LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086695.D
Acq On : 4 May 2016 23:59
Operator : UM/SJ
Sample : H2715-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-4-CS-2(8-16FTBGS)

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-BF050416.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	4.921	246	248	255	rBV	104479	176774	3.21%	0.424%
2	5.333	281	284	287	rBV	4271397	4983017	90.48%	11.959%
3	6.384	373	376	379	rBV	4314952	5097130	92.55%	12.233%
4	6.510	384	387	389	rBV	5263480	5507529	100.00%	13.218%
5	6.739	404	407	409	rBV	1135952	1019462	18.51%	2.447%
6	6.899	418	421	423	rBV	3581569	4040444	73.36%	9.697%
7	7.310	454	457	459	rBV	3170032	3671447	66.66%	8.811%
8	8.019	517	519	522	rBV	920008	1210728	21.98%	2.906%
9	9.105	611	614	616	rBV	4711101	4523874	82.14%	10.857%
10	9.493	646	648	651	rBV	370979	479121	8.70%	1.150%
11	9.722	666	668	670	rBV	83420	80535	1.46%	0.193%
12	9.779	670	673	675	rBV	1179720	1247620	22.65%	2.994%
13	9.973	684	690	692	rBV3	21498	62962	1.14%	0.151%
14	10.213	709	711	713	rVB	129271	132881	2.41%	0.319%
15	10.430	727	730	734	rBV	50744	99749	1.81%	0.239%
16	10.568	739	742	744	rBV	2308178	2761145	50.13%	6.626%
17	10.693	751	753	757	rVB	129749	201417	3.66%	0.483%
18	11.139	790	792	793	rBV	73130	74489	1.35%	0.179%
19	11.253	800	802	806	rBV	1035034	1013487	18.40%	2.432%
20	11.791	847	849	854	rBV3	100894	166797	3.03%	0.400%
21	12.465	906	908	910	rBV	93370	96085	1.74%	0.231%
22	12.693	925	928	929	rBV	74990	103057	1.87%	0.247%
