LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110641.D
Acq On : 9 Nov 2018 21:36
Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

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-BF110818.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	2.257	24	29	39	rVB	277191	366975	18.42%	1.970%
2	5.181	523	526	536	rBV	43365	64798	3.25%	0.348%
3	5.563	587	591	612	rBV	1601860	1599238	80.28%	8.587%
4	6.569	757	762	768	rBV	1692589	1810391	90.88%	9.721%
5	6.610	768	769	779	rVB	30403	31854	1.60%	0.171%
6	6.710	782	786	790	rBV	1763673	1761502	88.43%	9.458%
7	6.945	822	826	832	rBV	556869	506245	25.41%	2.718%
8	7.098	848	852	869	rBV	1514322	1336391	67.09%	7.176%
9	7.510	917	922	938	rBV	1102200	1119428	56.20%	6.011%
10	8.228	1040	1044	1056	rBV	704952	703104	35.30%	3.775%
11	9.298	1221	1226	1229	rBV	2347140	1991978	100.00%	10.696%
12	9.692	1289	1293	1300	rBV	225849	216788	10.88%	1.164%
13	9.986	1338	1343	1351	rBV	888044	800735	40.20%	4.300%
14	10.774	1474	1477	1489	rBV	1139540	1144539	57.46%	6.146%
15	11.480	1593	1597	1599	rBV	824025	748914	37.60%	4.021%
16	11.504	1599	1601	1605	rVB	119217	101098	5.08%	0.543%
17	11.980	1679	1682	1686	rBV	95320	89951	4.52%	0.483%
18	12.698	1800	1804	1809	rBV	209541	182851	9.18%	0.982%
19	12.768	1813	1816	1821	rBV4	24397	29246	1.47%	0.157%
20	12.910	1837	1840	1841	rBV2	26117	24557	1.23%	0.132%
21	12.927	1841	1843	1849	rVB	152336	129390	6.50%	0.695%
22	13.063	1861	1866	1869	rBV	1732848	1484209	74.51%	7.969%
23	13.257	1893	1899	1903	rVB3	18567	31785	1.60%	0.171%
24	13.933	2011	2014	2020	rBV2	142800	174145	8.74%	0.935%
25	14.127	2042	2047	2050	rBV	592721	567996	28.51%	3.050%
26	14.151	2050	2051	2058	rVB	62059	53835	2.70%	0.289%
27	14.251	2063	2068	2072	rBV2	20069	27857	1.40%	0.150%
28	14.557	2116	2120	2128	rBV4	54285	98248	4.93%	0.528%
29	14.874	2170	2174	2177	rBV	59877	63670	3.20%	0.342%
30	14.951	2185	2187	2191	rVB	25006	24343	1.22%	0.131%
31	15.033	2197	2201	2205	rVB5	37659	40823	2.05%	0.219%
32	15.204	2225	2230	2231	rBV	62859	84588	4.25%	0.454%
33	15.227	2231	2234	2237	rVV	114723	135814	6.82%	0.729%
34	15.262	2237	2240	2245	rVB6	19923	30028	1.51%	0.161%

LSC Area Percent Report

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Acq On : 9 Nov 2018 21:36
Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.521	2281	2284	2288	rVB	37777	43563	2.19%	0.234%
36	15.586	2291	2295	2298	rBV	43074	60401	3.03%	0.324%
37	15.621	2298	2301	2303	rVV2	67235	87261	4.38%	0.469%
38	15.651	2303	2306	2311	rVB	317513	416547	20.91%	2.237%
39	16.074	2374	2378	2384	rVB	86768	126900	6.37%	0.681%
40	16.139	2385	2389	2397	rVV9	17660	47969	2.41%	0.258%
41	16.603	2463	2468	2473	rBV2	44027	73578	3.69%	0.395%
42	16.815	2500	2504	2508	rBV7	15451	23785	1.19%	0.128%
43	17.221	2567	2573	2581	rVB2	45861	104263	5.23%	0.560%
44	17.698	2651	2654	2662	rVB4	15763	31532	1.58%	0.169%
45	17.956	2694	2698	2703	rBV8	13481	30685	1.54%	0.165%

