LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098878.D
Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-116-2(0-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.210	15	21	29	rVB	82985	113106	3.28%	0.350%
2	5.146	515	520	533	rVB	589508	738045	21.42%	2.285%
3	5.540	581	587	590	rBV	3230639	3261245	94.66%	10.096%
4	6.540	751	757	760	rBV	3054297	3350371	97.25%	10.372%
5	6.687	777	782	785	rBV	3516004	3344440	97.08%	10.353%
6	6.916	817	821	824	rVB	1107763	860541	24.98%	2.664%
7	7.075	843	848	851	rBV	2678260	2524503	73.28%	7.815%
8	7.475	911	916	919	rBV	2080786	2119552	61.52%	6.561%
9	7.545	924	928	934	rVB	42295	37317	1.08%	0.116%
10	8.198	1035	1039	1042	rBV	1318239	1141951	33.15%	3.535%
11	9.269	1216	1221	1224	rBV	3534049	3445111	100.00%	10.665%
12	9.663	1284	1288	1291	rBV	516852	471334	13.68%	1.459%
13	9.951	1333	1337	1341	rBV2	1300080	1145763	33.26%	3.547%
14	10.375	1406	1409	1411	rVB	47836	39449	1.15%	0.122%
15	10.739	1467	1471	1475	rBV	1858517	1739293	50.49%	5.384%
16	10.845	1486	1489	1498	rBV	67733	66561	1.93%	0.206%
17	11.439	1586	1590	1593	rBV	1231678	1010887	29.34%	3.129%
18	11.951	1673	1677	1682	rBV2	89313	95697	2.78%	0.296%
19	12.651	1793	1796	1802	rBV	66740	66327	1.93%	0.205%
20	12.739	1808	1811	1820	rVB6	29757	39313	1.14%	0.122%
21	12.880	1833	1835	1838	rVB	52359	40800	1.18%	0.126%
22	13.021	1855	1859	1863	rBV	2760697	2703410	78.47%	8.369%
23	13.539	1944	1947	1950	rBV3	30286	36780	1.07%	0.114%
24	13.904	2006	2009	2016	rBV	196078	210219	6.10%	0.651%
25	14.045	2030	2033	2035	rBV	78867	71669	2.08%	0.222%
26	14.080	2035	2039	2042	rVV	949167	921967	26.76%	2.854%
27	14.533	2113	2116	2124	rBV4	68368	115885	3.36%	0.359%
28	14.845	2166	2169	2174	rVB	71234	72062	2.09%	0.223%
29	15.192	2224	2228	2240	rVB	618221	698998	20.29%	2.164%
30	15.568	2287	2292	2304	rVB2	608250	939682	27.28%	2.909%
31	16.033	2366	2371	2376	rVB	183249	270994	7.87%	0.839%
32	16.551	2455	2459	2468	rVB	130665	226690	6.58%	0.702%
33	17.162	2559	2563	2572	rVB	103409	204398	5.93%	0.633%
34	17.892	2682	2687	2694	rVB2	76679	178563	5.18%	0.553%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098878.D
Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 32302923

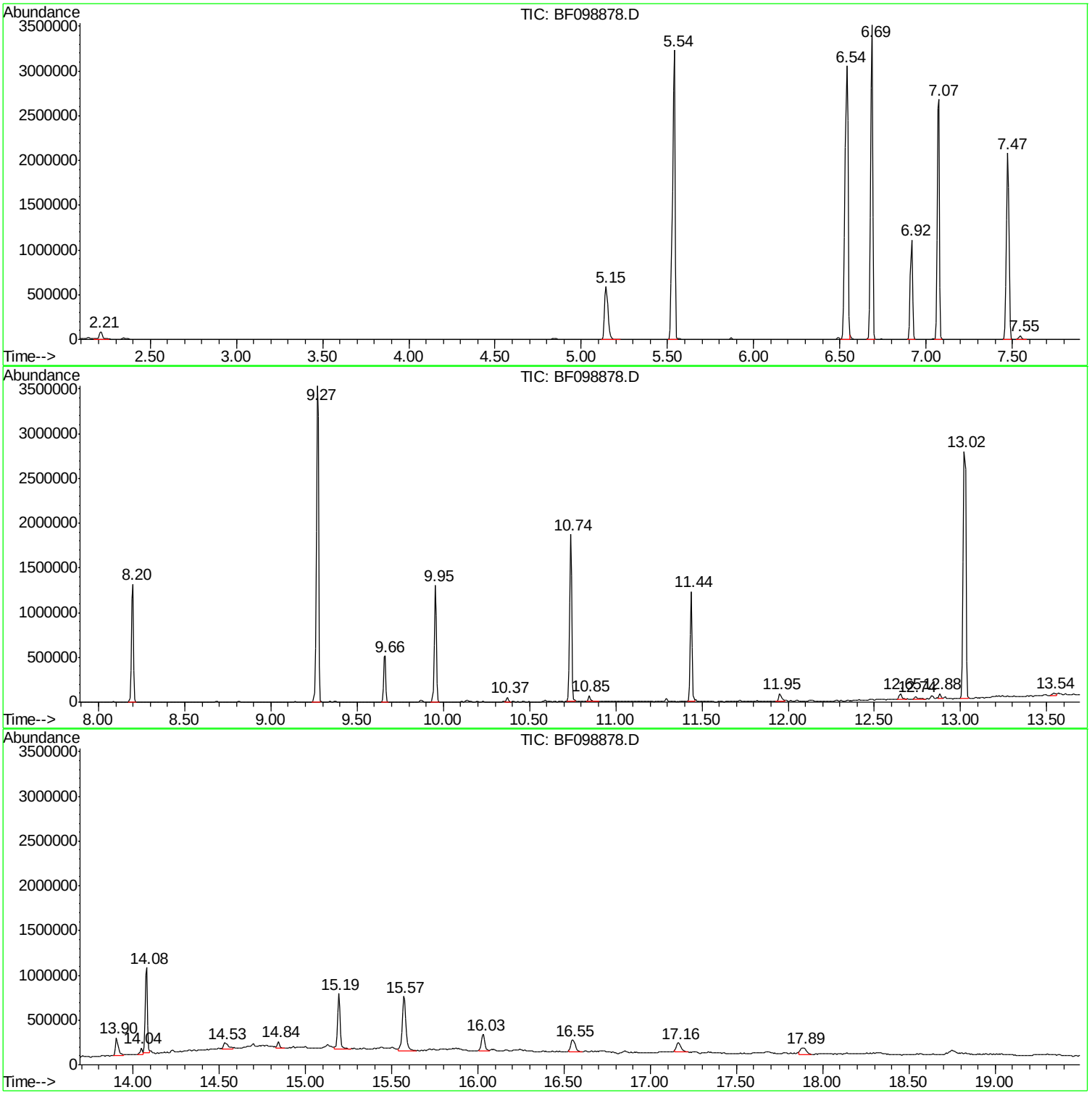
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098878.D
Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098878.D
Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

