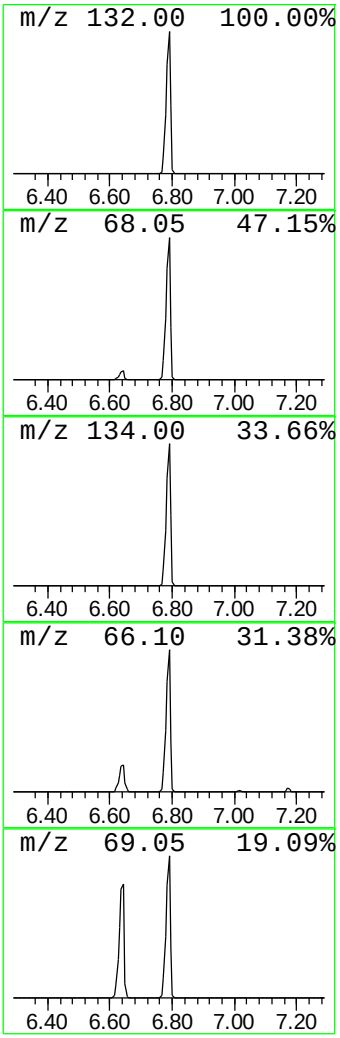
****

Peak Number 3 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	77.02 ng	5178450	1,4-Dichlorobenzene-d4	7.02

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	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

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
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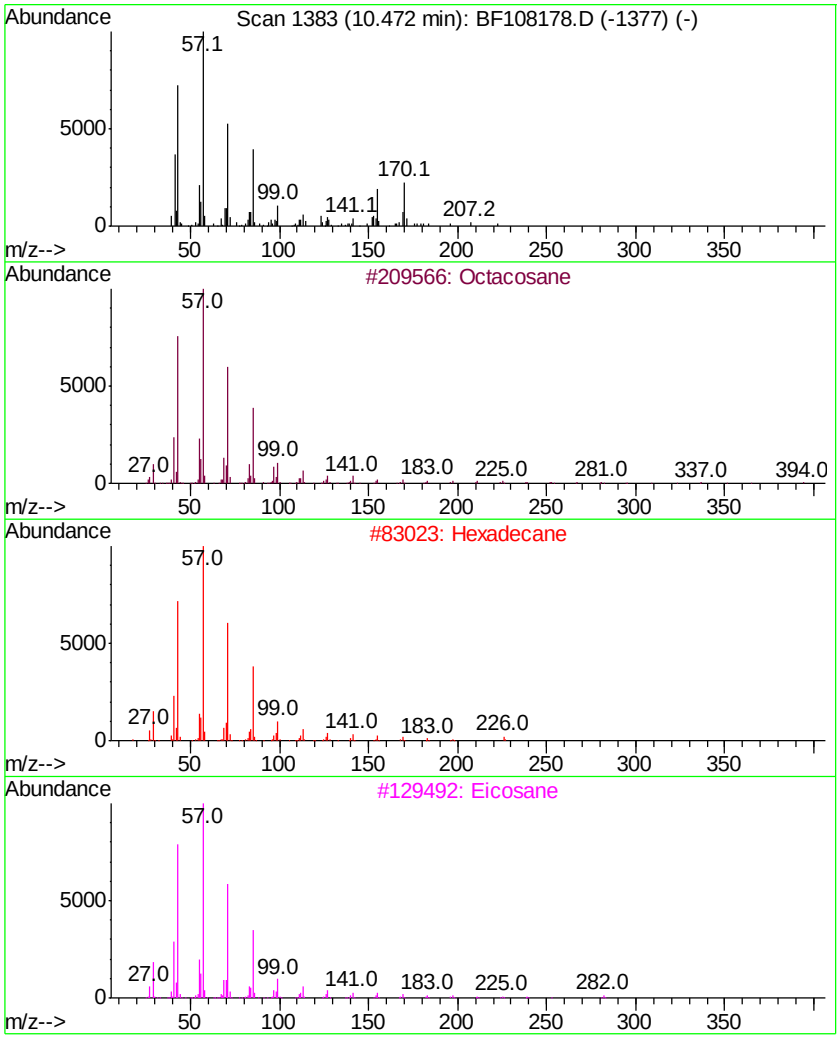
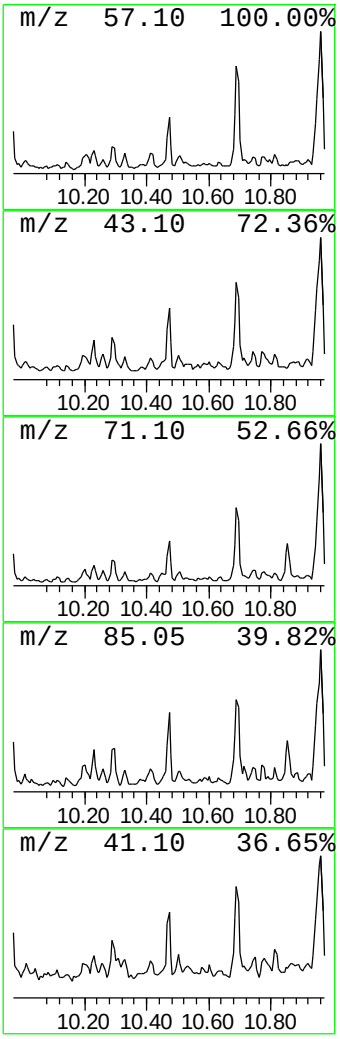
****

