LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

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-BF120916.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	4.944	248	250	253	rBV	818693	964822	18.50%	2.153%
2	5.390	286	289	291	rBV	3003405	2688214	51.56%	5.998%
3	6.430	378	380	383	rBV	3062505	3332594	63.92%	7.436%
4	6.567	389	392	394	rBV	2546028	3208418	61.54%	7.159%
5	6.796	409	412	414	rBV	1968832	1741794	33.41%	3.887%
6	6.945	423	425	428	rBV	1564270	1916999	36.77%	4.278%
7	7.356	458	461	463	rBV	2486183	2108321	40.44%	4.704%
8	8.076	522	524	527	rBV	2033645	2069679	39.70%	4.618%
9	9.162	616	619	621	rBV	5375420	5213899	100.00%	11.634%
10	9.551	651	653	656	rBV	1123735	1014961	19.47%	2.265%
11	9.779	671	673	675	rVB	70109	78254	1.50%	0.175%
12	9.836	675	678	680	rBV	2080698	2031508	38.96%	4.533%
13	10.248	712	714	715	rBV	64916	64139	1.23%	0.143%
14	10.271	715	716	718	rVB	145699	129592	2.49%	0.289%
15	10.499	734	736	738	rVB	48274	67426	1.29%	0.150%
16	10.625	744	747	749	rBV2	2257218	2937214	56.33%	6.554%
17	10.751	756	758	761	rBV	151938	257244	4.93%	0.574%
18	11.196	792	797	798	rBV	156898	213765	4.10%	0.477%
19	11.219	798	799	802	rVB	74655	88924	1.71%	0.198%
20	11.311	805	807	811	rVV2	1548662	1927776	36.97%	4.302%
21	11.391	811	814	815	rVB	77837	98727	1.89%	0.220%
22	11.551	825	828	829	rBV2	40138	69437	1.33%	0.155%
23	11.619	832	834	835	rBV	157874	129699	2.49%	0.289%