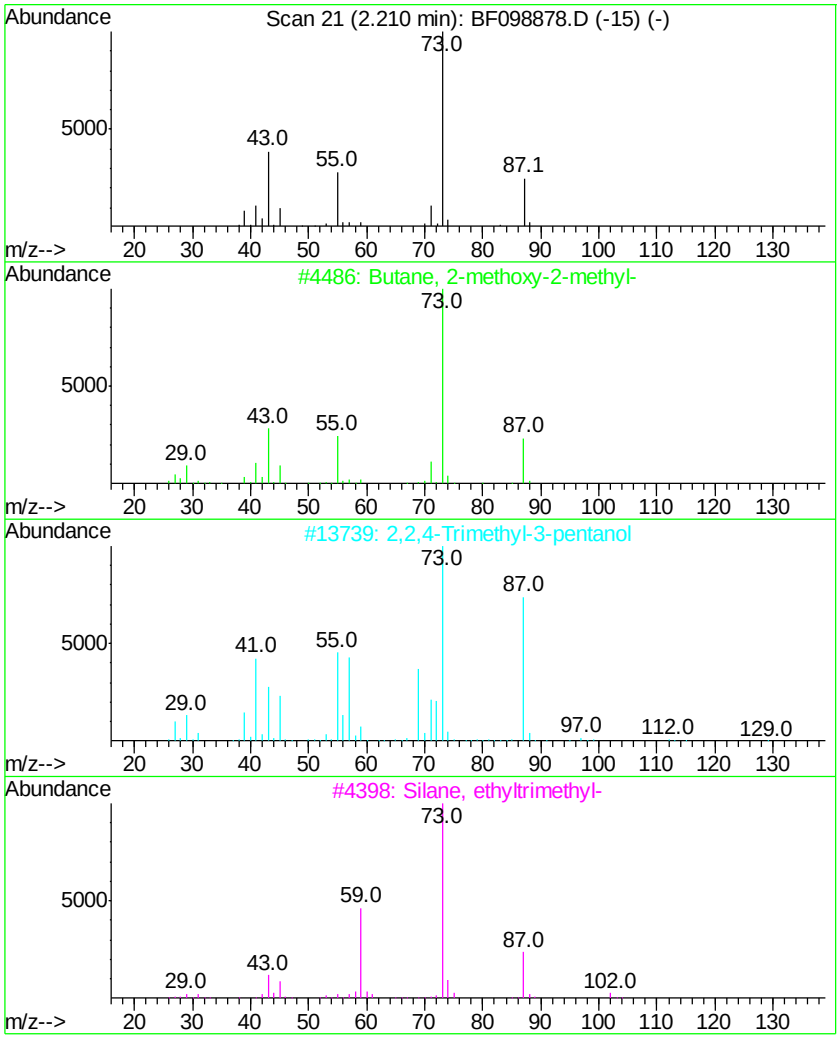
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

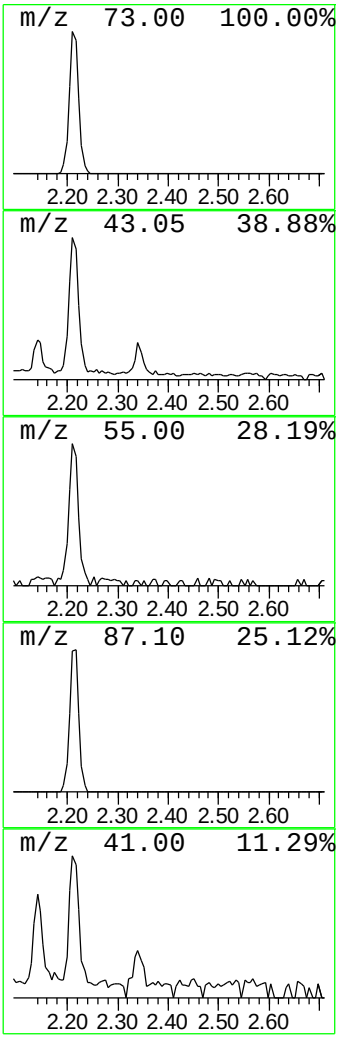
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.63 ng	113106	1,4-Dichlorobenzene-d4	6.92

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, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098878.D
Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