23	12.842	938	941	943	rBV	2992700	2812297	51.06%	6.749%
24	13.745	1017	1020	1024	rBV	232557	292686	5.31%	0.702%
25	13.882	1030	1032	1039	rBV	804168	997034	18.10%	2.393%
26	14.728	1104	1106	1109	rBV	60744	62033	1.13%	0.149%
27	14.888	1118	1120	1125	rBV	49741	98004	1.78%	0.235%
28	15.277	1151	1154	1157	rBV	530998	656658	11.92%	1.576%

Sum of corrected areas: 41668462

LSC Report - Integrated Chromatogram

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Operator : UM/SJ
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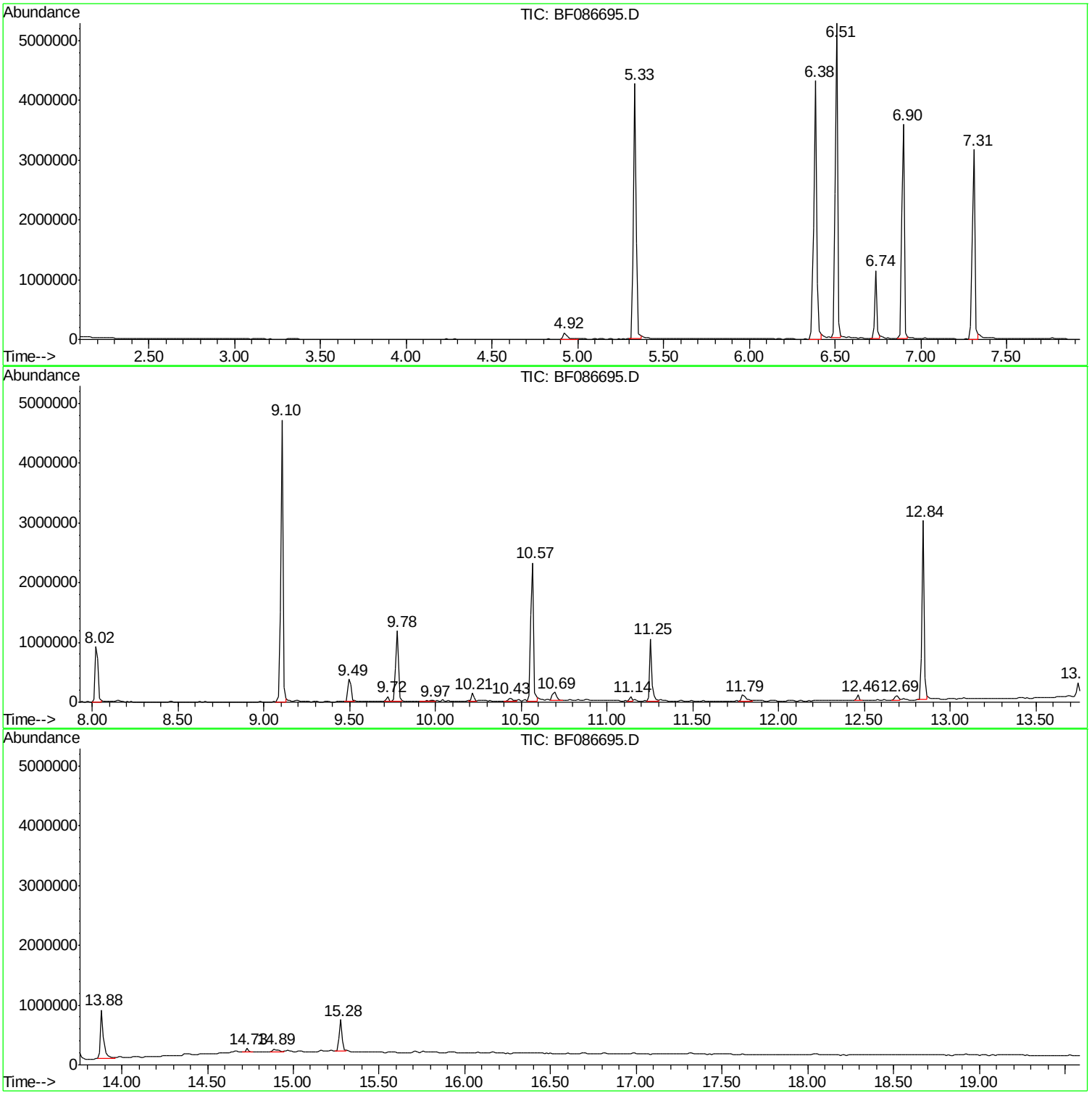
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-4-CS-2(8-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086695.D