Sum of corrected areas: 18623798

LSC Report - Integrated Chromatogram

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Sample : J5813-06
Misc :
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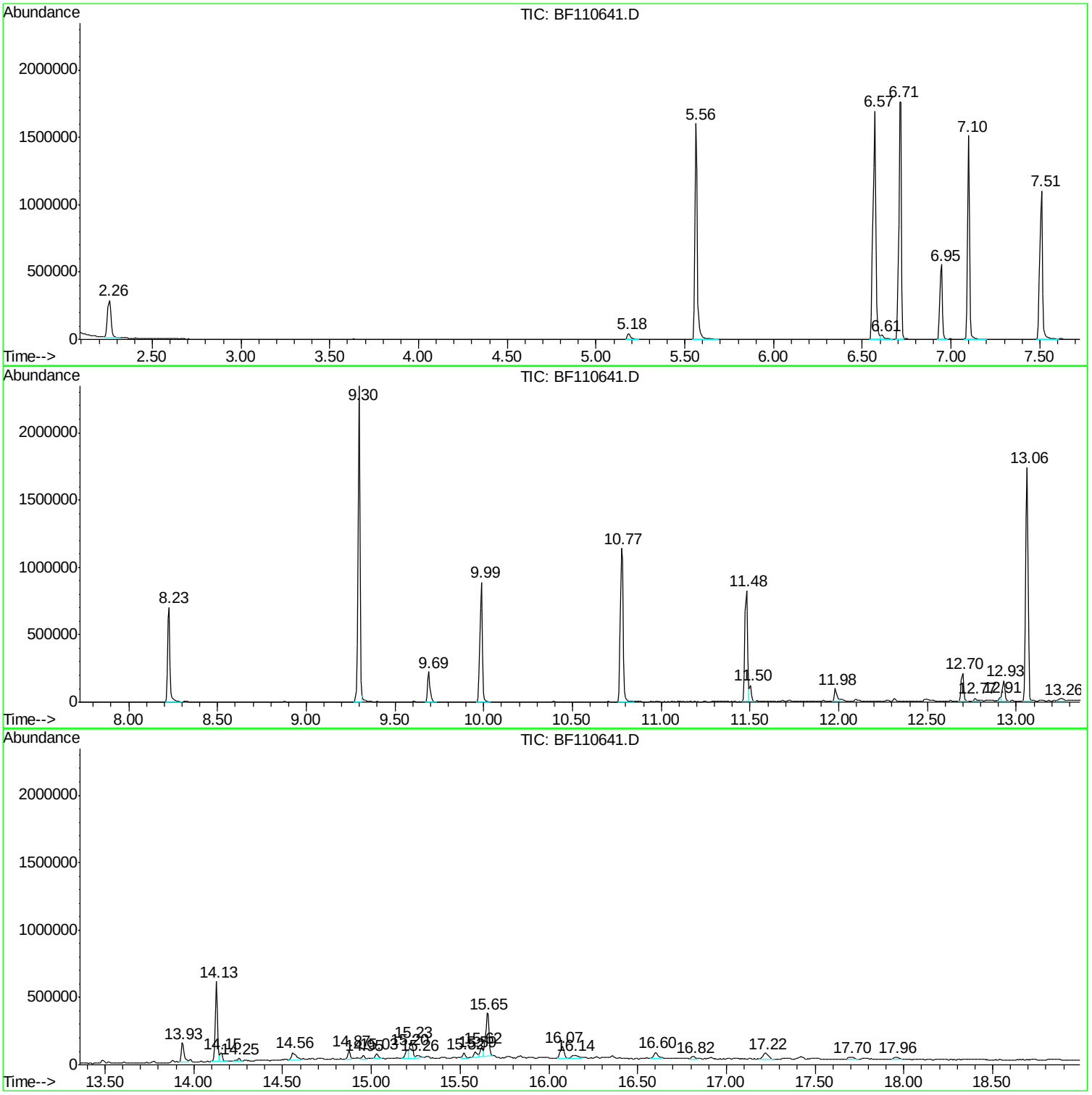
Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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\BF110918\
Data File : BF110641.D
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Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

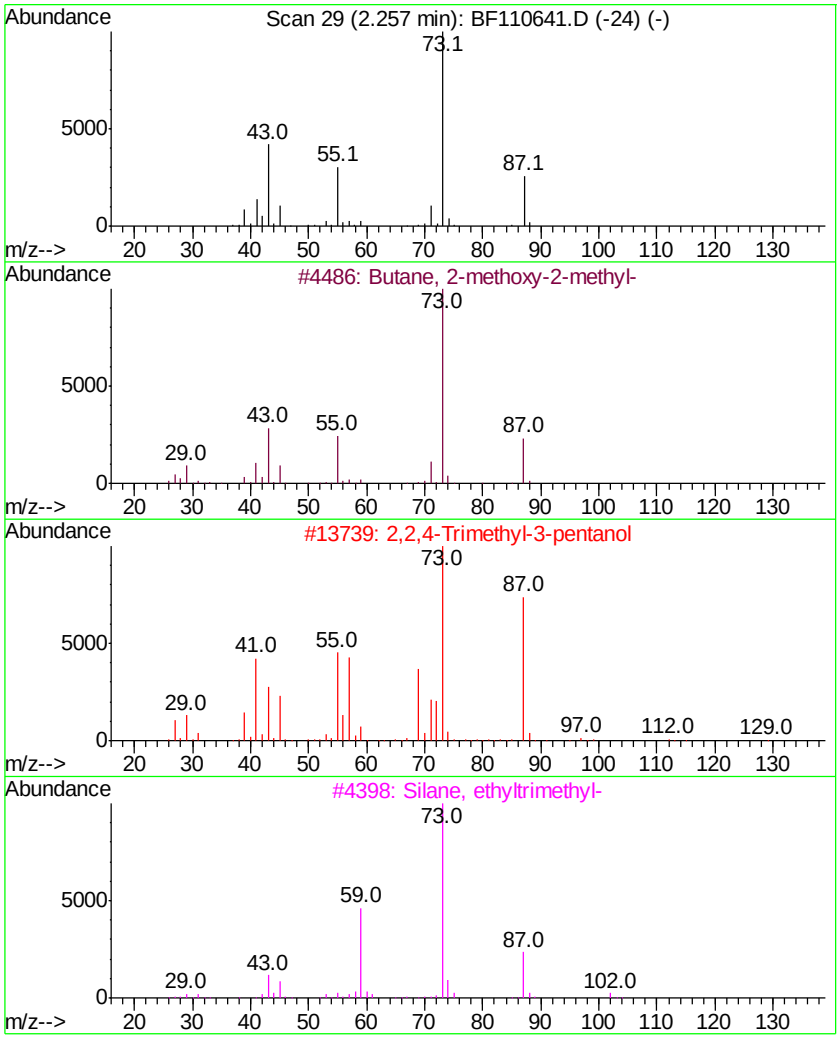
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

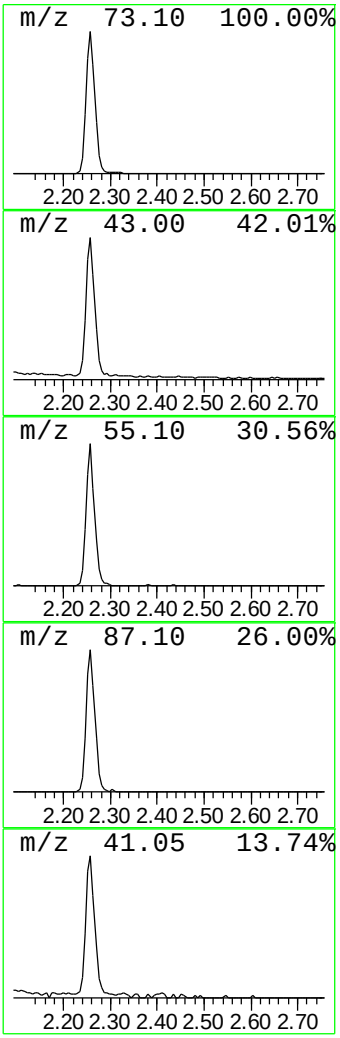
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	14.50 ng	366975	1,4-Dichlorobenzene-d4	6.95