Peak Number 5 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.34 ng	217715	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	62
2	Hexadecane	226	C16H34	000544-76-3	58
3	Eicosane	282	C20H42	000112-95-8	58
4	Octadecane	254	C18H38	000593-45-3	58
5	Pentadecane	212	C15H32	000629-62-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108178.D
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Sample : J4460-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

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

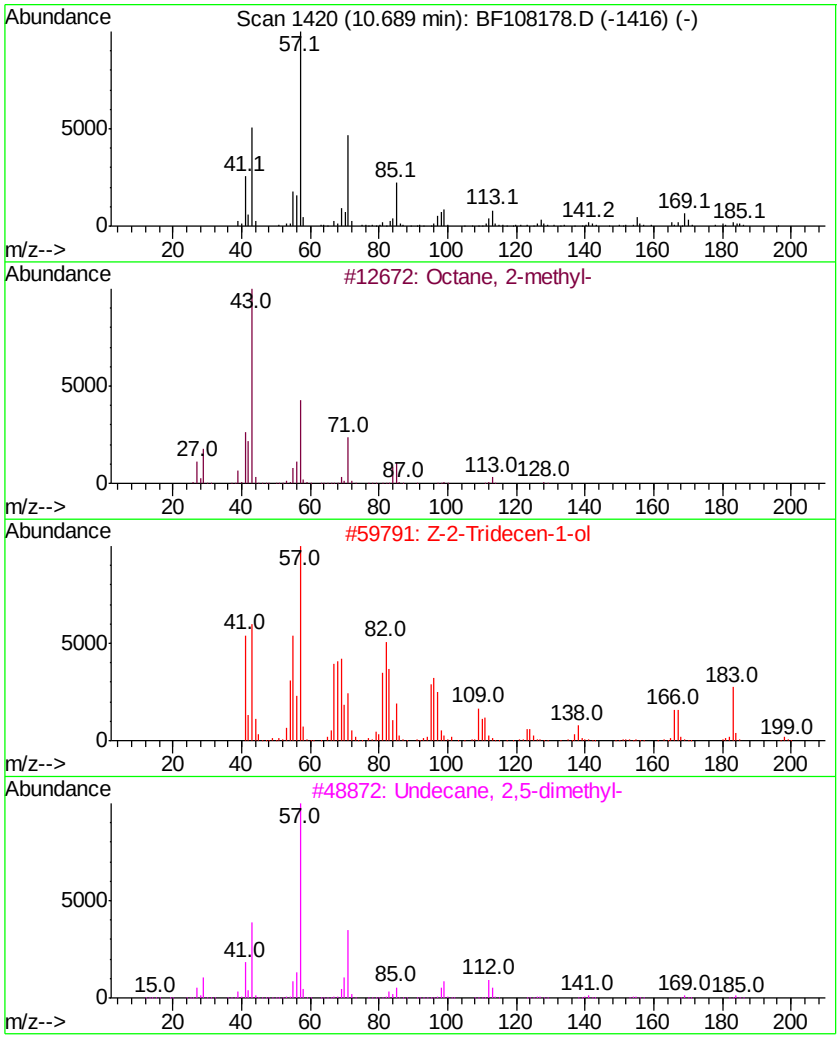
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

