LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085360.D
Acq On : 11 Mar 2016 4:08
Operator : UM/SJ
Sample : H1731-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-COMP

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-BF030316.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	5.133	246	249	255	rBV	227754	300814	6.93%	0.905%
2	5.533	281	284	287	rBV	3248139	3817562	87.94%	11.487%
3	6.561	371	374	377	rBV	2981220	3862587	88.98%	11.623%
4	6.710	384	387	389	rBV	2778583	3615916	83.30%	10.880%
5	6.939	404	407	409	rBV	795552	689321	15.88%	2.074%
6	7.099	418	421	423	rBV	2841909	2965720	68.32%	8.924%
7	7.499	453	456	459	rBV	1840901	2088150	48.10%	6.283%
8	8.219	517	519	522	rBV	877810	840237	19.36%	2.528%
9	9.305	611	614	616	rBV	4061850	4340876	100.00%	13.062%
10	9.693	646	648	650	rBV	689541	619508	14.27%	1.864%
11	9.910	664	667	669	rVB	104913	90707	2.09%	0.273%
12	9.979	671	673	675	rVB	1079860	936885	21.58%	2.819%
13	10.402	708	710	712	rVB	99011	126469	2.91%	0.381%
14	10.630	727	730	731	rBV	47754	72200	1.66%	0.217%
15	10.768	739	742	744	rBV	1905484	1905447	43.90%	5.734%
16	10.882	749	752	757	rVV	147835	184299	4.25%	0.555%
17	11.328	789	791	792	rBV	76456	62877	1.45%	0.189%
18	11.465	800	803	804	rBV	889239	884147	20.37%	2.660%
19	11.488	804	805	806	rVV	83164	62043	1.43%	0.187%
20	11.991	845	849	851	rBV2	23488	46757	1.08%	0.141%
21	12.676	906	909	911	rBV	106178	129297	2.98%	0.389%
22	12.905	924	929	931	rVB2	76505	125173	2.88%	0.377%
23	13.042	939	941	944	rVB	2088708	2917552	67.21%	8.779%