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Operator : UM/SJ
Sample : H2715-13
Misc :
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Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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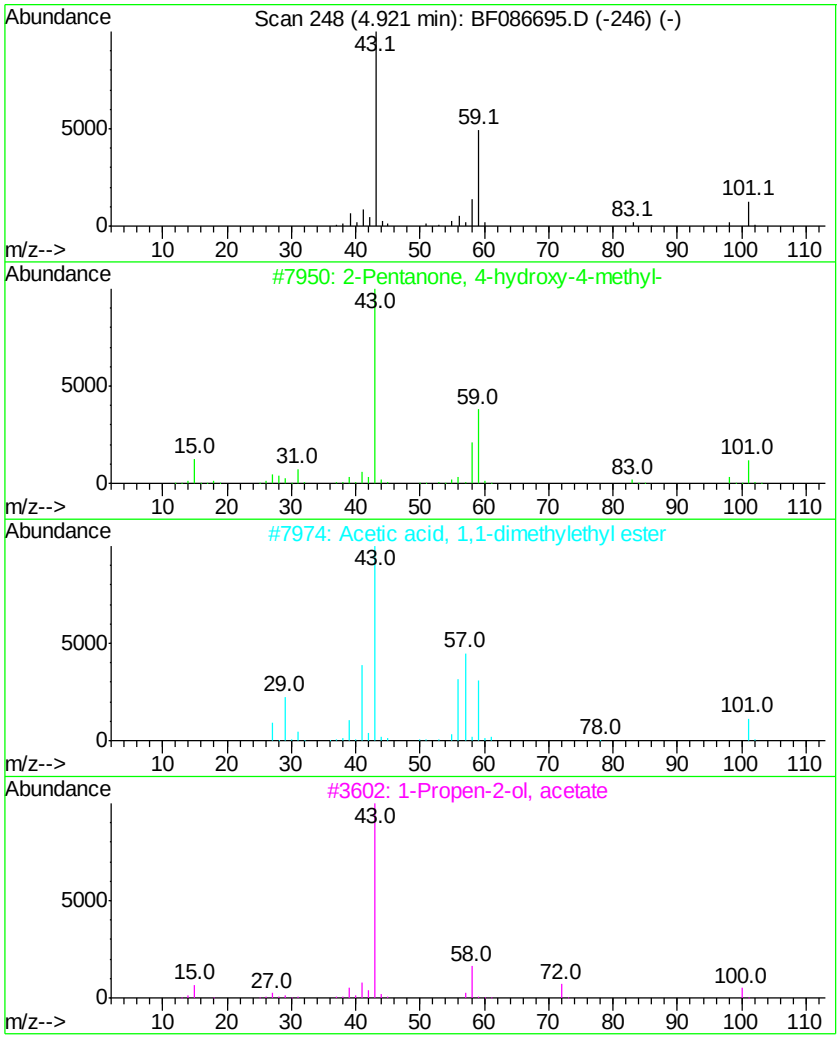
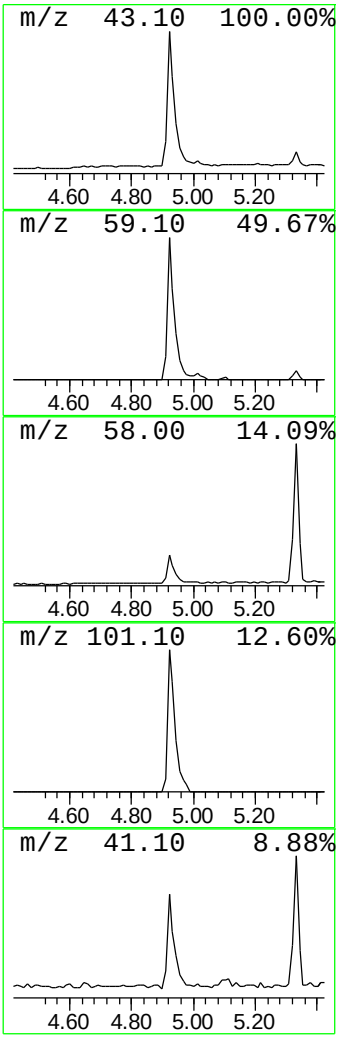
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.94 ng	176774	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : H2715-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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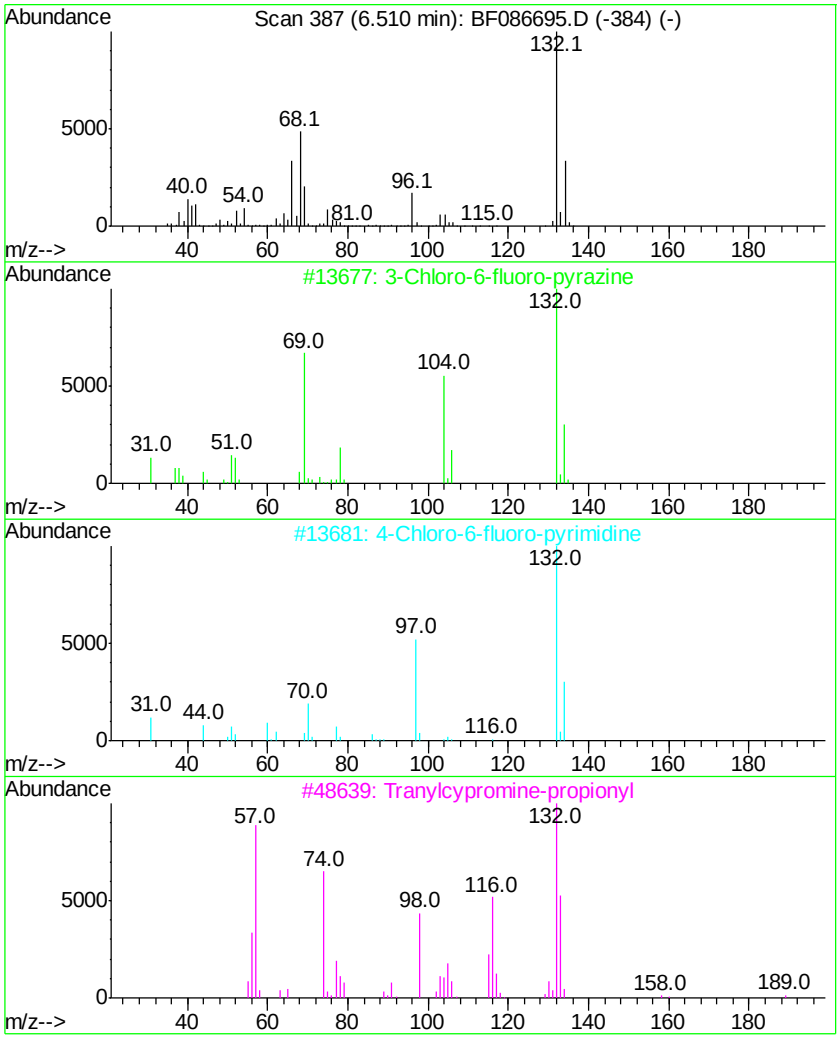
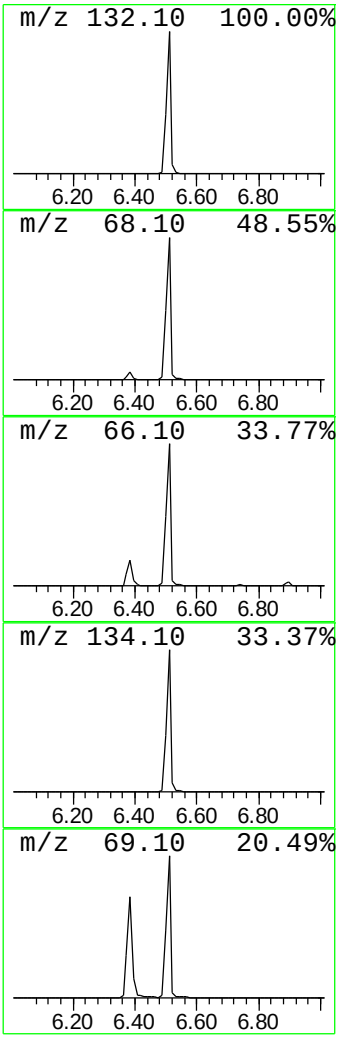
Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	216.10 ng	5507530	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