24	11.814	849	851	852	rBV	59264	58667	1.13%	0.131%
25	11.848	852	854	856	rVV	154035	173703	3.33%	0.388%
26	11.928	859	861	865	rVB2	100220	155872	2.99%	0.348%
27	12.031	867	870	873	rVB2	40760	74651	1.43%	0.167%
28	12.134	875	879	881	rVV2	60786	104122	2.00%	0.232%
29	12.362	897	899	901	rBV	78081	94655	1.82%	0.211%
30	12.522	911	913	915	rBV	888445	750749	14.40%	1.675%
31	12.751	930	933	935	rBV	755844	783728	15.03%	1.749%
32	12.899	944	946	949	rVB	4266909	3987838	76.48%	8.898%
33	12.968	949	952	956	rBV4	55851	155927	2.99%	0.348%
34	13.082	960	962	963	rVB2	112082	119200	2.29%	0.266%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.185	969	971	974	rBV2	115418	171415	3.29%	0.382%
36	13.391	986	989	993	rBV	370343	502107	9.63%	1.120%
37	13.585	1004	1006	1008	rBV	97610	146644	2.81%	0.327%
38	13.802	1023	1025	1030	rVB3	244986	370902	7.11%	0.828%
39	13.951	1035	1038	1039	rBV2	1749516	2165221	41.53%	4.831%
40	14.957	1124	1126	1131	rBV	319101	696768	13.36%	1.555%
41	15.243	1149	1151	1154	rVB	215240	282623	5.42%	0.631%
42	15.300	1154	1156	1159	rBV	265277	420512	8.07%	0.938%
43	15.357	1159	1161	1164	rBV	822103	1246738	23.91%	2.782%

Sum of corrected areas: 44815448

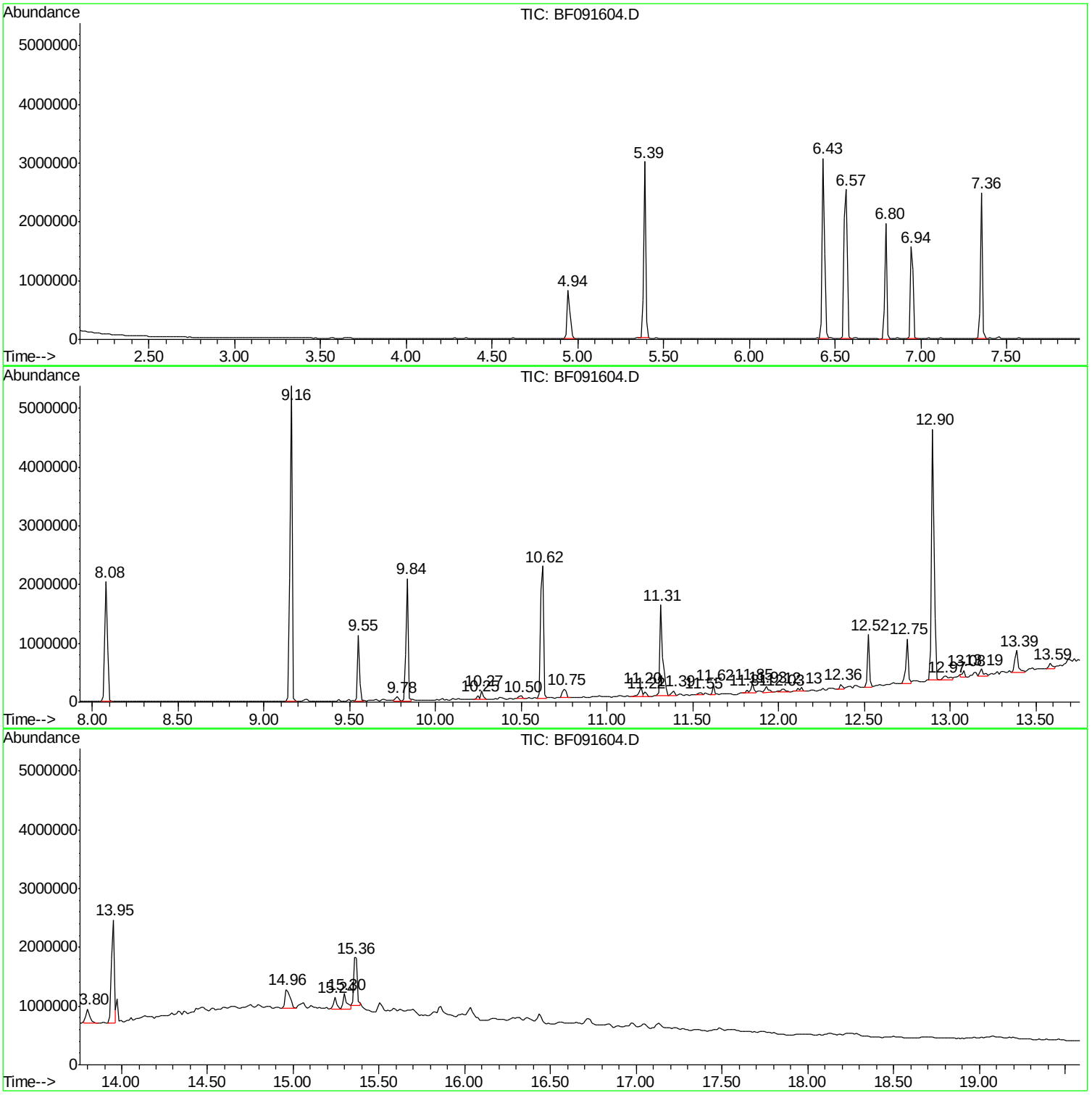
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

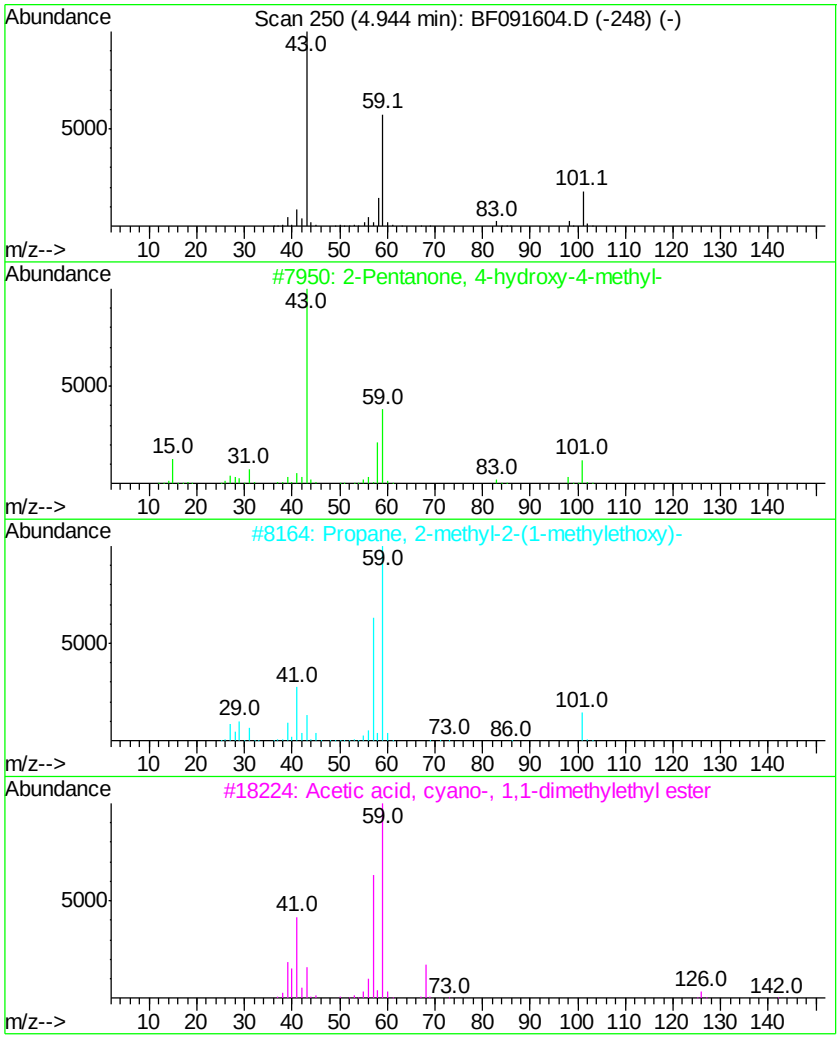
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