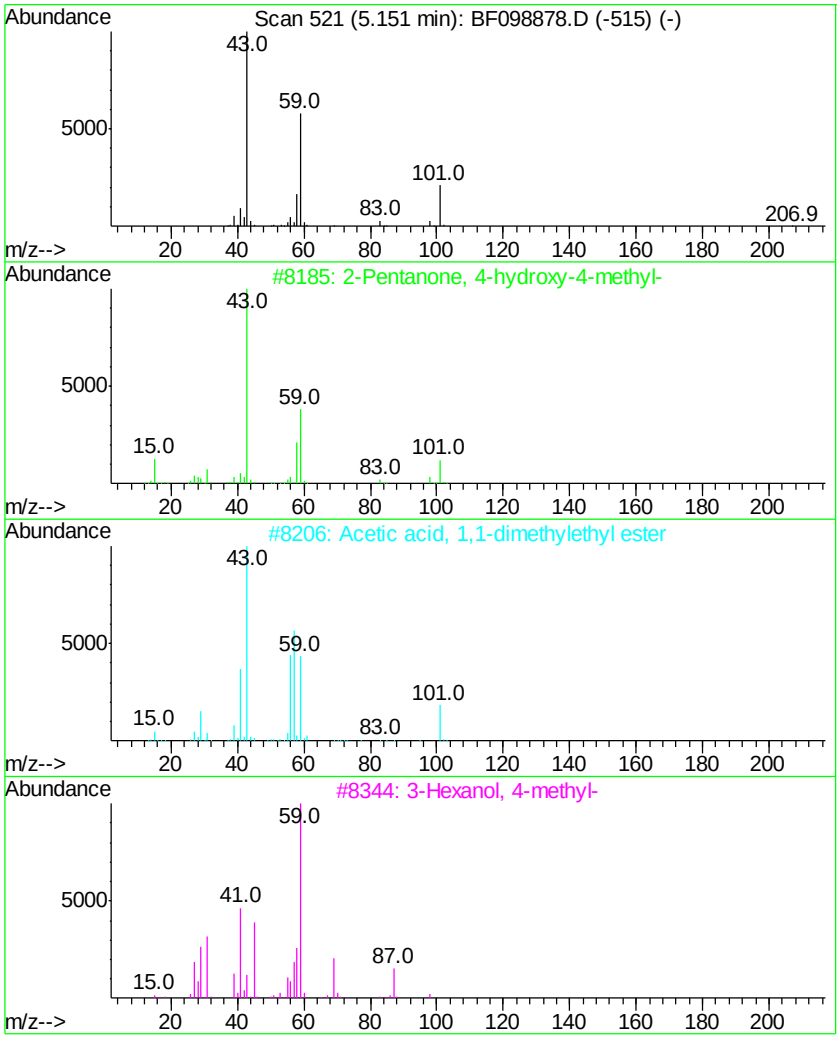
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

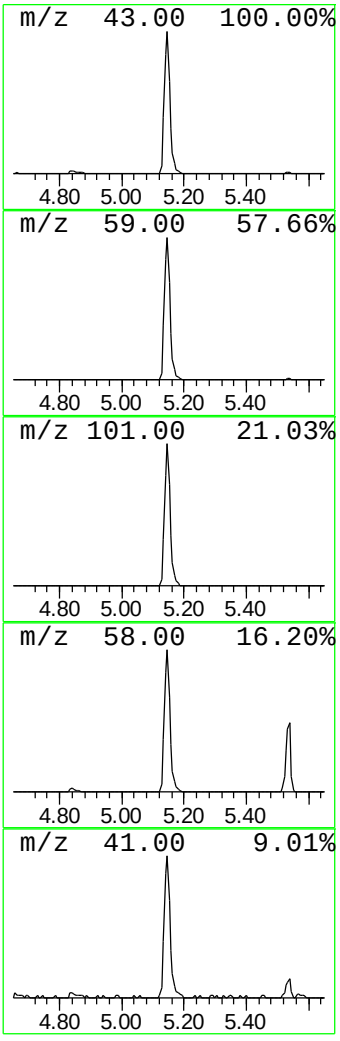
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	17.15 ng	738045	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098878.D
Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

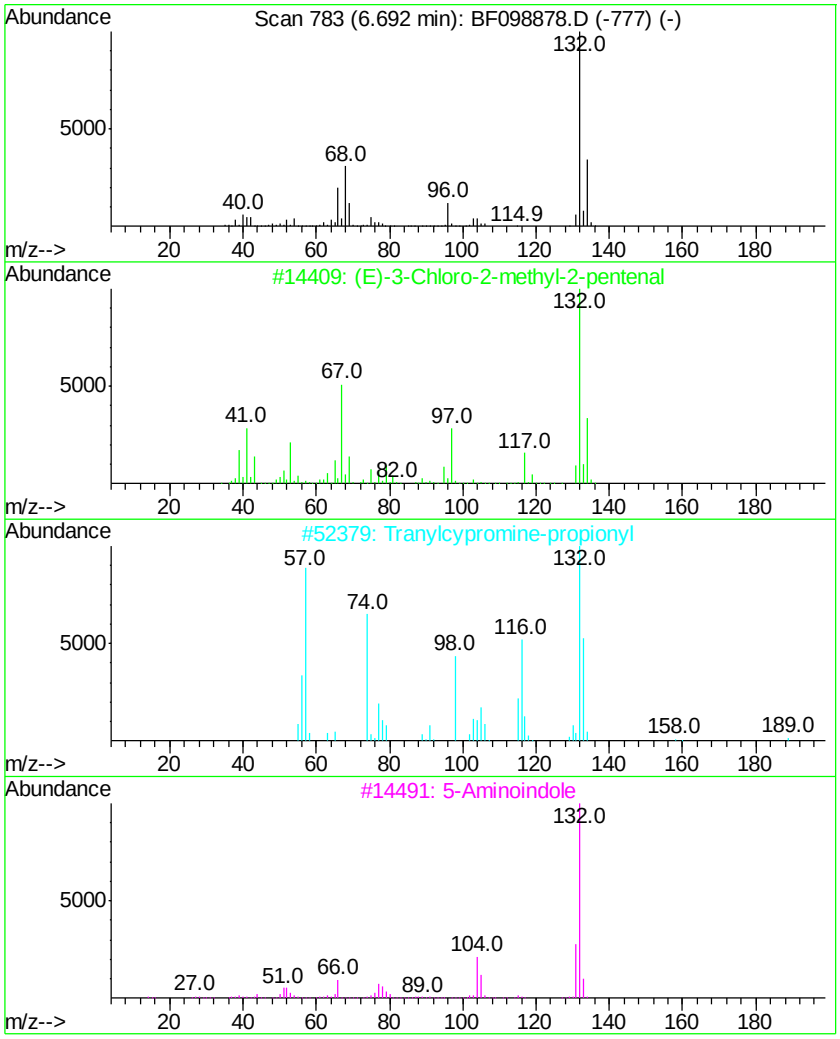
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