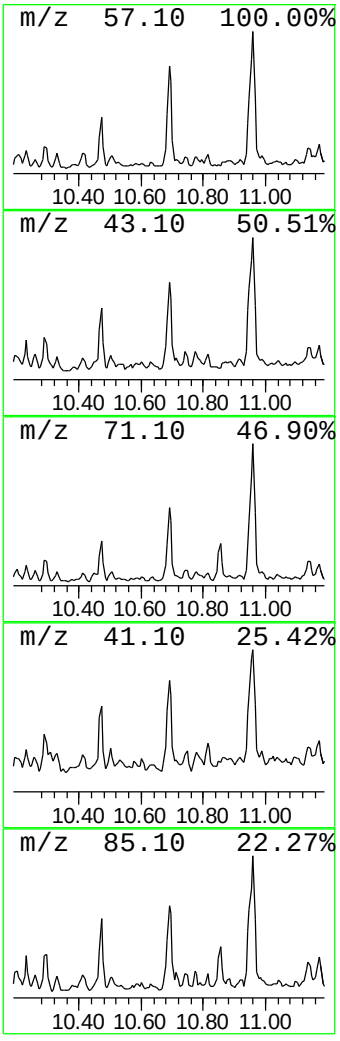
****

Peak Number 6 Octane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.13 ng	290382	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
5	Eicosane	282	C20H42	000112-95-8	64





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Misc :
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Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

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

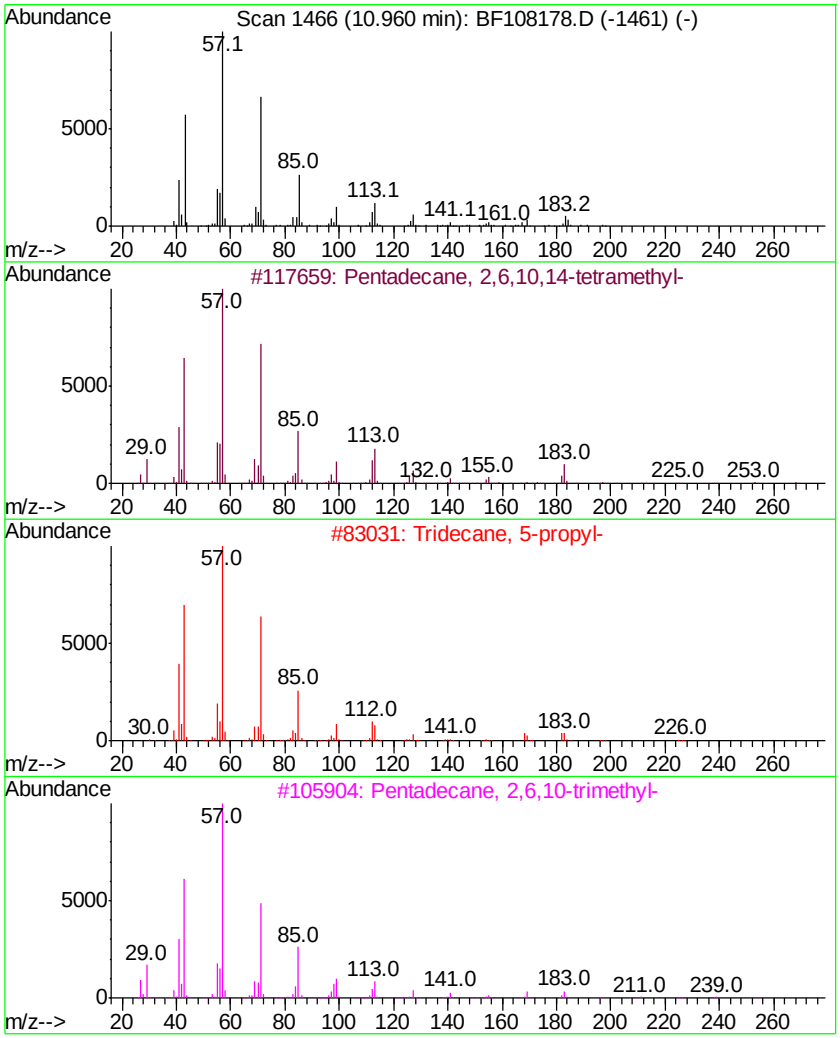
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