24	13.111	944	947	949	rBV2	50248	124325	2.86%	0.374%
25	13.945	1018	1020	1024	rBV	61448	100926	2.33%	0.304%
26	14.094	1029	1033	1040	rVB	670472	842371	19.41%	2.535%
27	14.482	1059	1067	1068	rBV3	40069	145250	3.35%	0.437%
28	14.574	1073	1075	1082	rVB3	31206	80704	1.86%	0.243%
29	14.722	1086	1088	1091	rBV2	421126	495742	11.42%	1.492%
30	15.134	1122	1124	1128	rVB	41258	85220	1.96%	0.256%
31	15.557	1159	1161	1164	rBV	481585	617313	14.22%	1.858%
32	17.603	1336	1340	1345	rBV5	18647	56873	1.31%	0.171%

LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085360.D
Acq On : 11 Mar 2016 4:08
Operator : UM/SJ
Sample : H1731-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-COMP

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

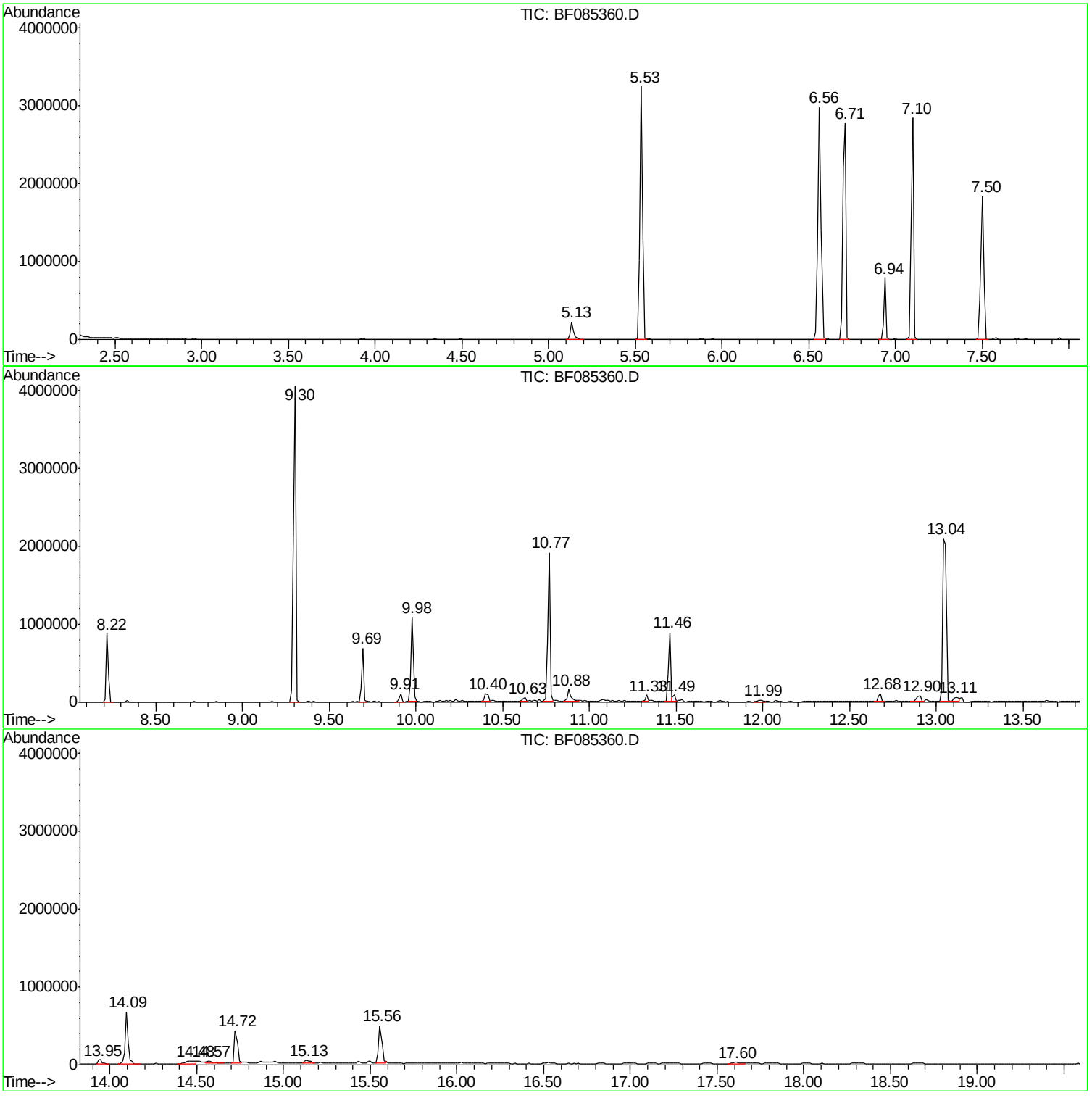