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Operator : UM/SJ
Sample : H2715-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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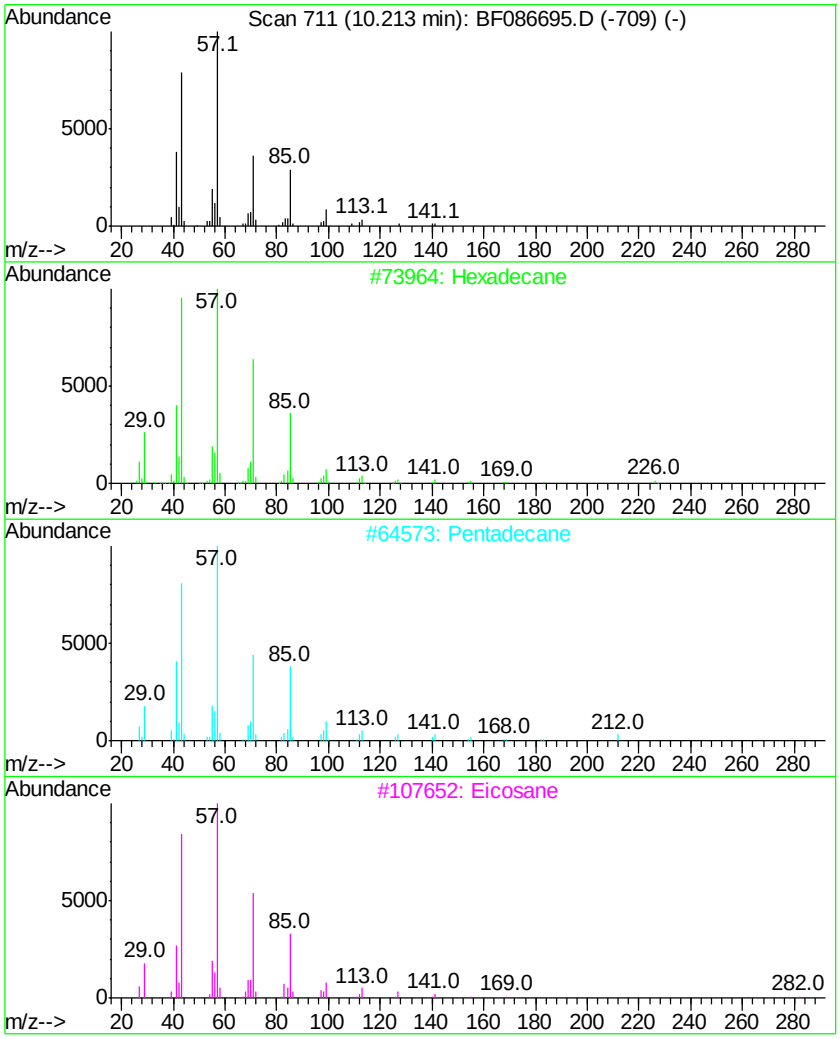
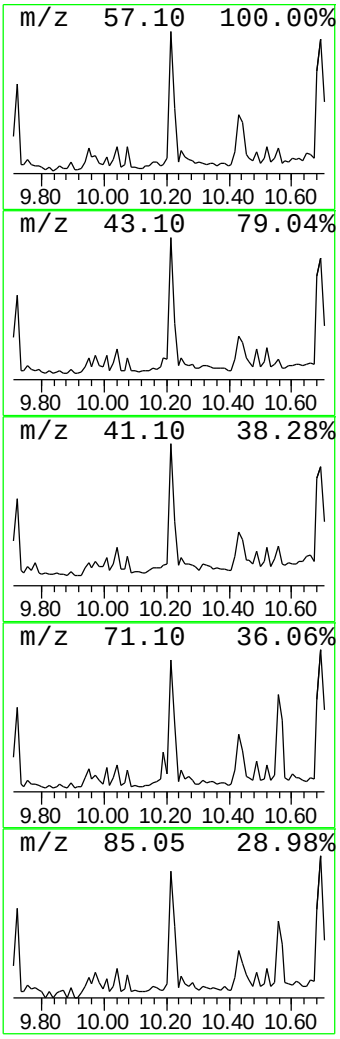
Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	4.26 ng	132881	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Tridecane	184	C13H28	000629-50-5	72
5	Octadecane	254	C18H38	000593-45-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086695.D
Acq On : 4 May 2016 23:59
Operator : UM/SJ
Sample : H2715-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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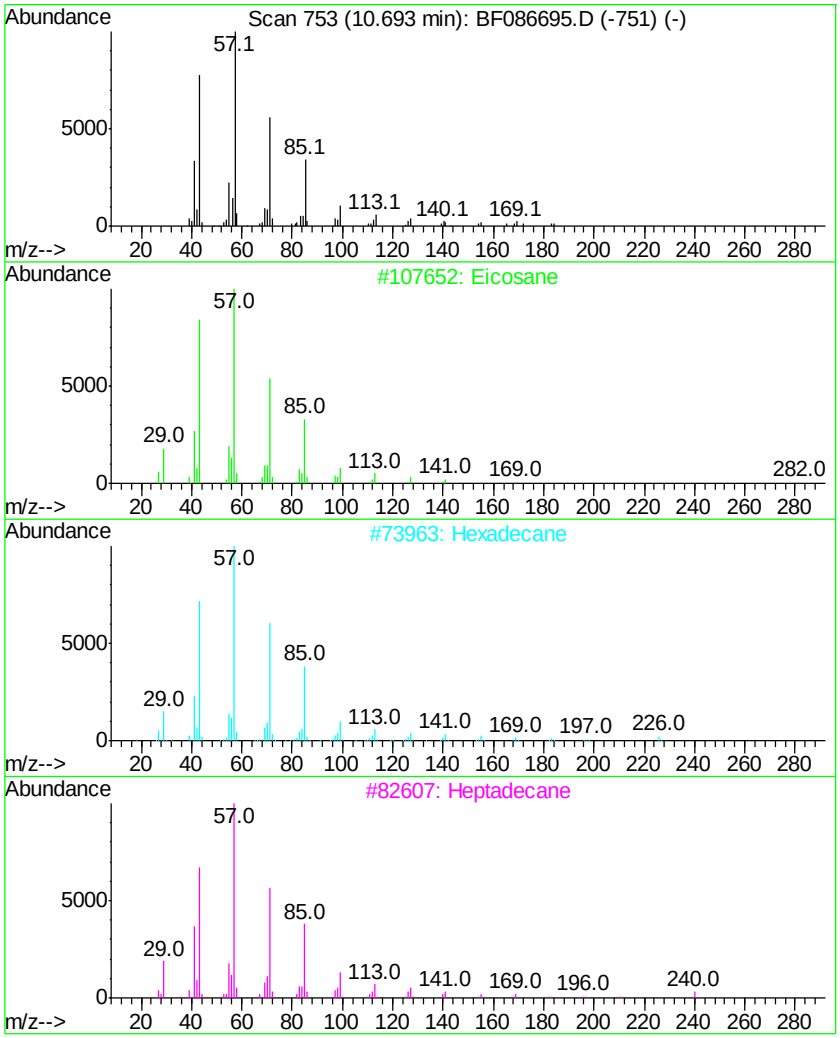