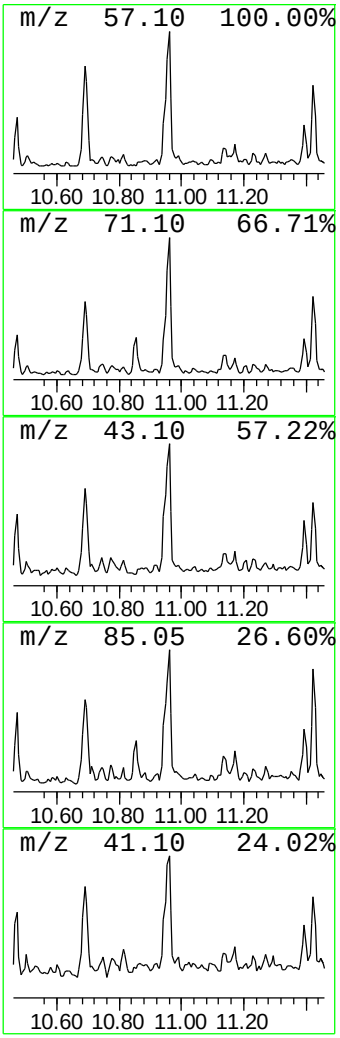
****

Peak Number 7 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	6.41 ng	537089	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108178.D
Acq On : 15 Aug 2018 21:06
Operator : JU/SJ
Sample : J4460-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

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

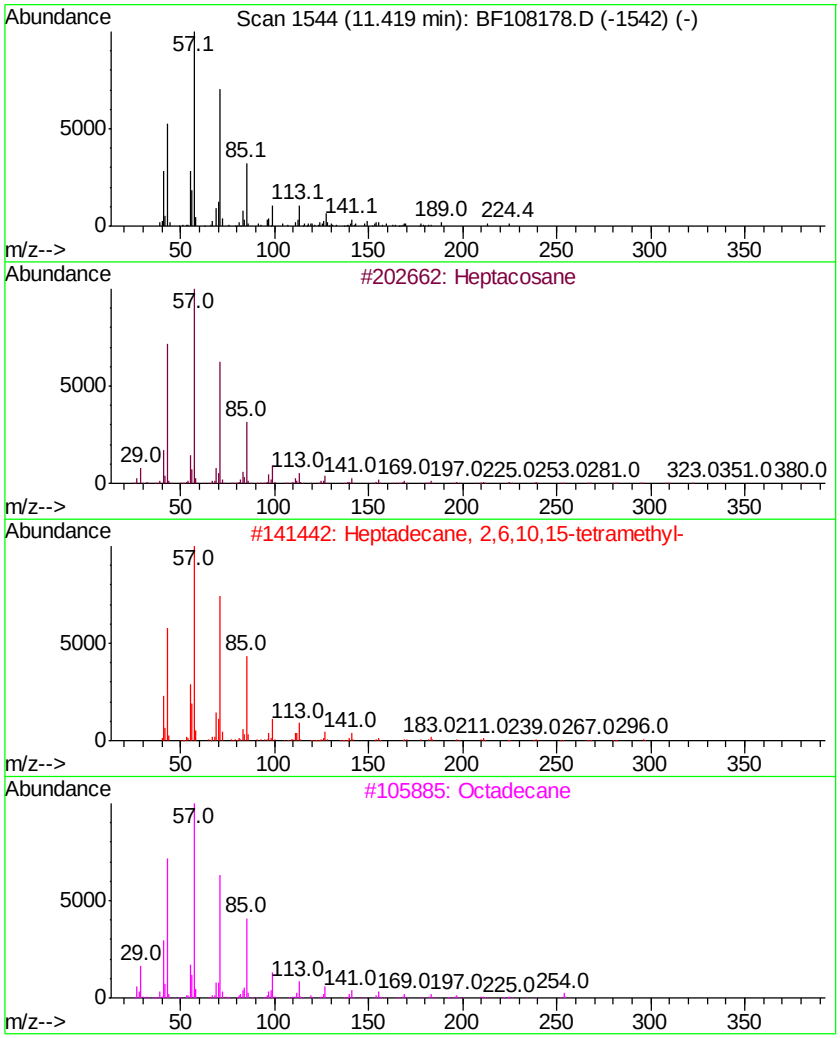
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