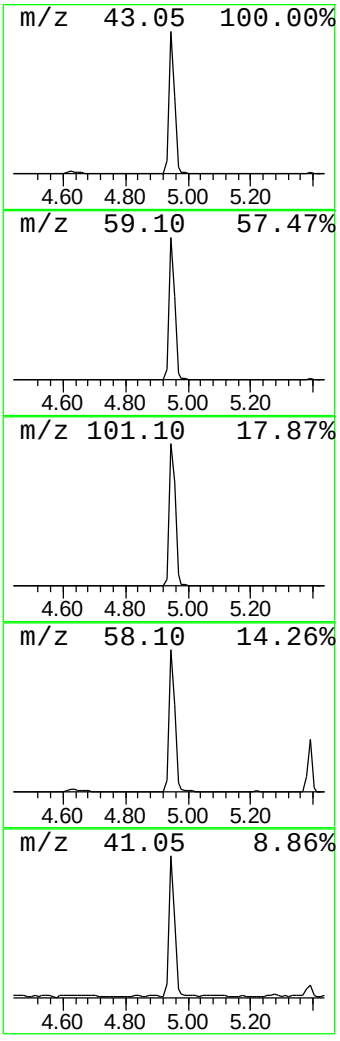
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	11.08 ng	964822	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

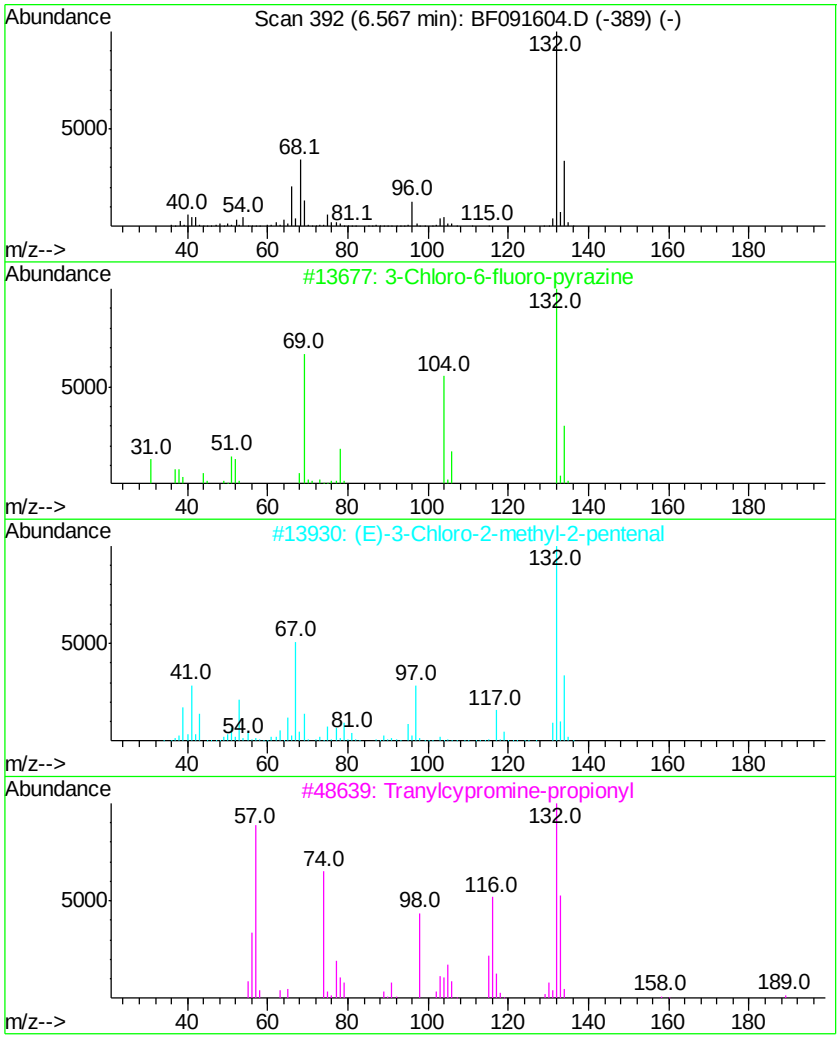
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

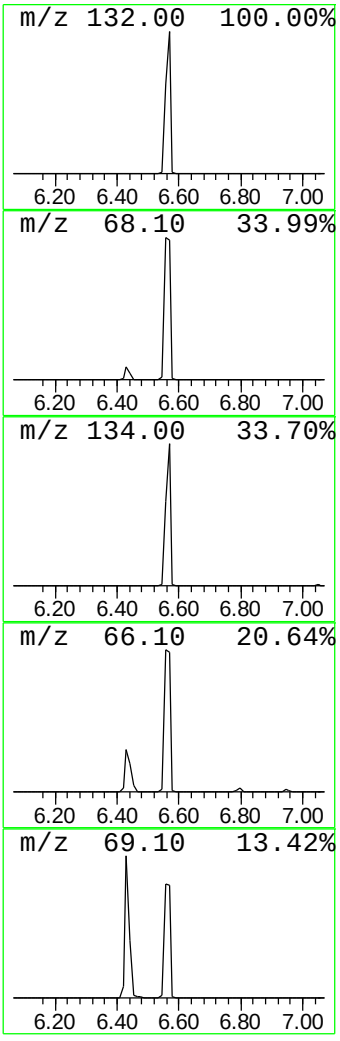
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	36.84 ng	3208420	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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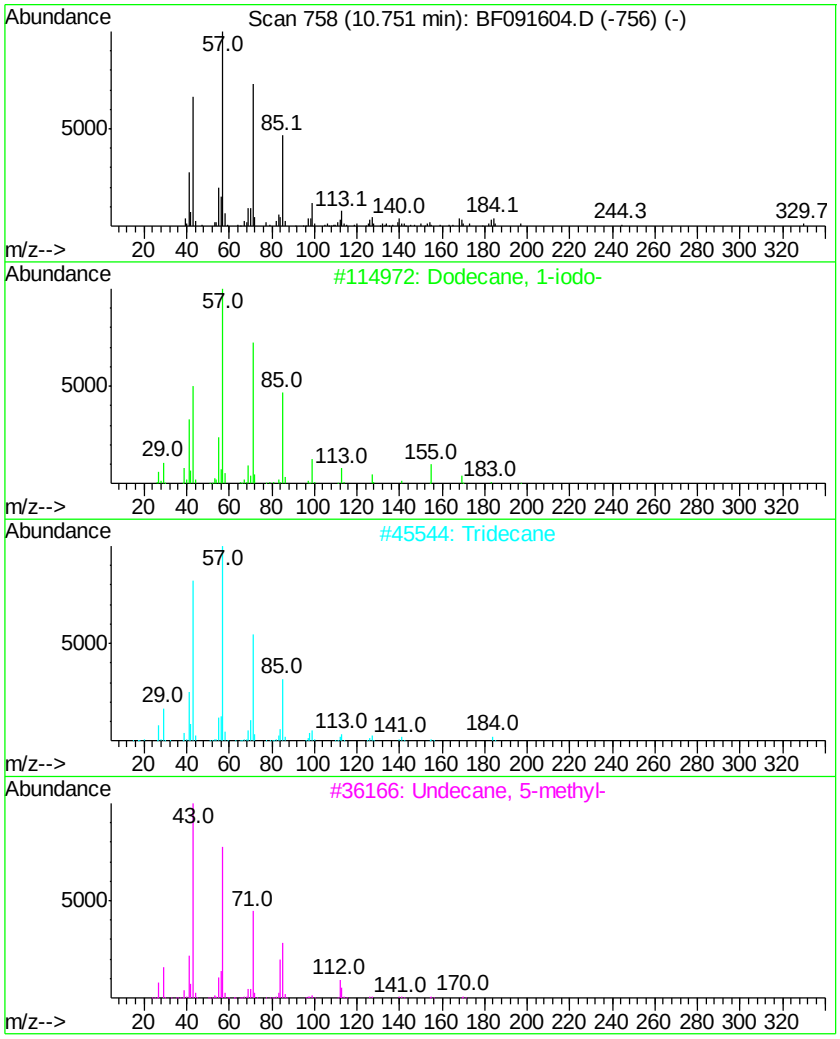
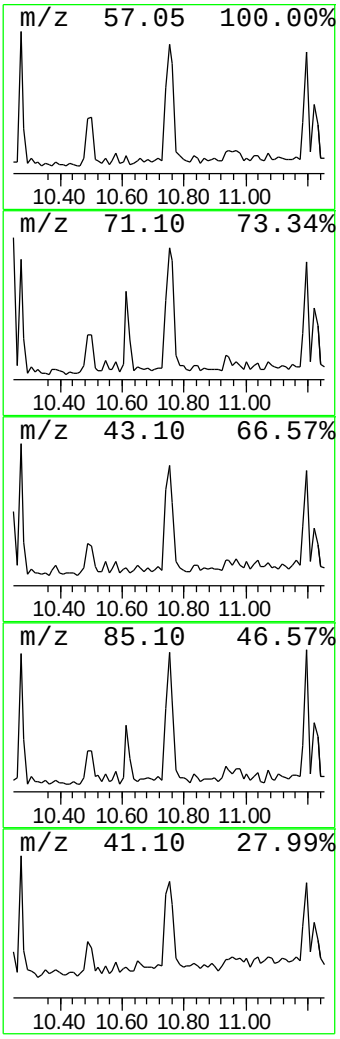
Peak Number 4 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.67 ng	257244	