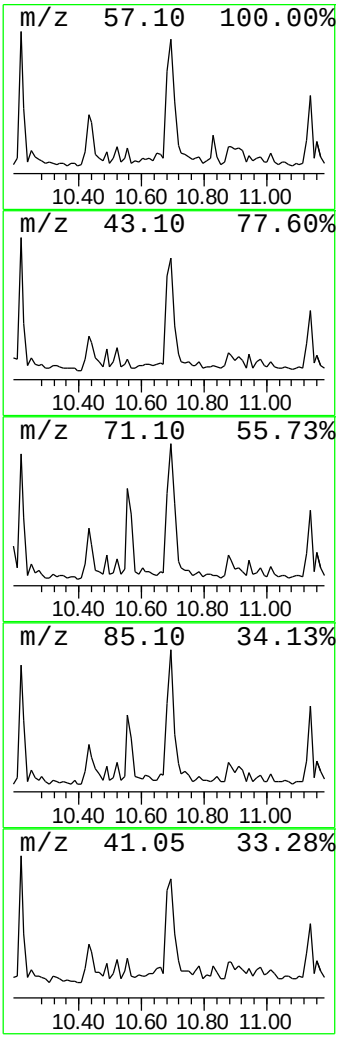
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	7.95 ng	201417	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetratetracontane	619	C44H90	007098-22-8	86





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Operator : UM/SJ
Sample : H2715-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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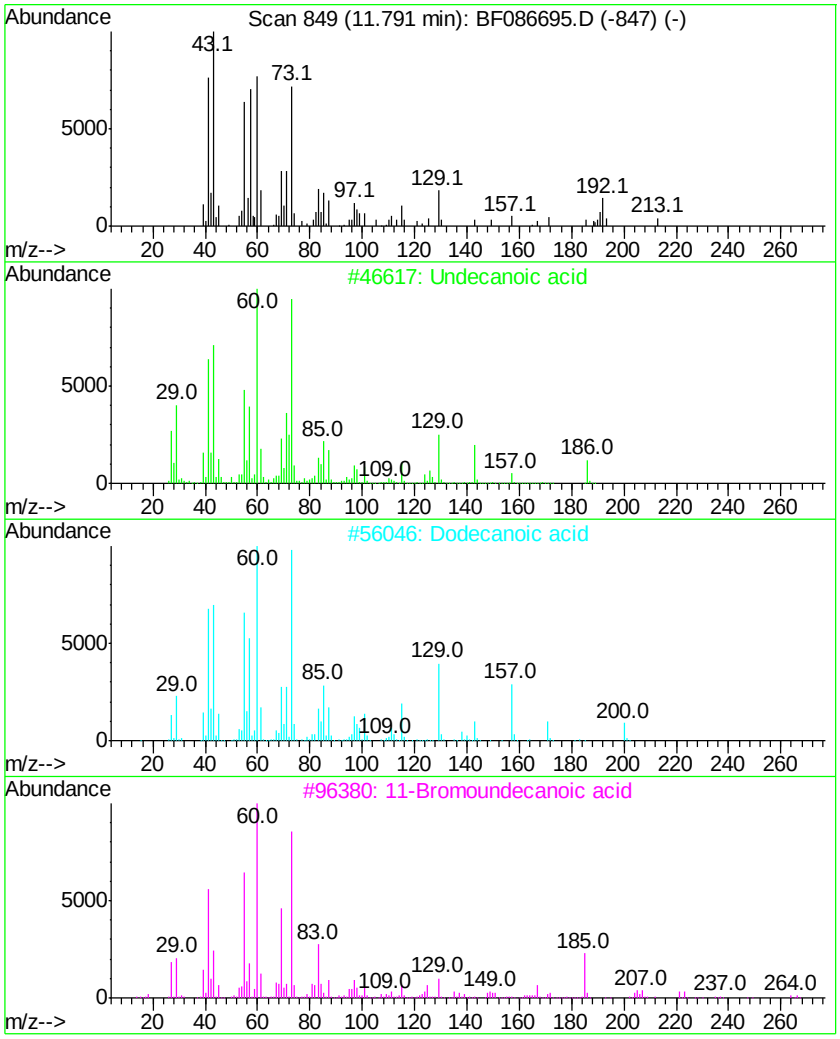
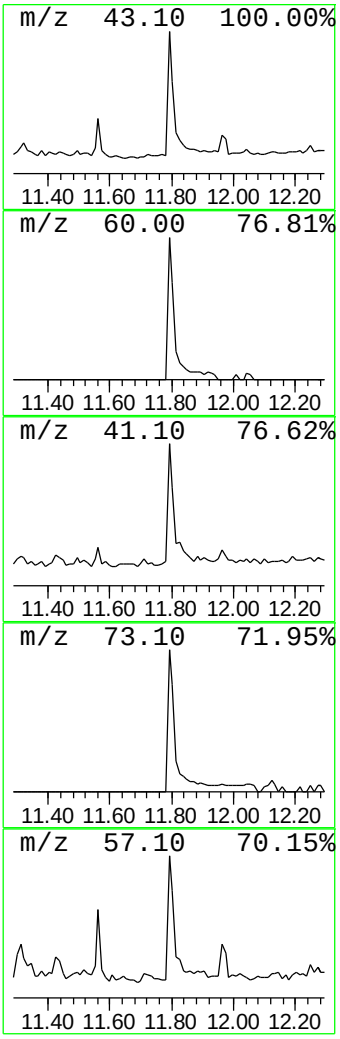
Peak Number 6 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.58 ng	166797	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	80
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	53
4	n-Butyl n-pentyl disulfide	192	C9H20S2	072437-52-6	25