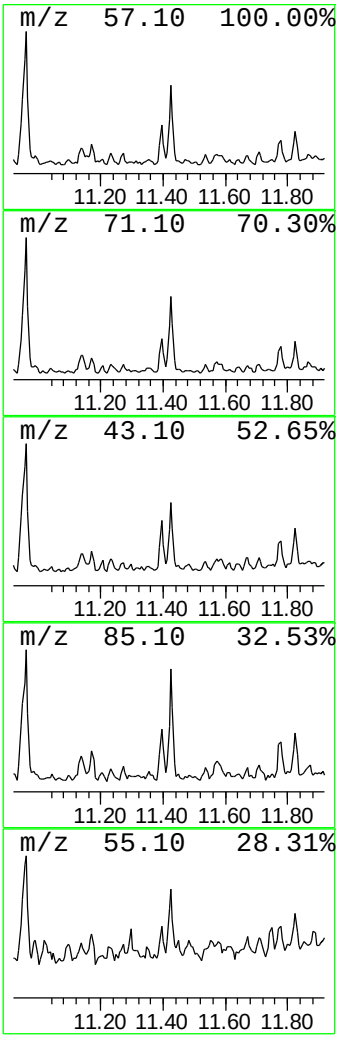
****

Peak Number 8 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.05 ng	172002	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Octadecane	254	C18H38	000593-45-3	78
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	58
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108178.D
Acq On : 15 Aug 2018 21:06
Operator : JU/SJ
Sample : J4460-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