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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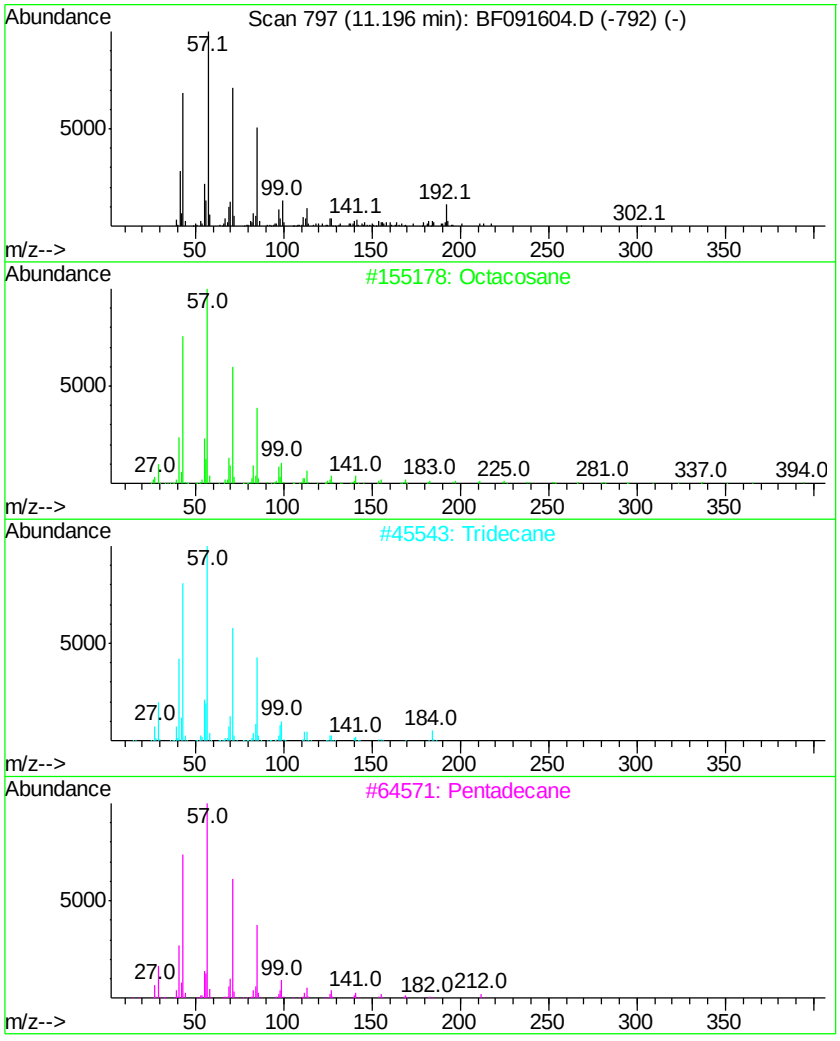
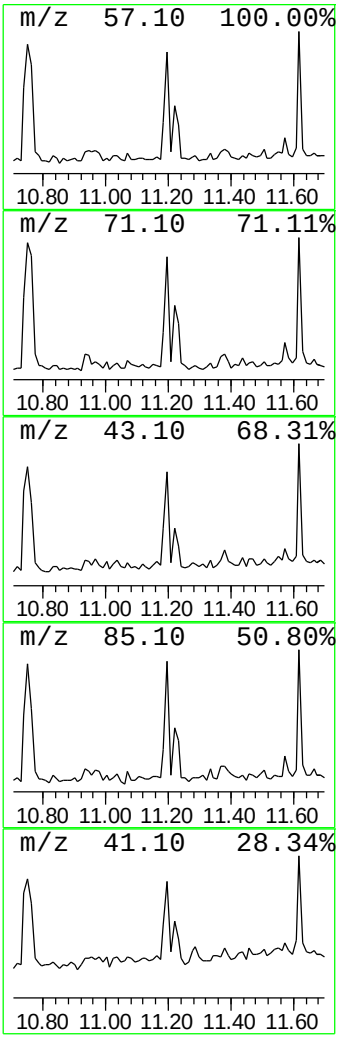
Peak Number 5 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.22 ng	213765	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tridecane	184	C13H28	000629-50-5	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

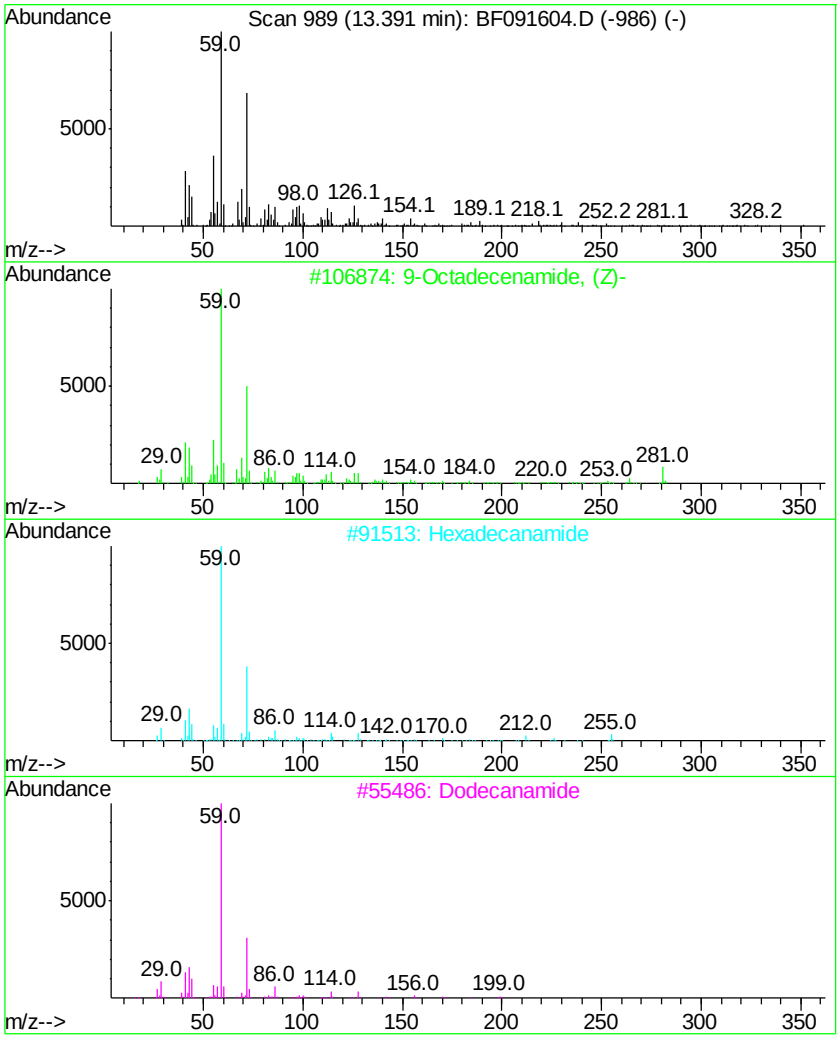
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

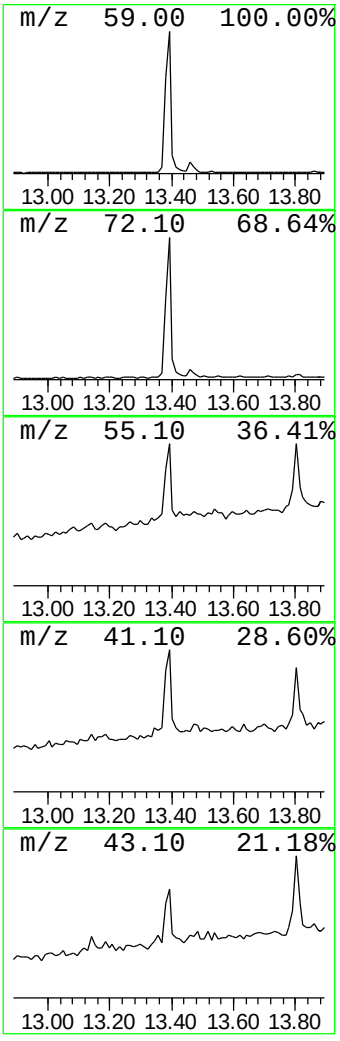
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.64 ng	502107	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Dodecanamide	199	C12H25NO	001120-16-7	59