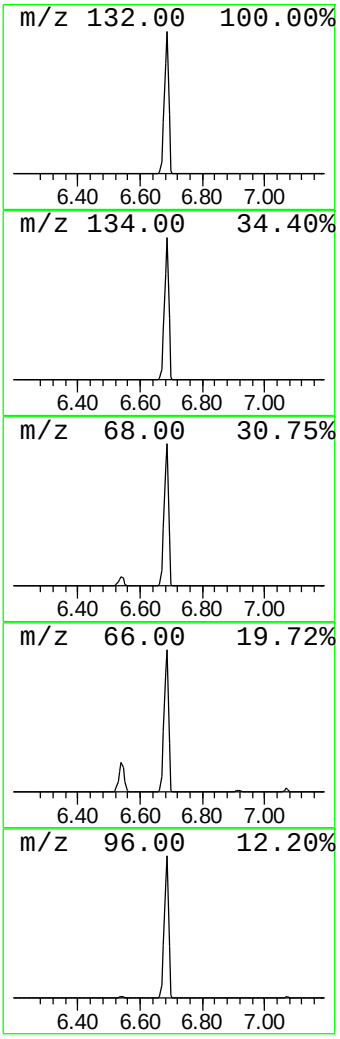
****

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	77.73 ng	3344440	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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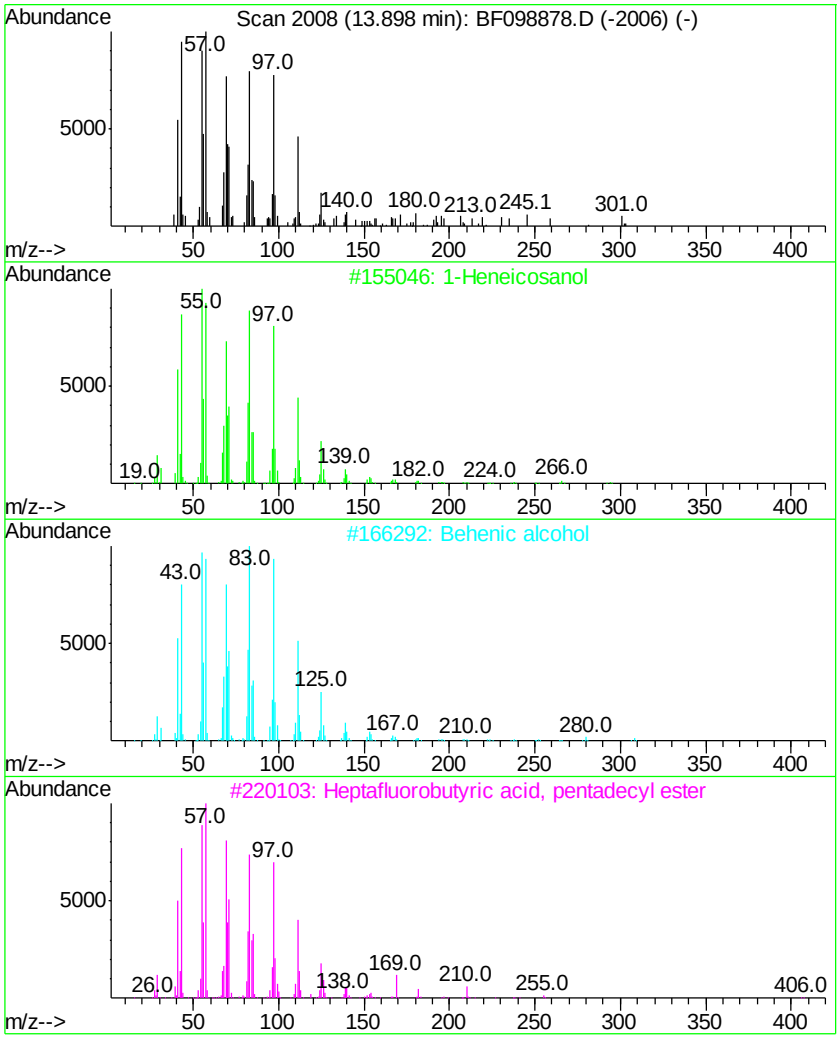
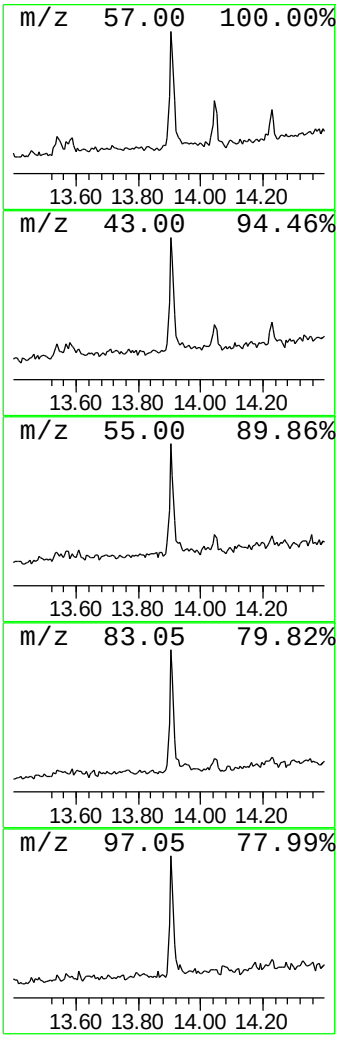
****