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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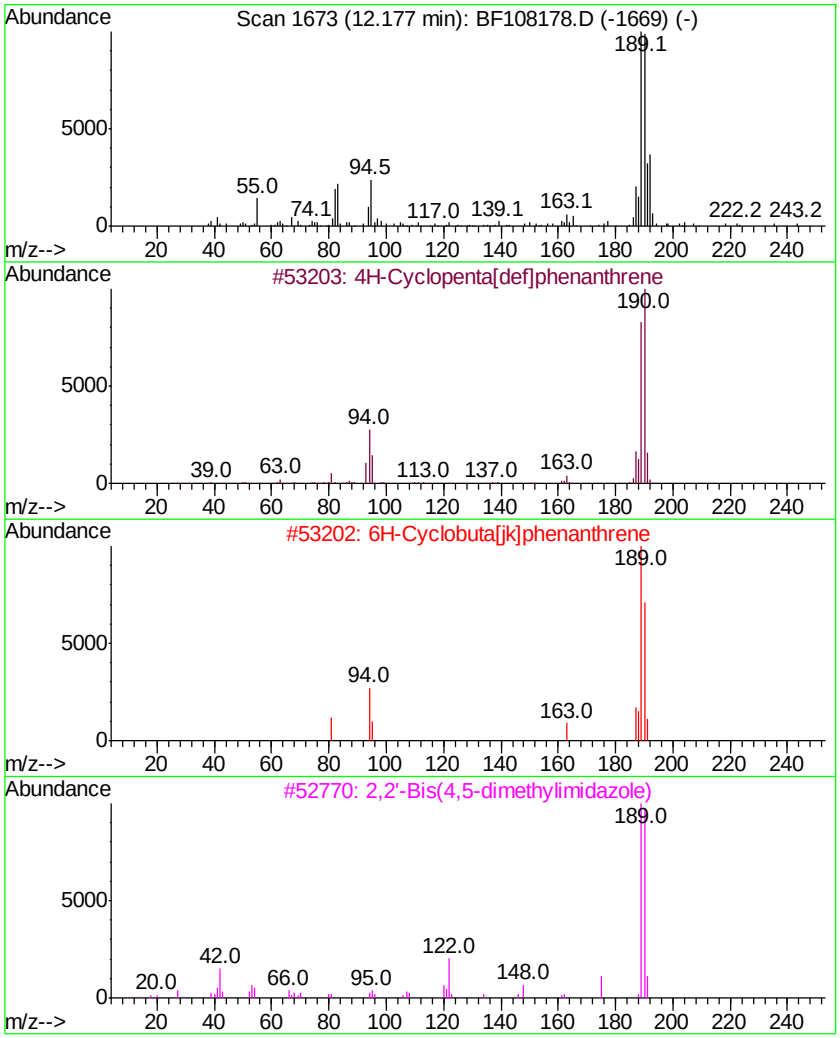
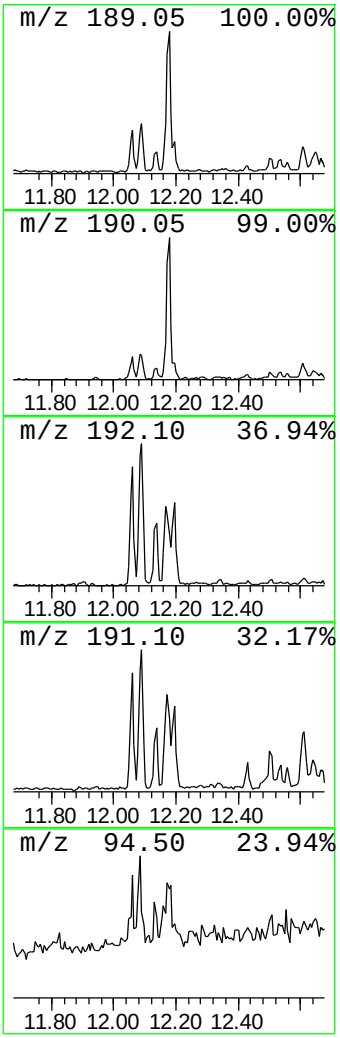
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.03 ng	170324	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	28