4	Octadecanamide	283	C18H37NO	000124-26-5	59
5	Octanamide	143	C8H17NO	000629-01-6	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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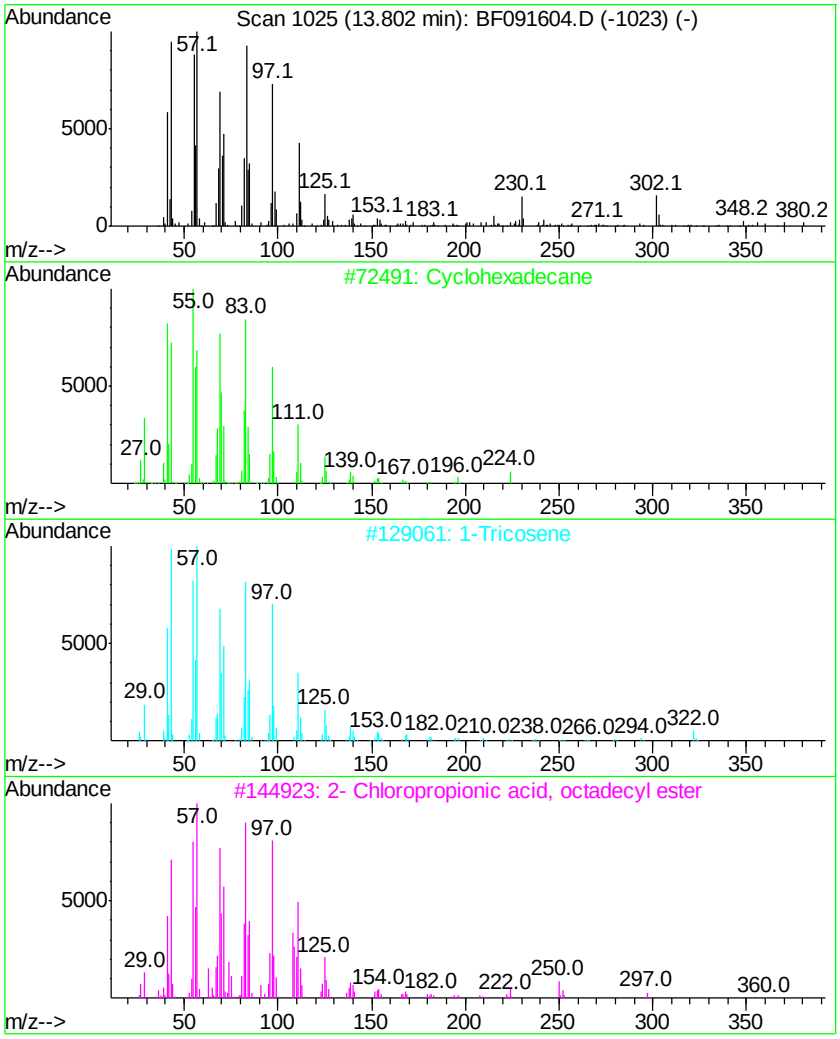
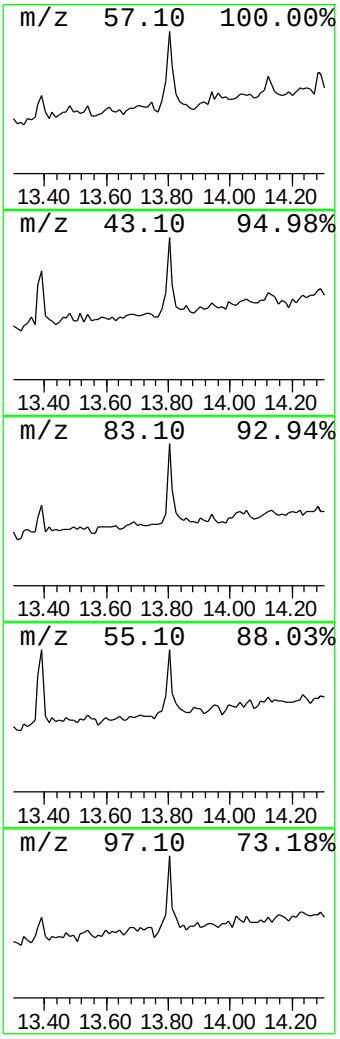
Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.43 ng	370902	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	92
2	1-Tricosene	322	C23H46	018835-32-0	90
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

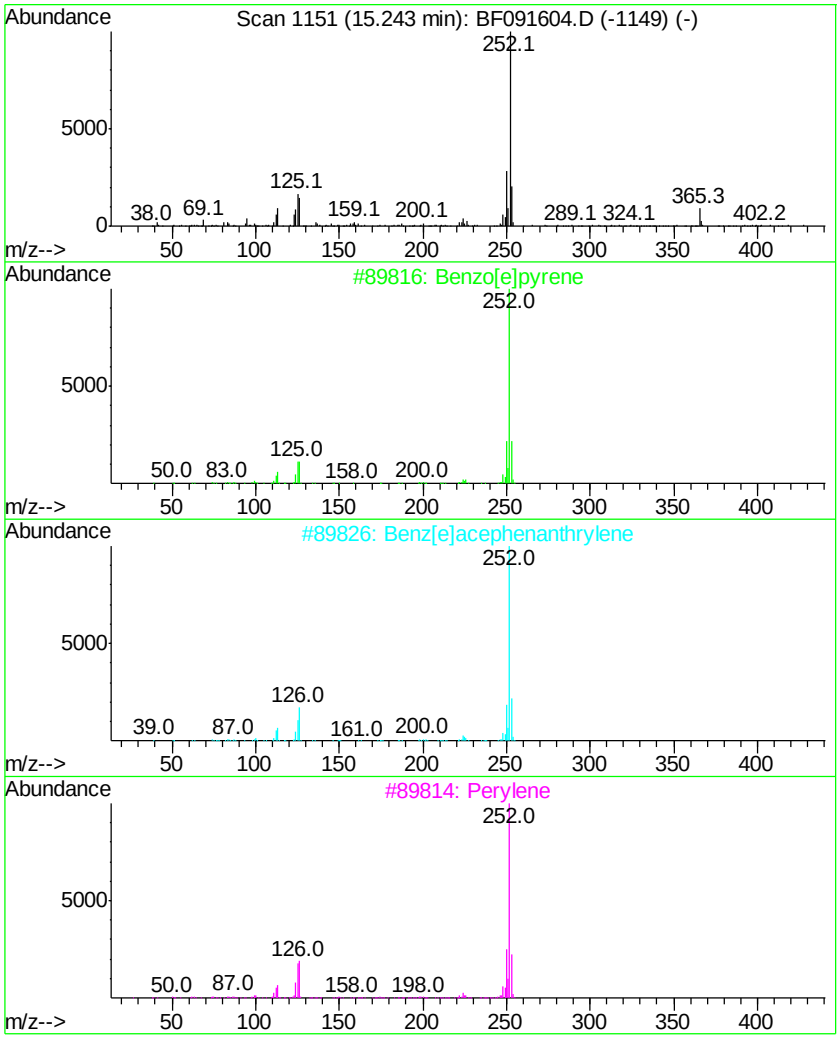
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

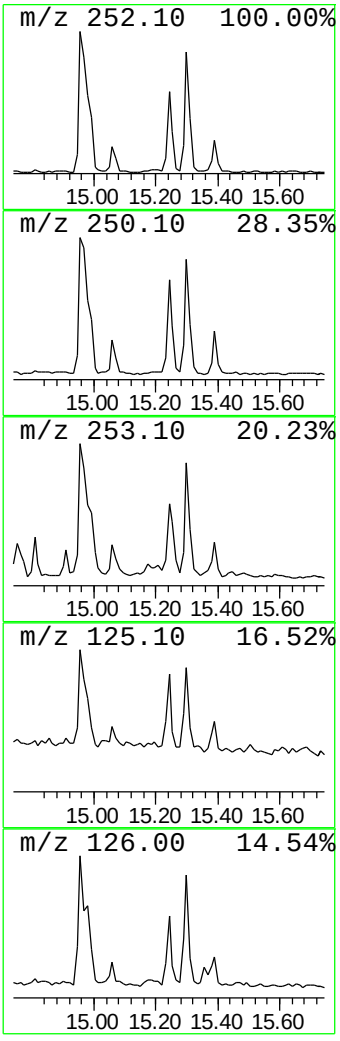
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.53 ng	282623	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121416\
Data File : BF091604.D
Acq On : 15 Dec 2016 00:26
Operator : UM/SJ
Sample : H6007-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11-5-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
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...	4.94	11.1	ng	964822	1	6.80	1741790	20.0
unknown6.57	6.57	36.8	ng	3208420	1	6.80	1741790	20.0
Dodecane, 1-iodo-	10.75	2.7	ng	257244	4	11.31	1927780	20.0
Octacosane	11.20	2.2	ng	213765	4	11.31	1927780	20.0
9-Octadecenamide,...	13.39	4.6	ng	502107	5	13.95	2165220	20.0
Cyclohexadecane	13.80	3.4	ng	370902	5	13.95	2165220	20.0
Benzo[e]pyrene	15.24	4.5	ng	282623	6	15.37	1246740	20.0