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	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





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Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

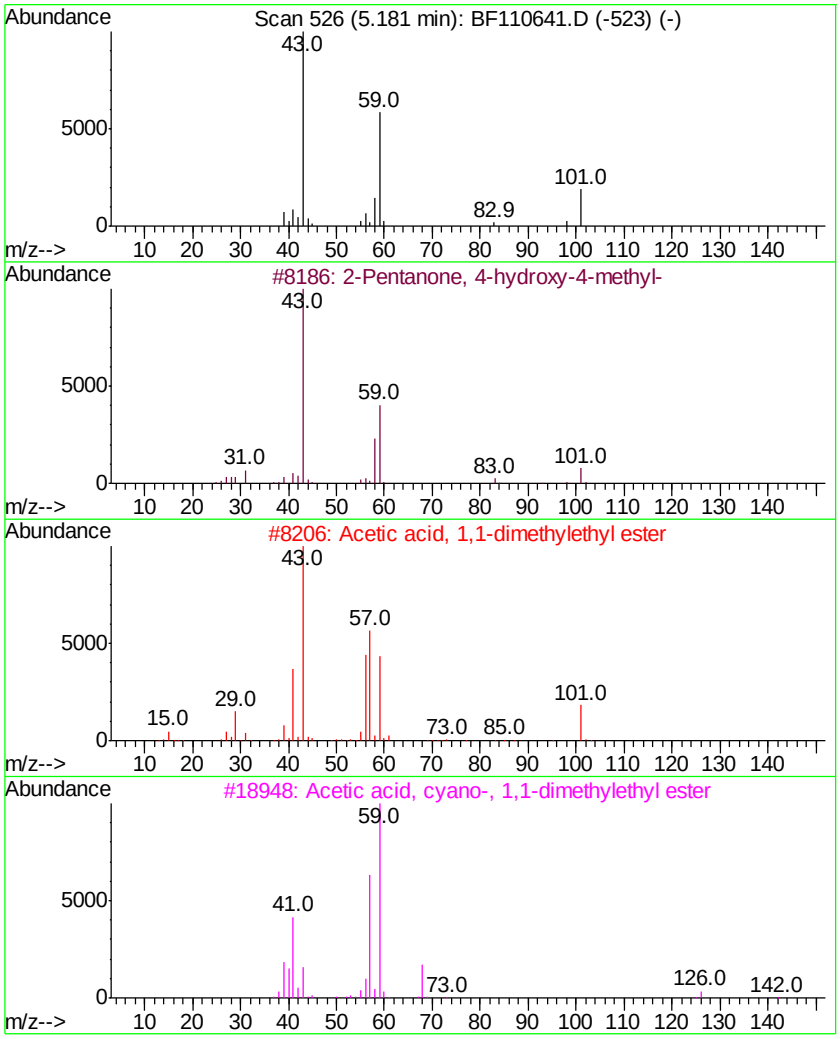
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

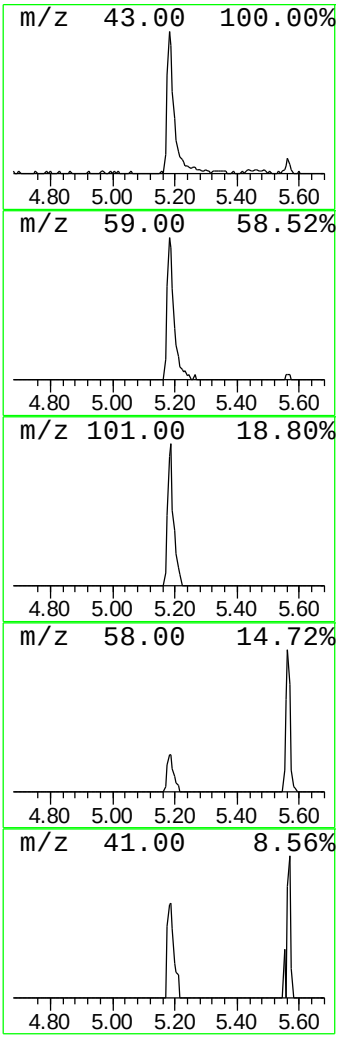
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.56 ng	64798	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Propylamine	59	C3H9N	000107-10-8	9
5	Acetamide	59	C2H5NO	000060-35-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110641.D
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Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

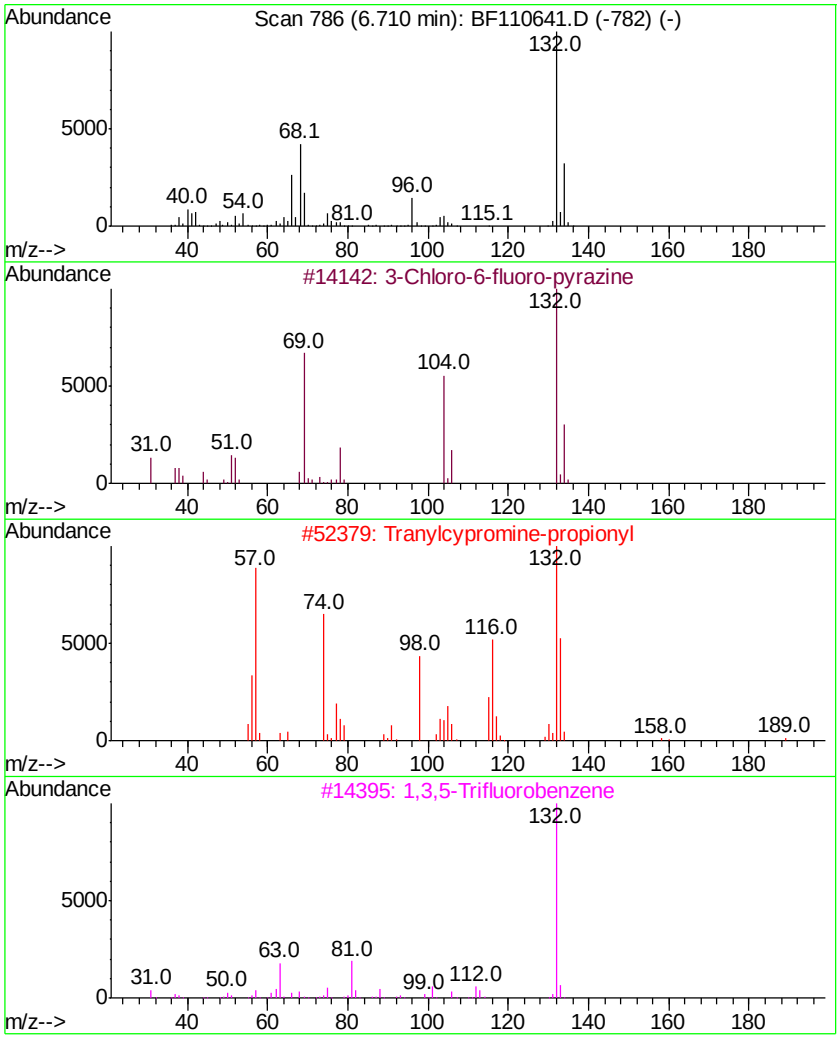
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