Peak Number 5 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.56 ng	210219	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





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Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

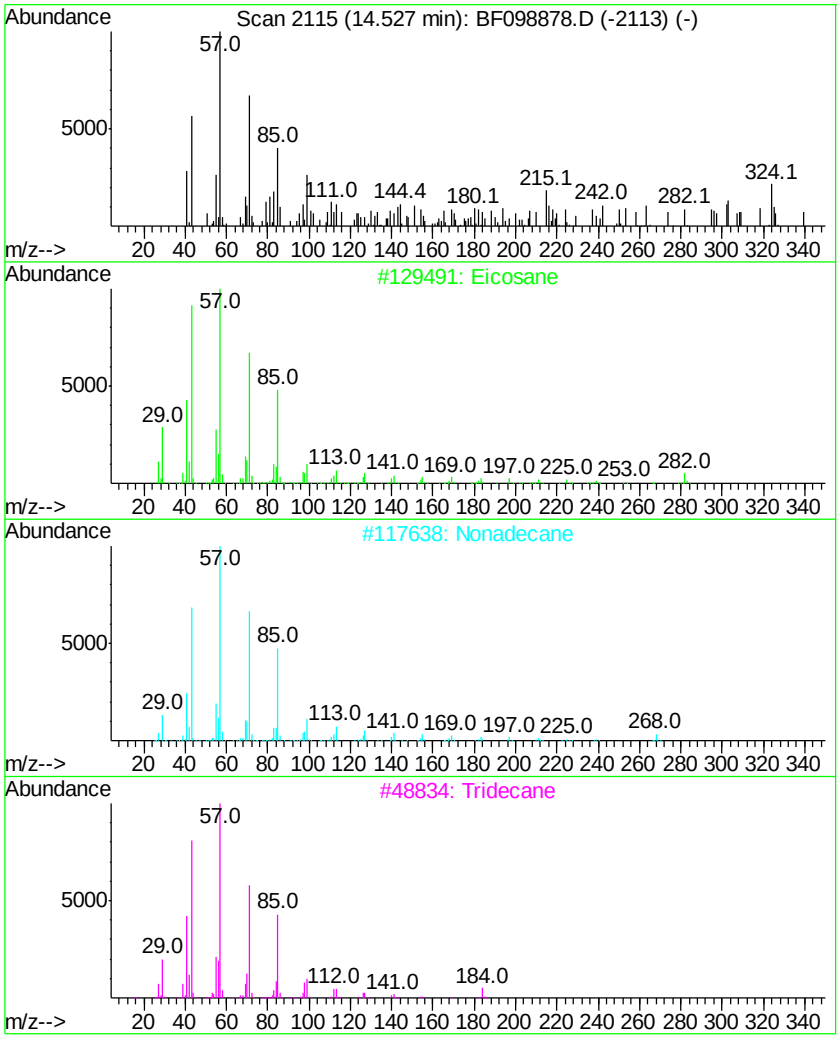
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

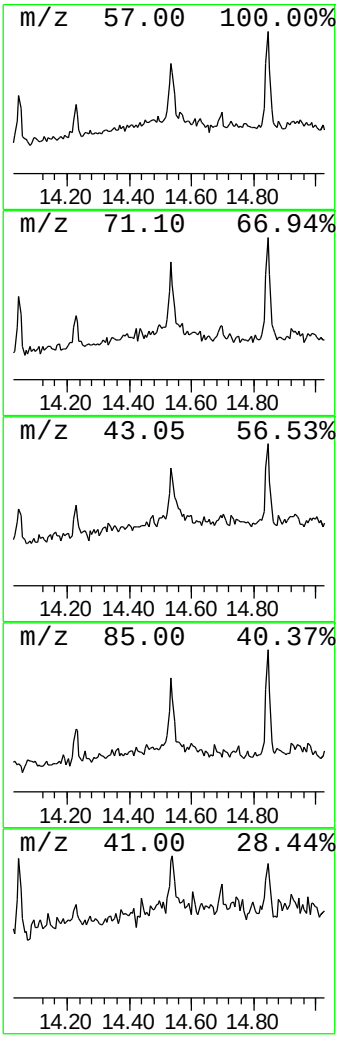
****

Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.51 ng	115885	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tridecane	184	C13H28	000629-50-5	70
4	Tricosane	324	C23H48	000638-67-5	68
5	Tetracosane	338	C24H50	000646-31-1	62





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Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