Sum of corrected areas: 33233268

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085360.D
Acq On : 11 Mar 2016 4:08
Operator : UM/SJ
Sample : H1731-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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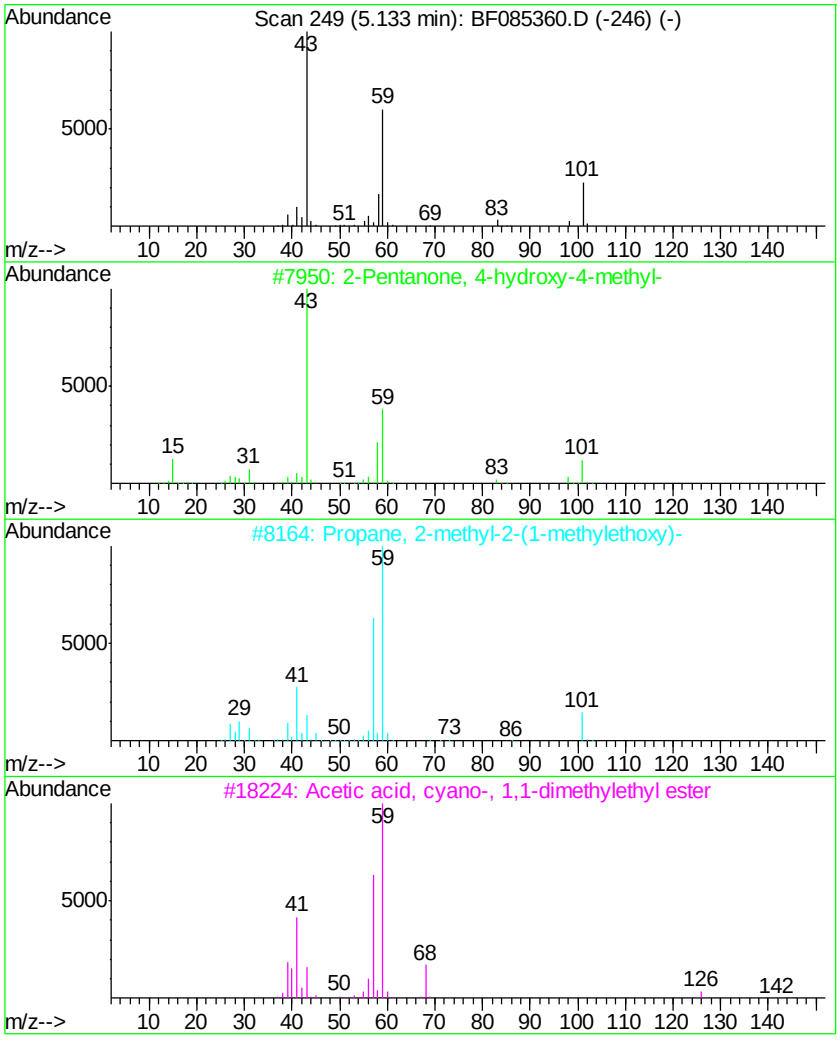
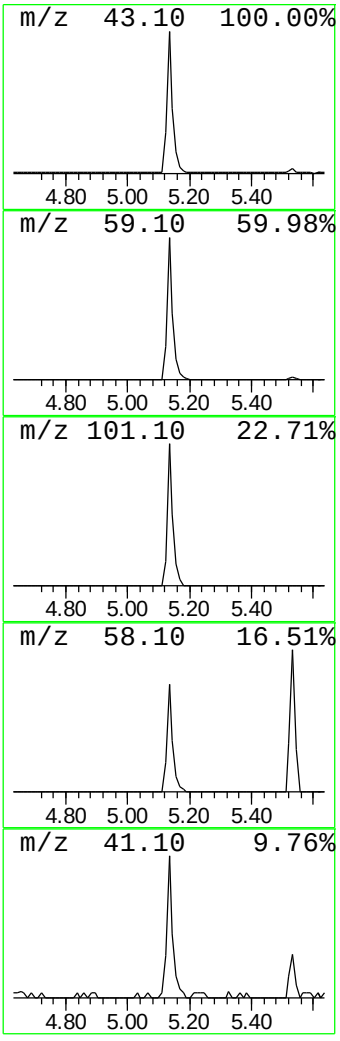
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	8.73 ng	300814	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF085360.D
Acq On : 11 Mar 2016 4:08
Operator : UM/SJ
Sample : H1731-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

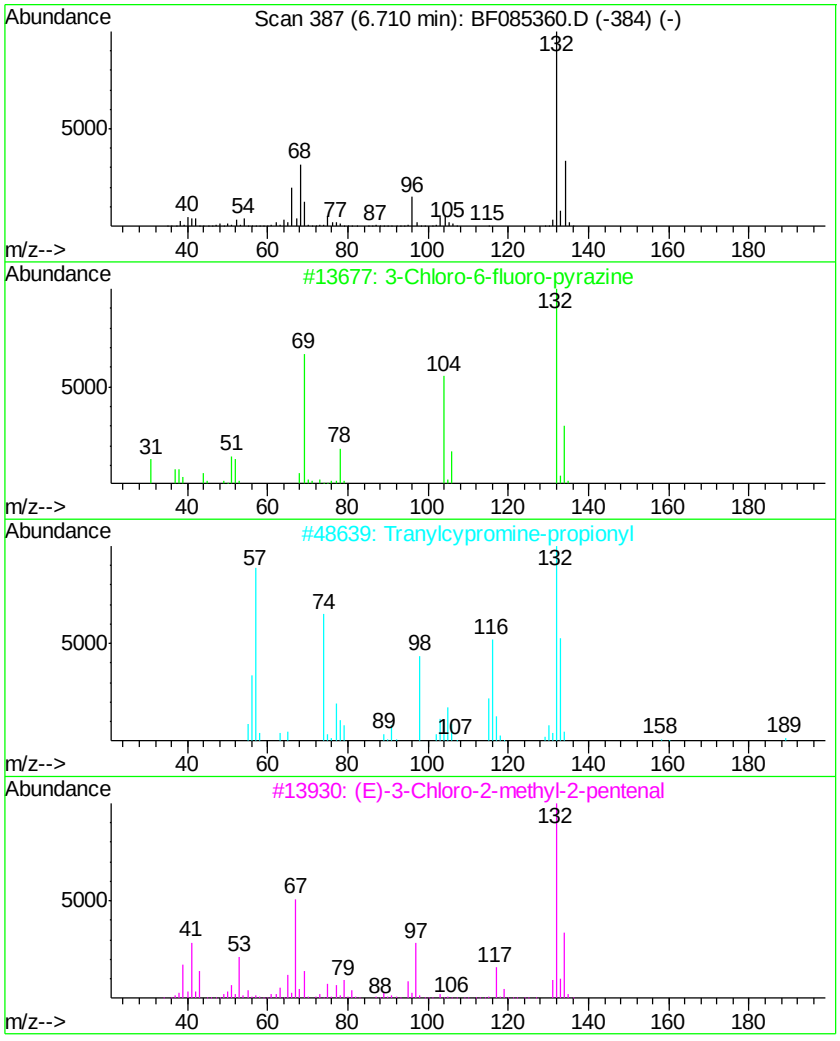
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

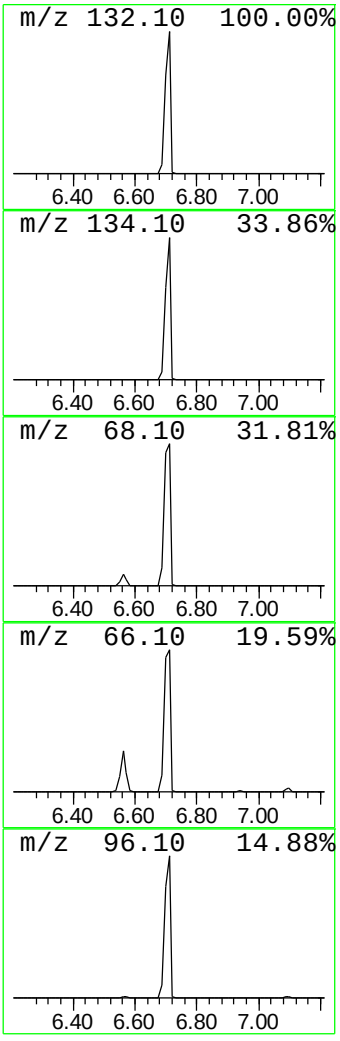