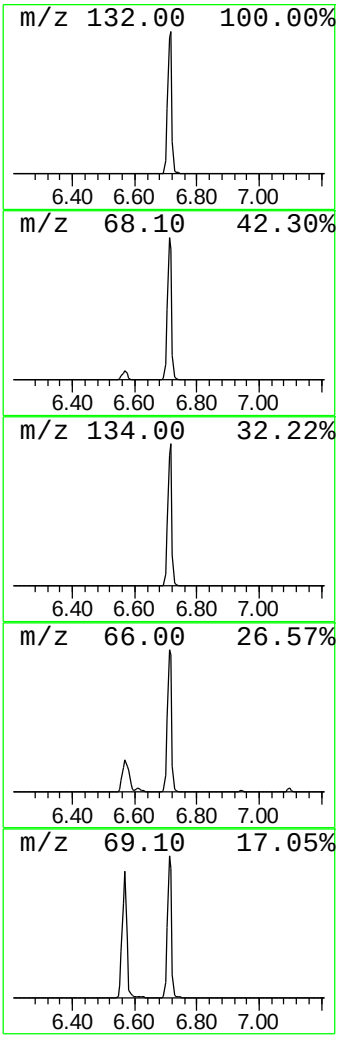
****

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	69.59 ng	1761500	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ClientSampleId : TS-F

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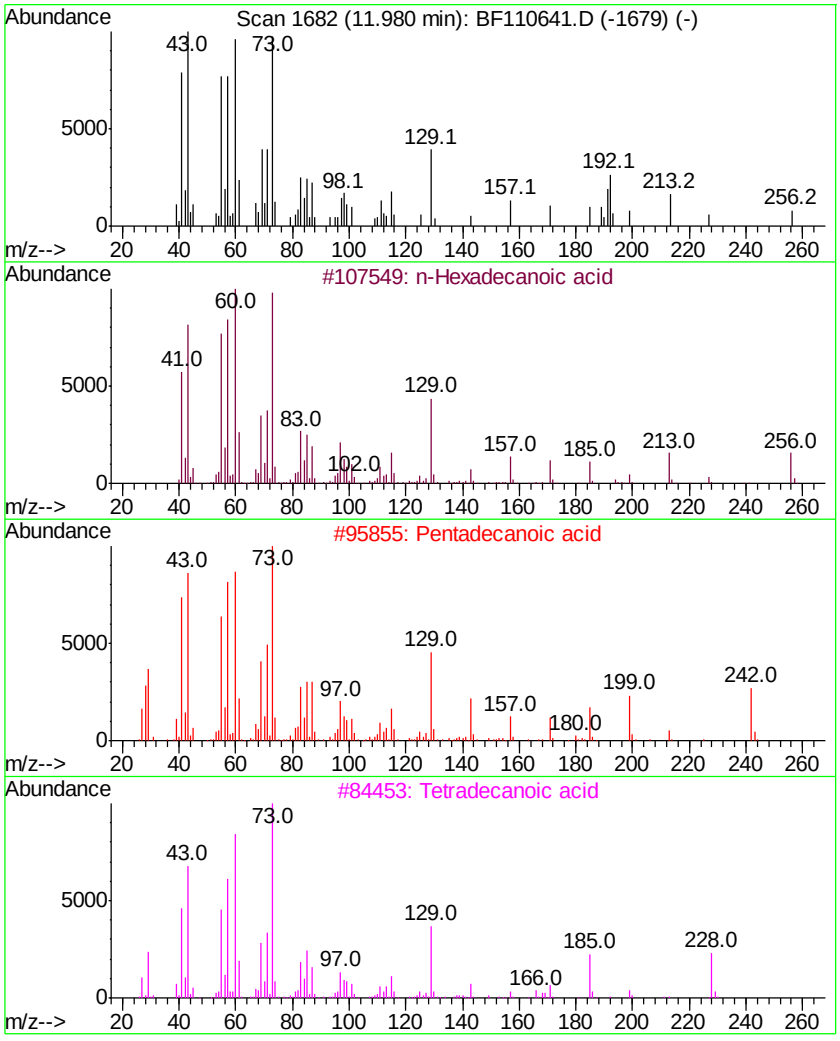
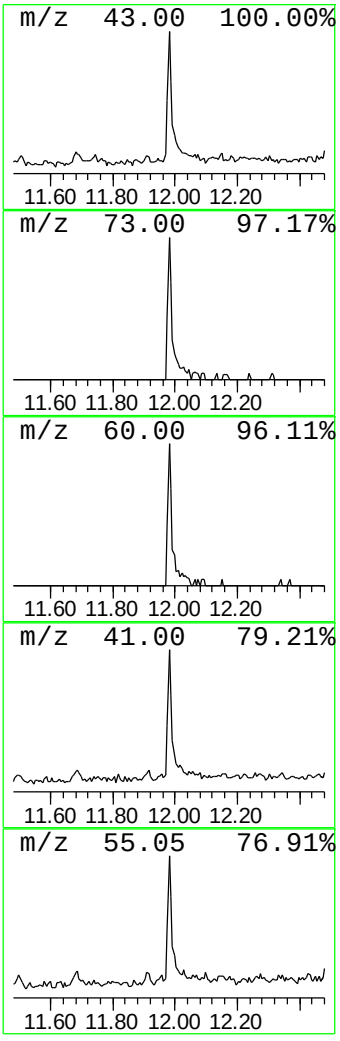
Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.40 ng	89951	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