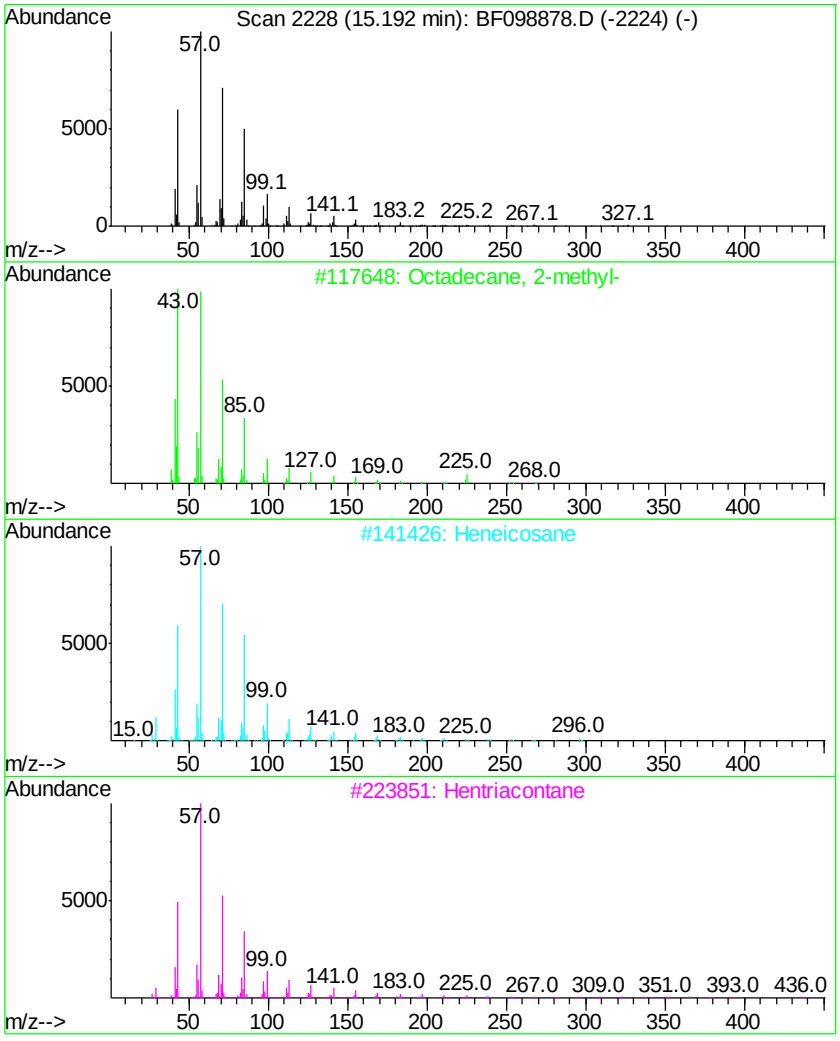
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