Library Search Compound Report

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Data File : BF108178.D
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Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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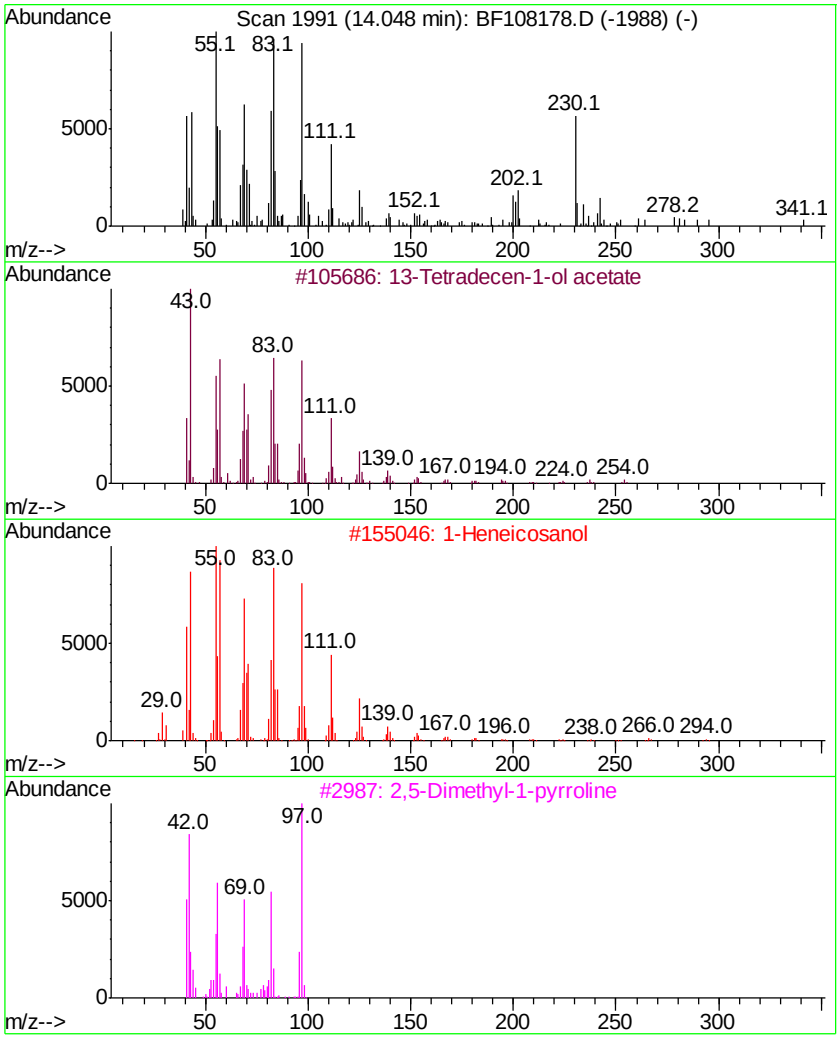
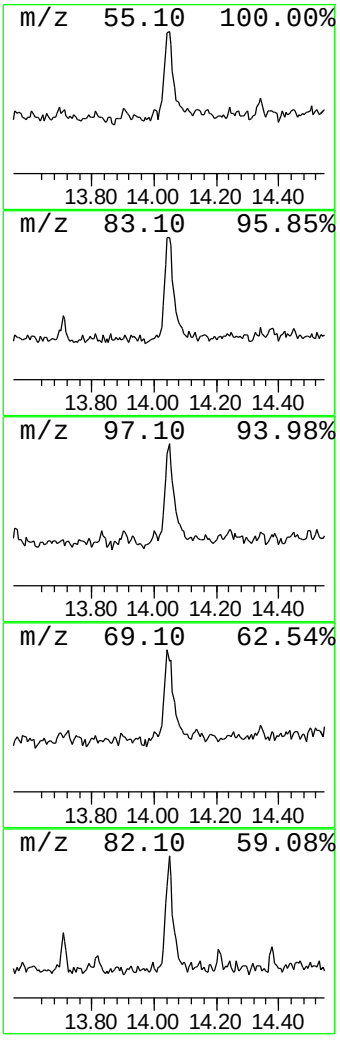
Peak Number 10 13-Tetradecen-1-ol acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	4.84 ng	372362	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	72
2	1-Heneicosanol	312	C21H44O	015594-90-8	64
3	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	50
4	4,4-Dimethylpent-2-enal	112	C7H12O	1000195-01-6	41
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	38





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Data File : BF108178.D
Acq On : 15 Aug 2018 21:06
Operator : JU/SJ
Sample : J4460-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081018-FL-011