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Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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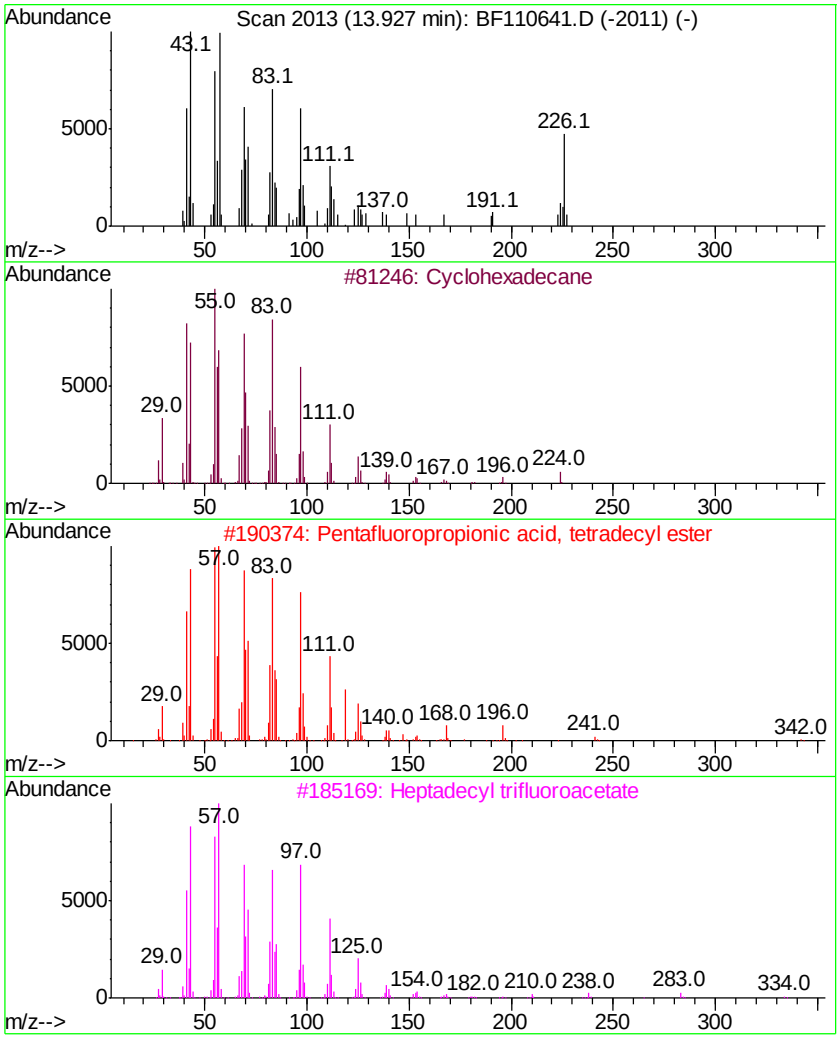
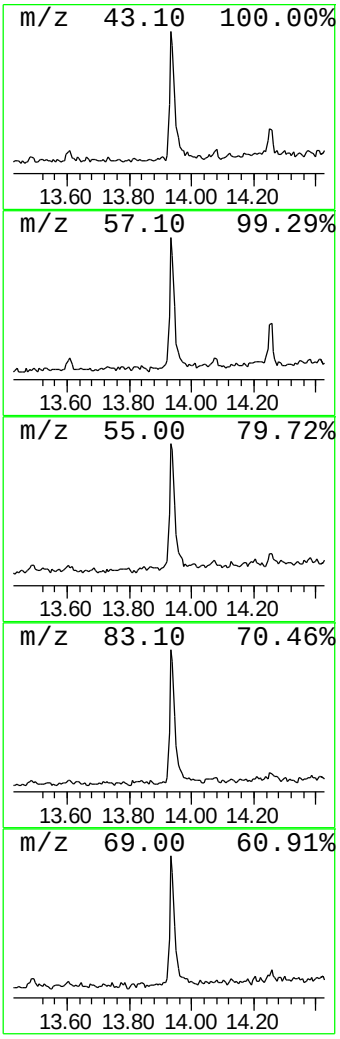
Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	6.13 ng	174145	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87
4	1-Docosene	308	C22H44	001599-67-3	87
5	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	87