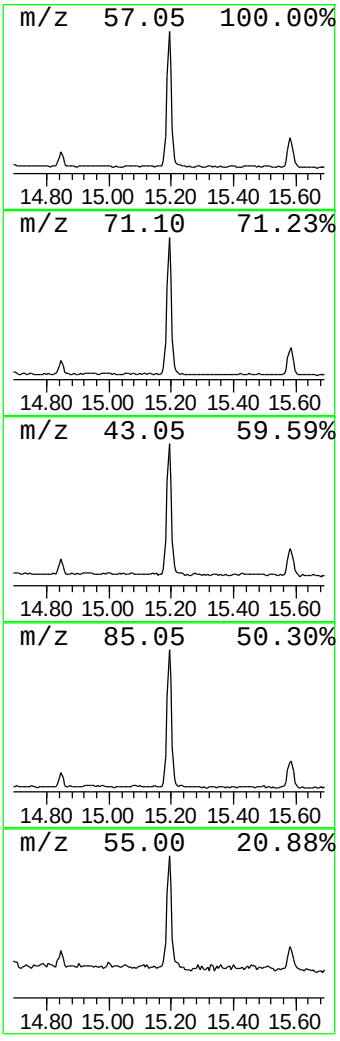
****

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	14.88 ng	698998	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Nonadecane	268	C19H40	000629-92-5	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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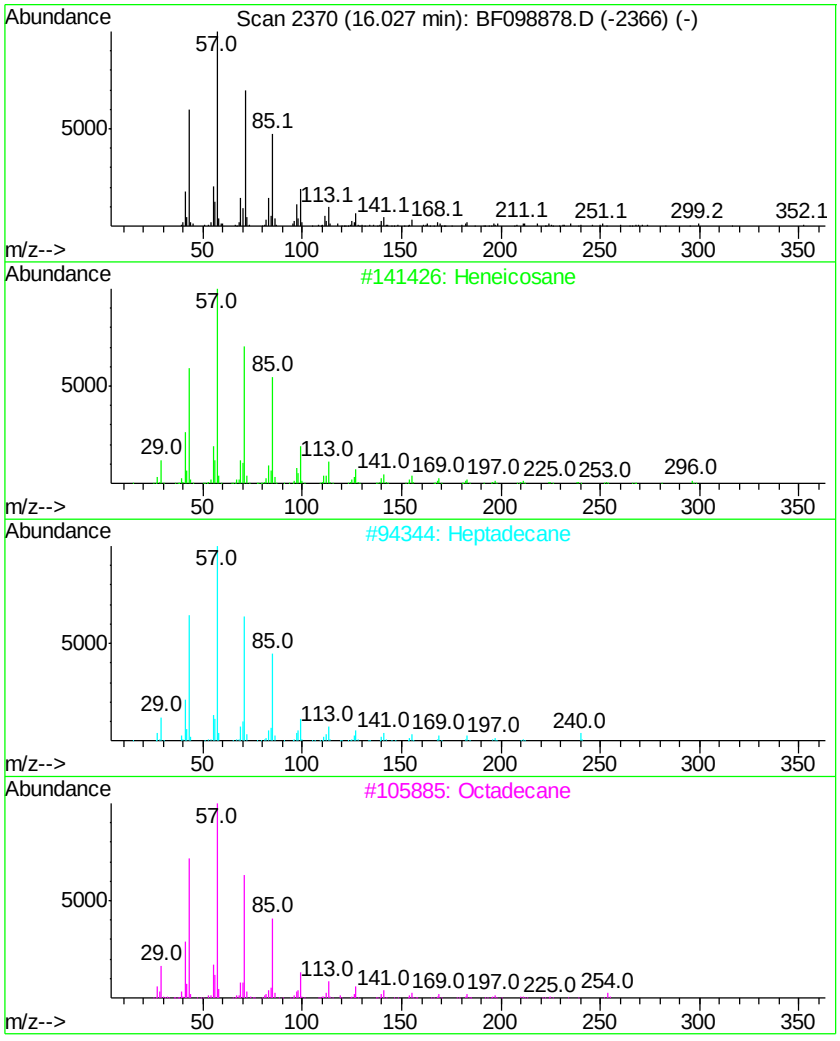
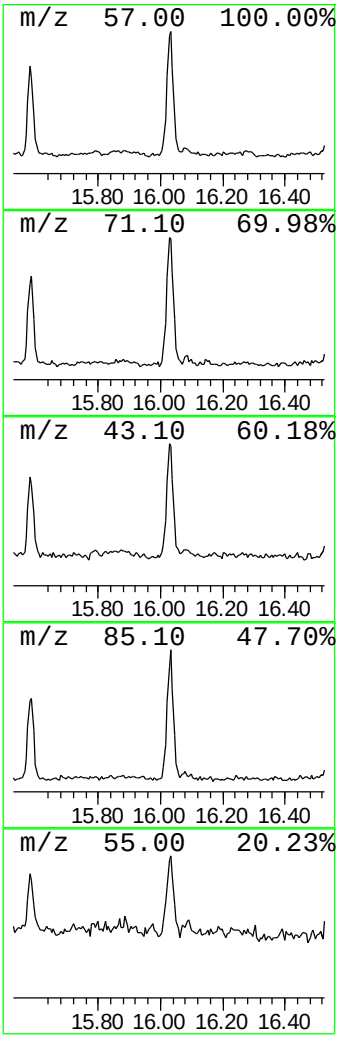
Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.77 ng	270994	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Octadecane	254	C18H38	000593-45-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Octacosane	394	C28H58	000630-02-4	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
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Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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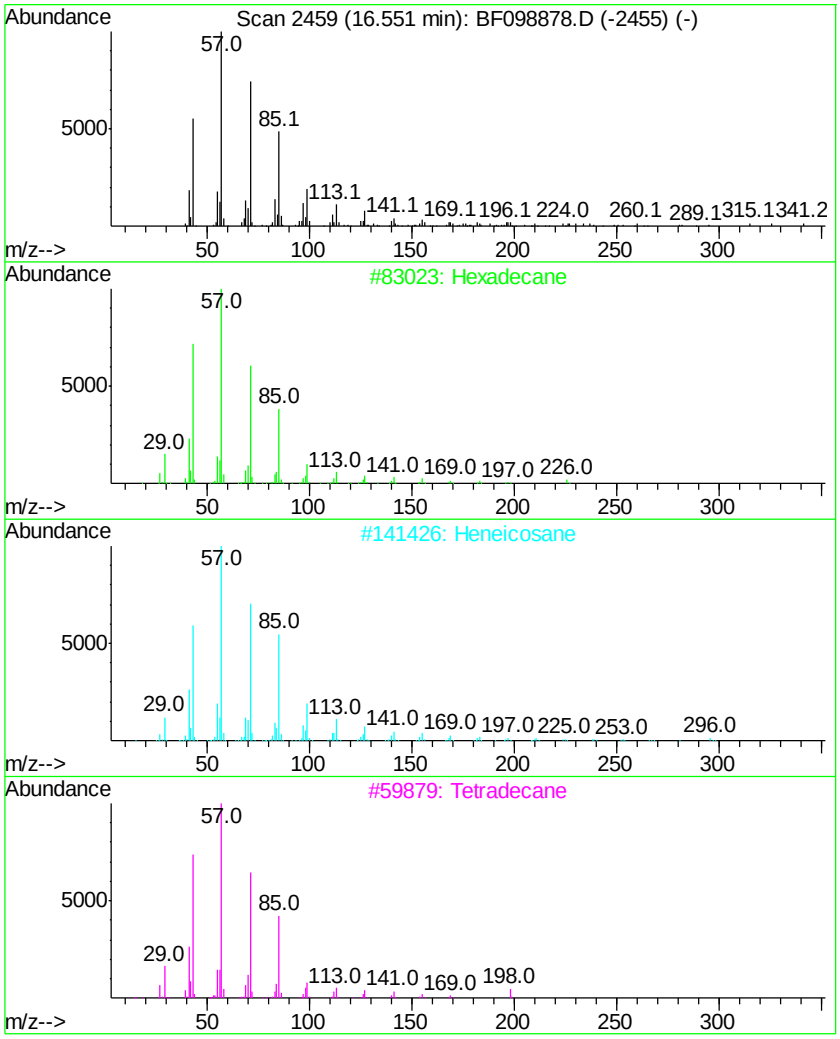
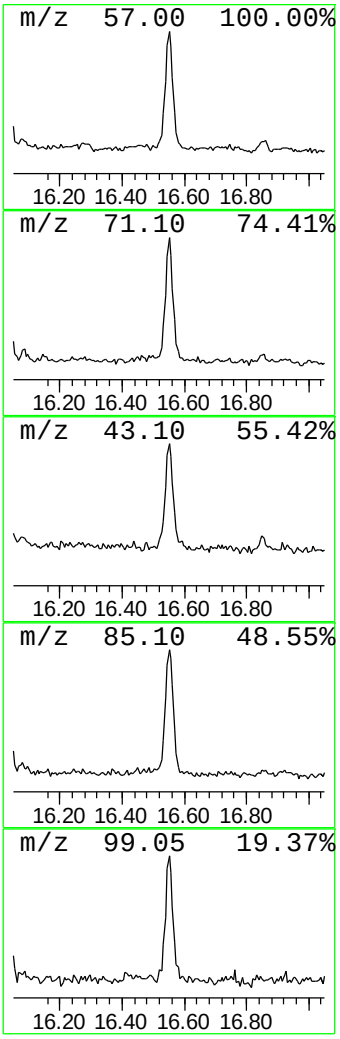
Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	4.82 ng	226690	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098878.D
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Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