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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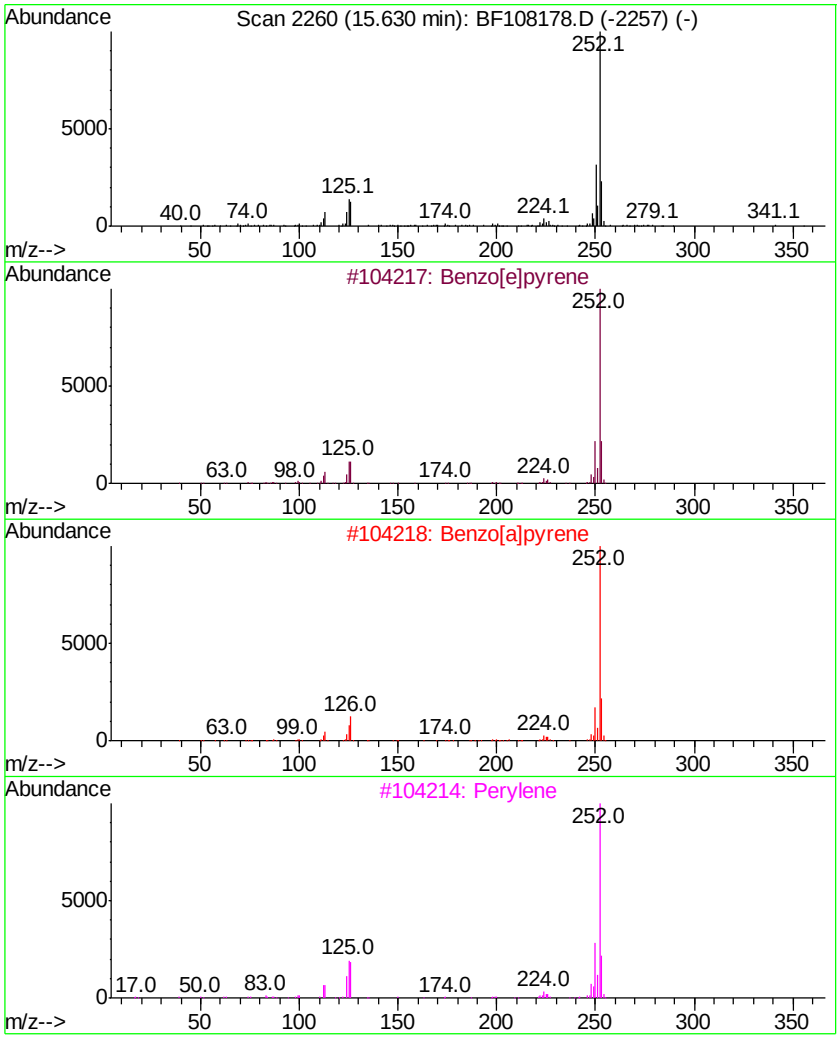
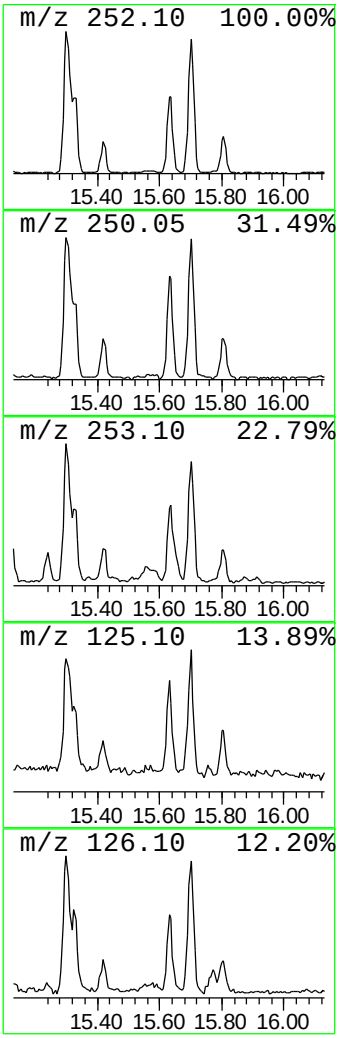
Peak Number 11 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	3.21 ng	207786	Perylene-d12	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

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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...	2.40	10.9	ng	734380	1	7.02	1344790	20.0
2-Pentanone, 4-hy...	5.27	15.6	ng	1048660	1	7.02	1344790	20.0
unknown6.79	6.79	77.0	ng	5178450	1	7.02	1344790	20.0
Octacosane	10.47	2.3	ng	217715	3	10.06	1857720	20.0
Octane, 2-methyl-	10.69	3.1	ng	290382	3	10.06	1857720	20.0
Pentadecane, 2,6,...	10.96	6.4	ng	537089	4	11.56	1675100	20.0
Heptacosane	11.42	2.0	ng	172002	4	11.56	1675100	20.0
4H-Cyclopenta[def...	12.18	2.0	ng	170324	4	11.56	1675100	20.0
13-Tetradecen-1-o...	14.05	4.8	ng	372362	5	14.21	1539050	20.0
Benzo[e]pyrene	15.63	3.2	ng	207786	6	15.77	1293350	20.0