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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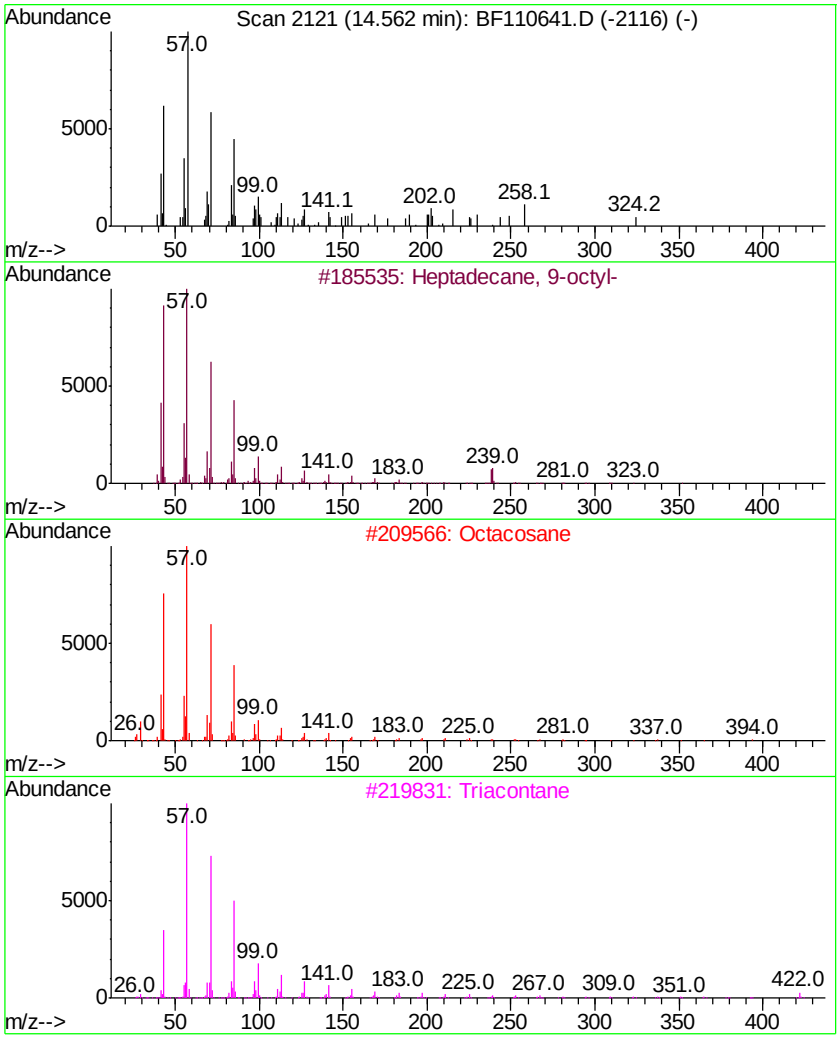
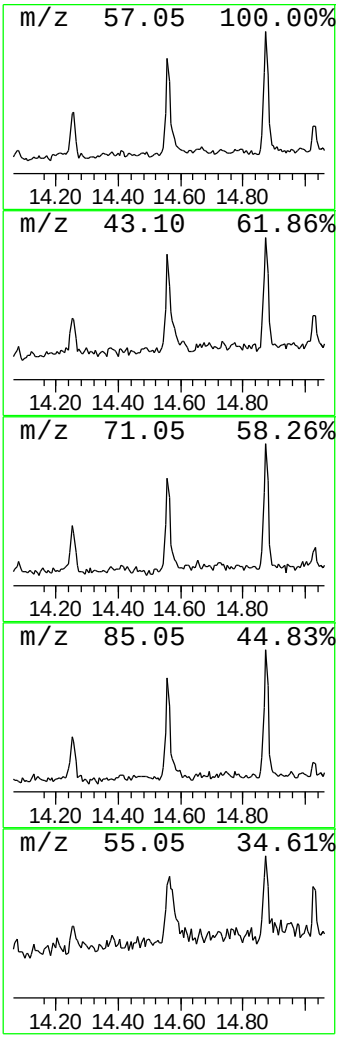
Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.46 ng	98248	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Triacontane	422	C30H62	000638-68-6	83
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





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Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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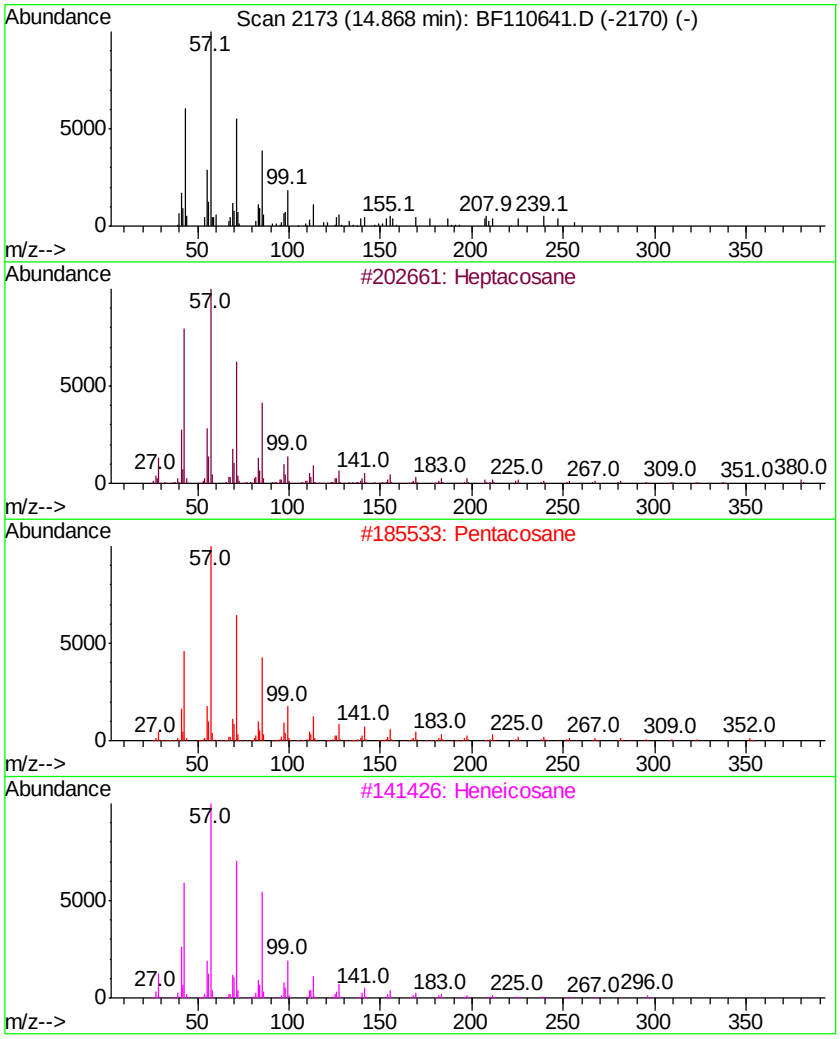
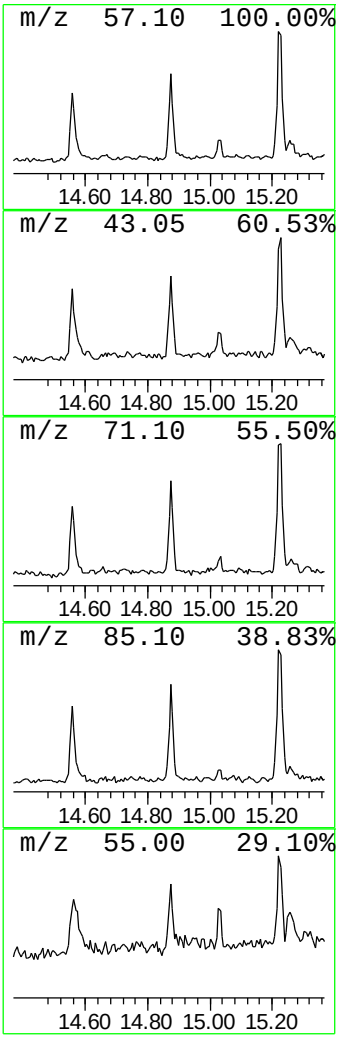
Peak Number 8 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.24 ng	63670	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