5	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	14





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Sample : H2715-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-4-CS-2(8-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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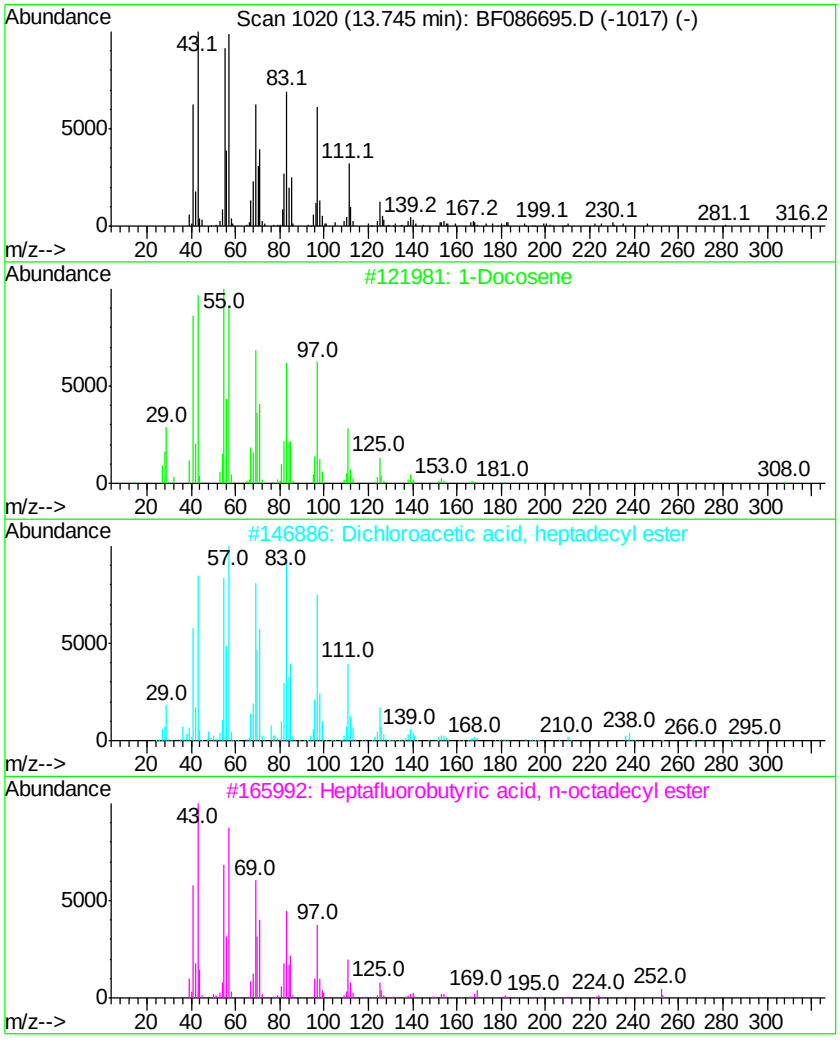
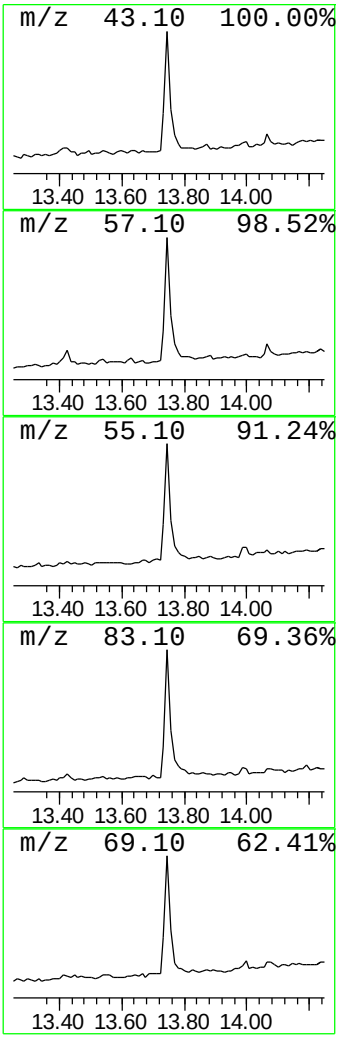
Peak Number 8 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	11.74 ng	292686	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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Misc :
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Instrument : BNA_F