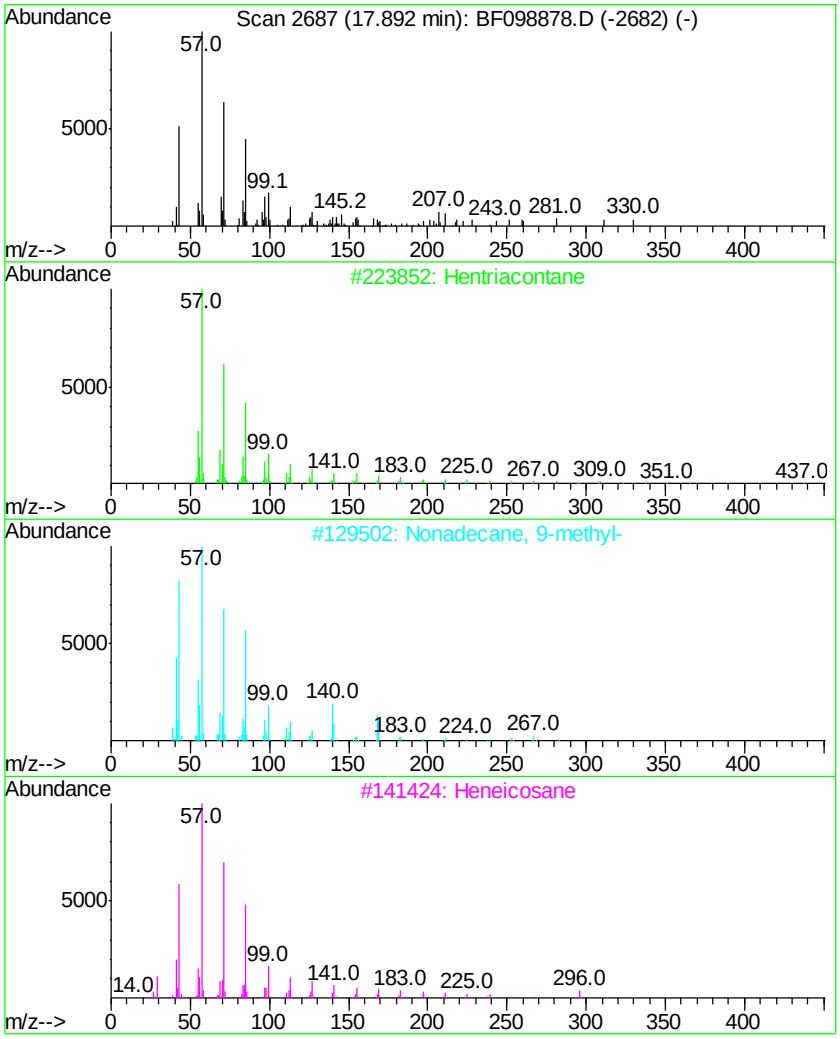
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

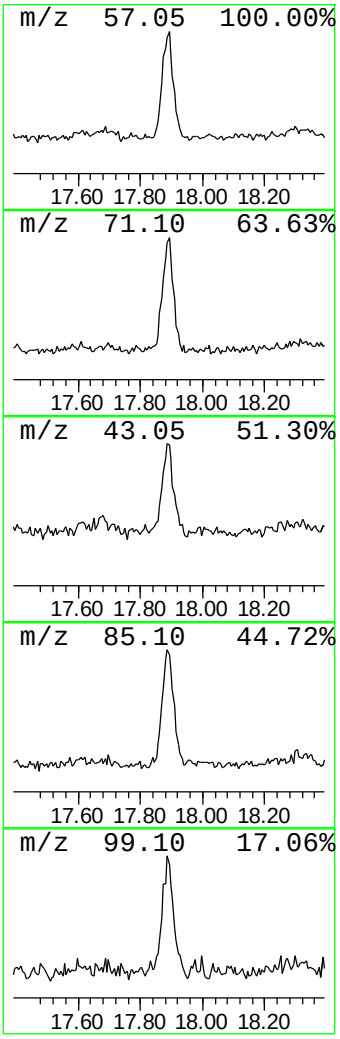
****

Peak Number 11 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.80 ng	178563	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	86
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
3	Heneicosane	296	C21H44	000629-94-7	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Eicosane	282	C20H42	000112-95-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092717\
Data File : BF098878.D
Acq On : 27 Sep 2017 22:28
Operator : SJ/JU
Sample : I5386-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	2.21	2.6	ng	113106	1	6.92	860541	20.0
2-Pentanone, 4-hy...	5.15	17.1	ng	738045	1	6.92	860541	20.0
unknown6.69	6.69	77.7	ng	3344440	1	6.92	860541	20.0
1-Heneicosanol	13.90	4.6	ng	210219	5	14.08	921967	20.0
Eicosane	14.53	2.5	ng	115885	5	14.08	921967	20.0
Octadecane, 2-met...	15.19	14.9	ng	698998	6	15.57	939682	20.0
Heneicosane	16.03	5.8	ng	270994	6	15.57	939682	20.0
Hexadecane	16.55	4.8	ng	226690	6	15.57	939682	20.0
Hentriacontane	17.89	3.8	ng	178563	6	15.57	939682	20.0