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Data File : BF110641.D
Acq On : 9 Nov 2018 21:36
Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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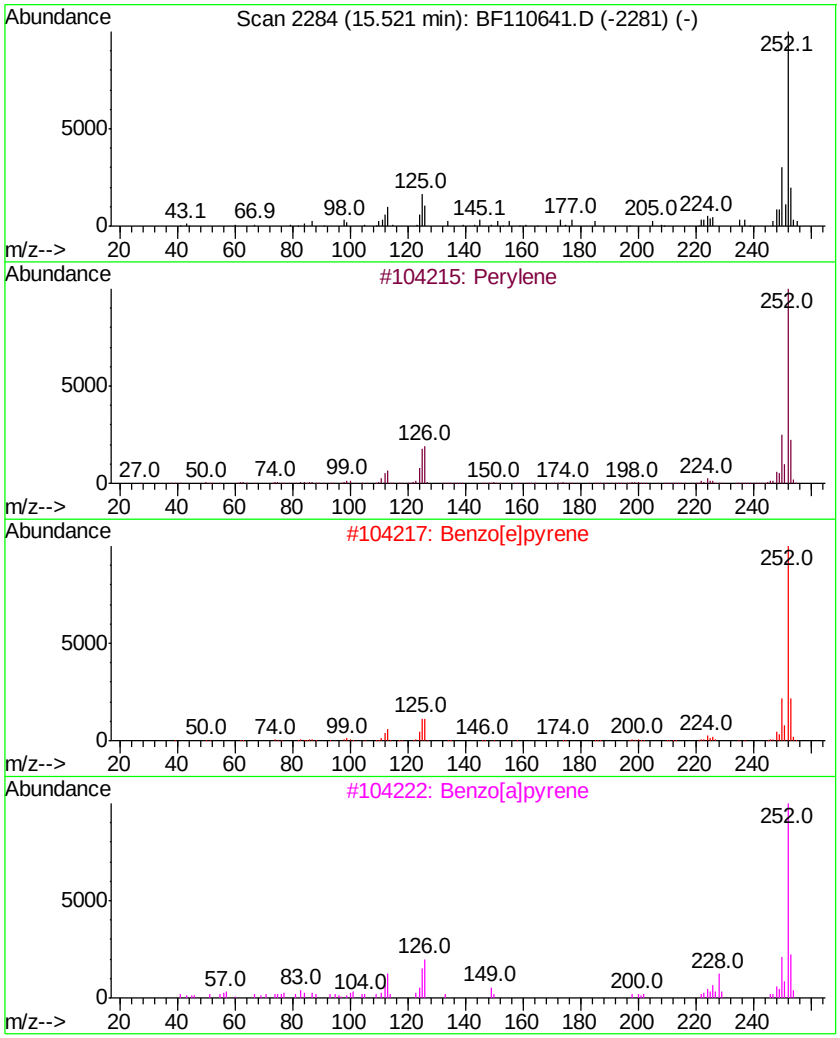
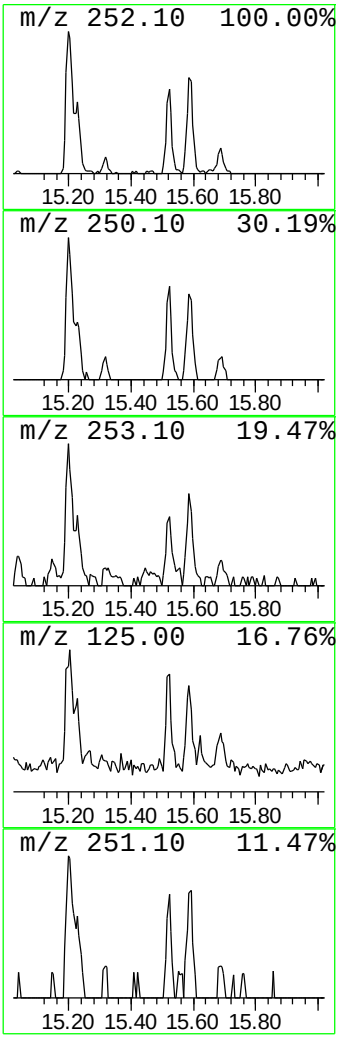
Peak Number 9 Perylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.09 ng	43563	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	89
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70





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Acq On : 9 Nov 2018 21:36
Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

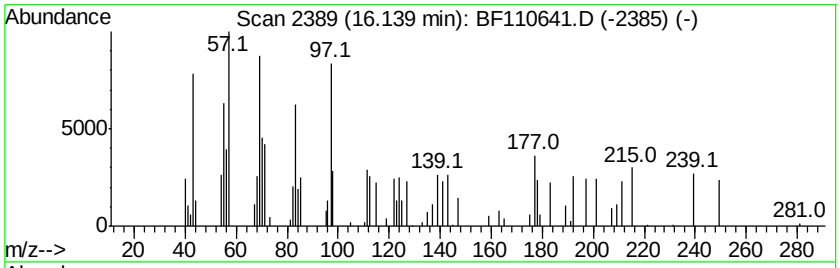
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