ClientSampleId : 26WARD-4-CS-2(8-16FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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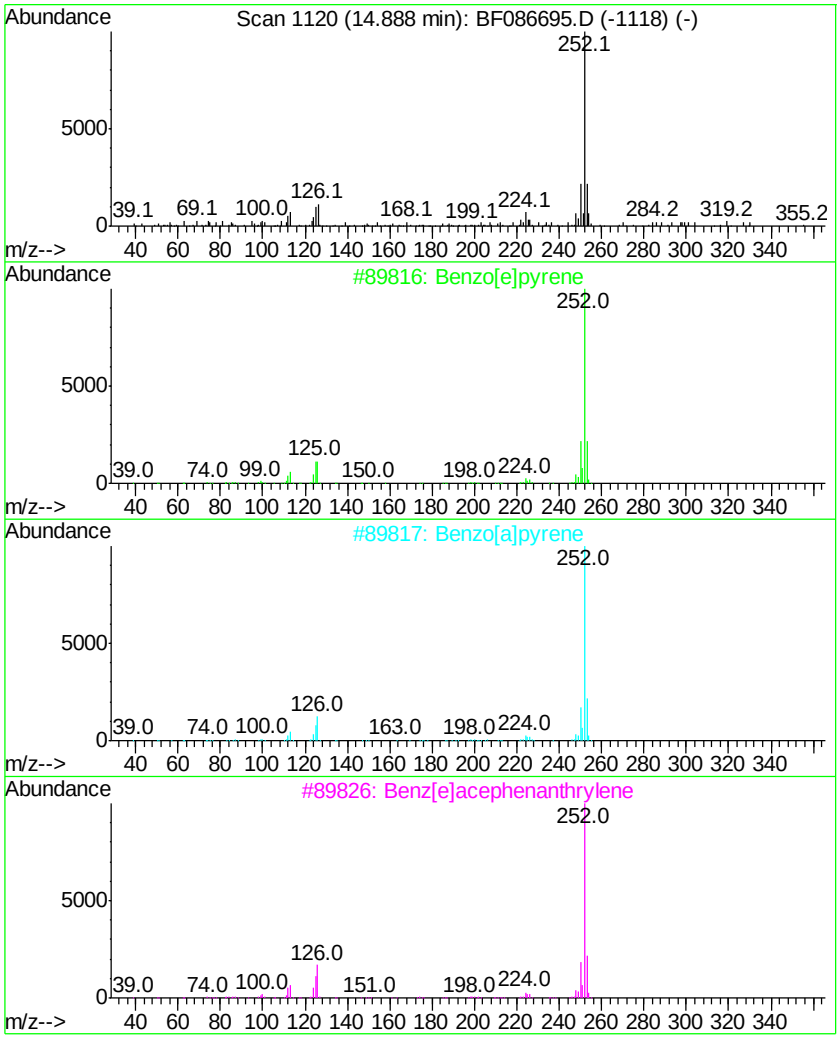
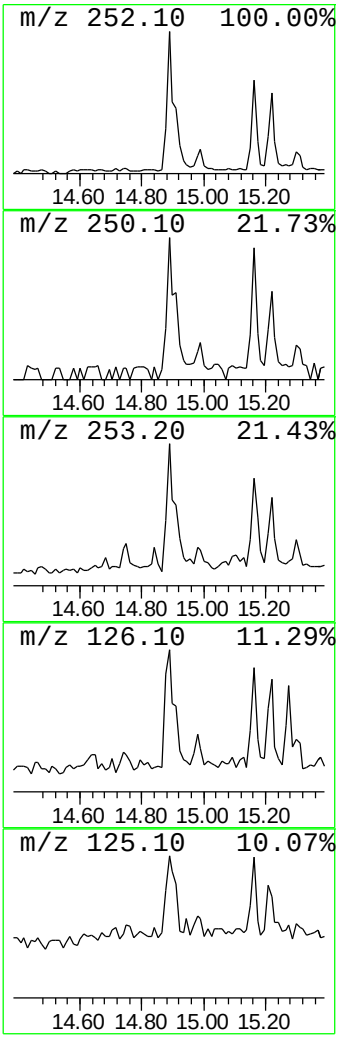
Peak Number 9 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.97 ng	98004	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Perylene	252	C20H12	000198-55-0	74





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	6.9	ng	176774	1	6.74	1019460	40.0
unknown6.51	6.51	216.1	ng	5507530	1	6.74	1019460	40.0
Hexadecane	10.21	4.3	ng	132881	3	9.78	1247620	40.0
Eicosane	10.69	8.0	ng	201417	4	11.25	1013490	40.0
Undecanoic acid	11.79	6.6	ng	166797	4	11.25	1013490	40.0
1-Docosene	13.75	11.7	ng	292686	5	13.88	997034	40.0
Benzo[e]pyrene	14.89	6.0	ng	98004	6	15.28	656658	40.0