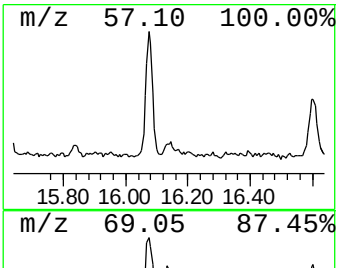
****

Peak Number 11 unknown16.14 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.30 ng	47969	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	43
2	1-Hexadecanol	242	C16H34O	036653-82-4	38
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38
4	7-Tetradecanol	214	C14H30O	003981-79-1	38
5	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110641.D
Acq On : 9 Nov 2018 21:36
Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

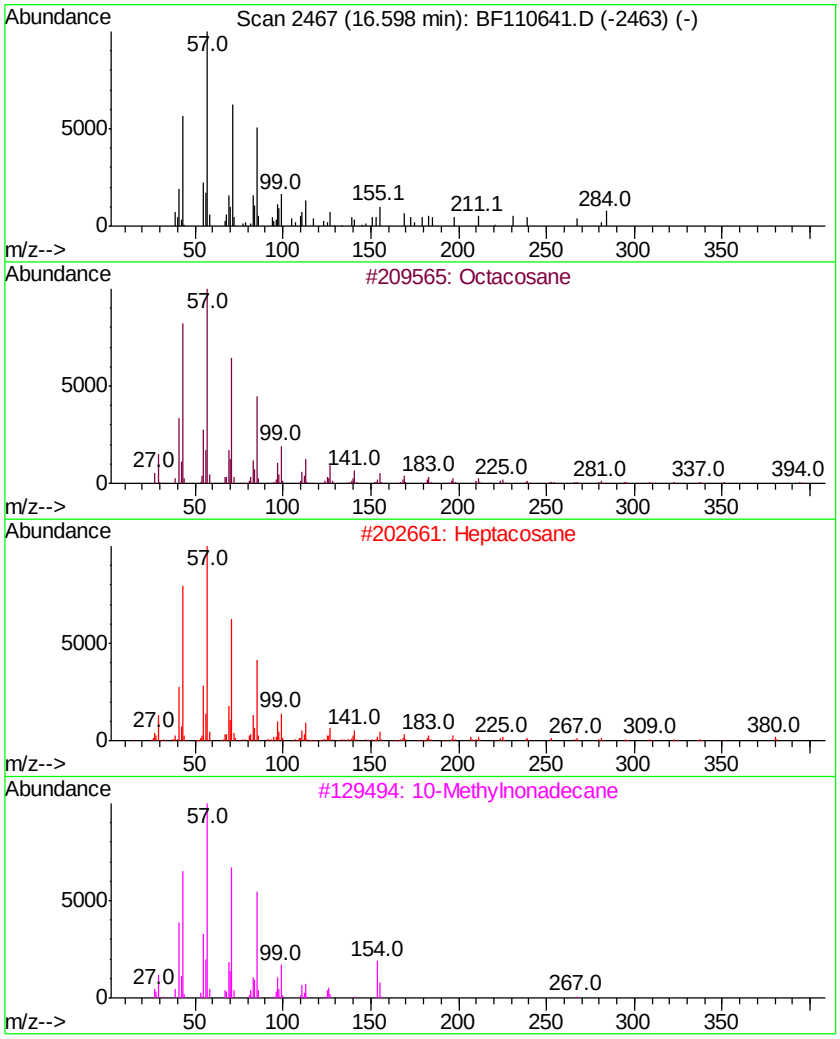
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

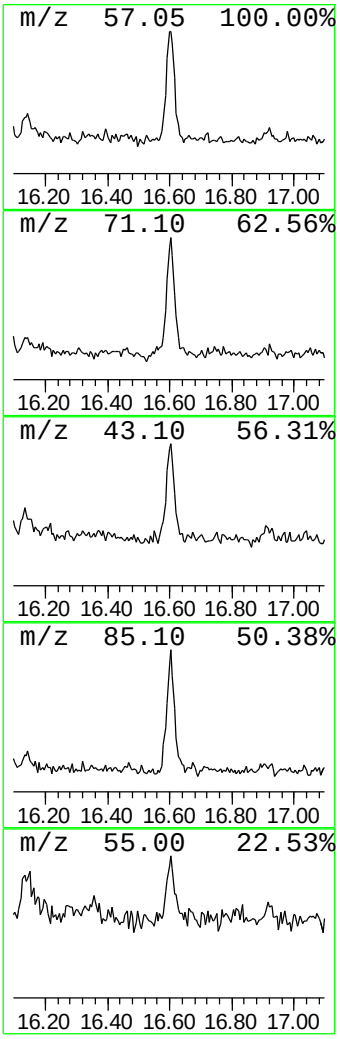
****

Peak Number 12 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	3.53 ng	73578	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	10-Methylnonadecane	282	C20H42	056862-62-5	83
4	Pentacosane	352	C25H52	000629-99-2	80
5	Hexacosane	366	C26H54	000630-01-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
Data File : BF110641.D
Acq On : 9 Nov 2018 21:36
Operator : JU/SJ
Sample : J5813-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-F

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	2.26	14.5	ng	366975	1	6.95	506245	20.0
2-Pentanone, 4-hy...	5.18	2.6	ng	64798	1	6.95	506245	20.0
unknown6.71	6.71	69.6	ng	1761500	1	6.95	506245	20.0
n-Hexadecanoic acid	11.98	2.4	ng	89951	4	11.48	748914	20.0
Cyclohexadecane	13.93	6.1	ng	174145	5	14.13	567996	20.0
Heptadecane, 9-oc...	14.56	3.5	ng	98248	5	14.13	567996	20.0
Heptacosane	14.87	2.2	ng	63670	5	14.13	567996	20.0
Perylene	15.52	2.1	ng	43563	6	15.66	416547	20.0
unknown16.14	16.14	2.3	ng	47969	6	15.66	416547	20.0
Octacosane	16.60	3.5	ng	73578	6	15.66	416547	20.0