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	104.91 ng	3615920	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : H1731-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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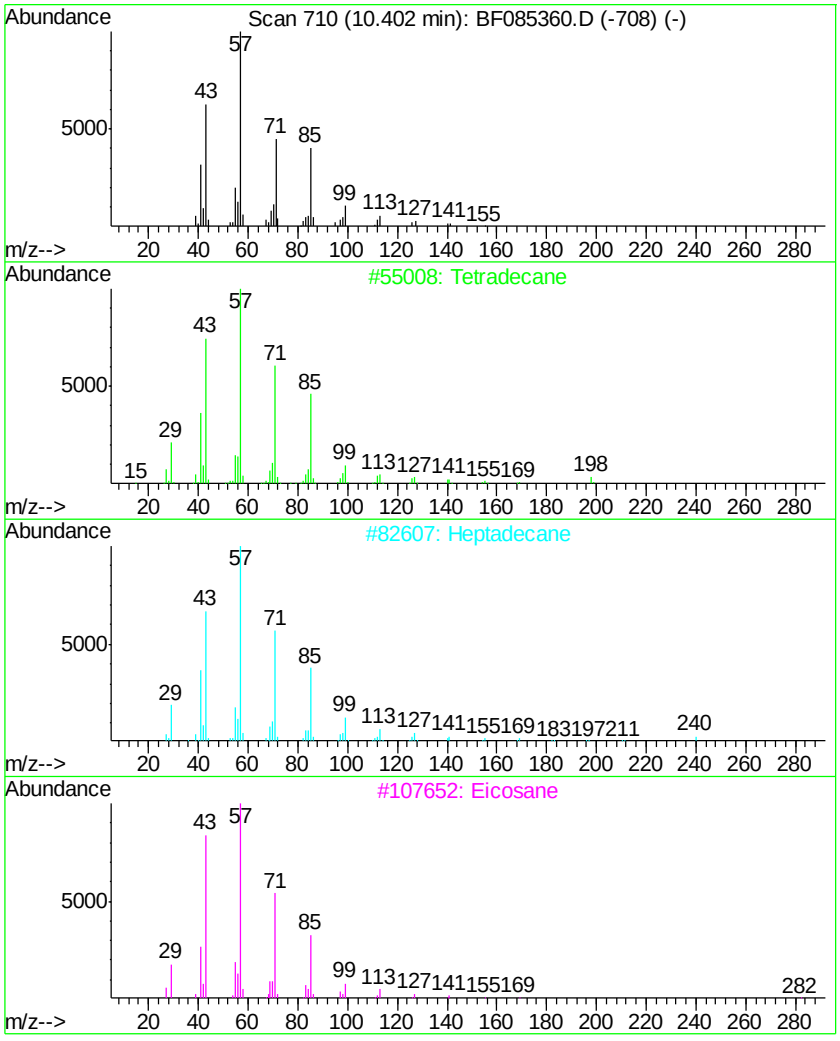
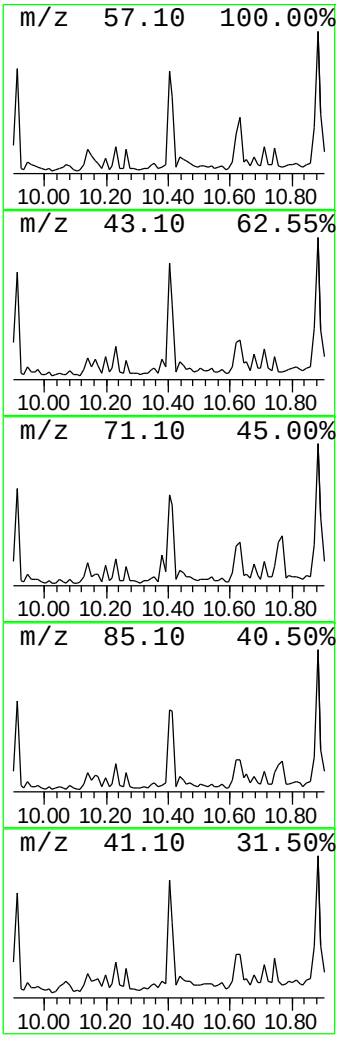
Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.70 ng	126469	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Eicosane	282	C20H42	000112-95-8	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tridecane	184	C13H28	000629-50-5	59





Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085360.D
Acq On : 11 Mar 2016 4:08
Operator : UM/SJ
Sample : H1731-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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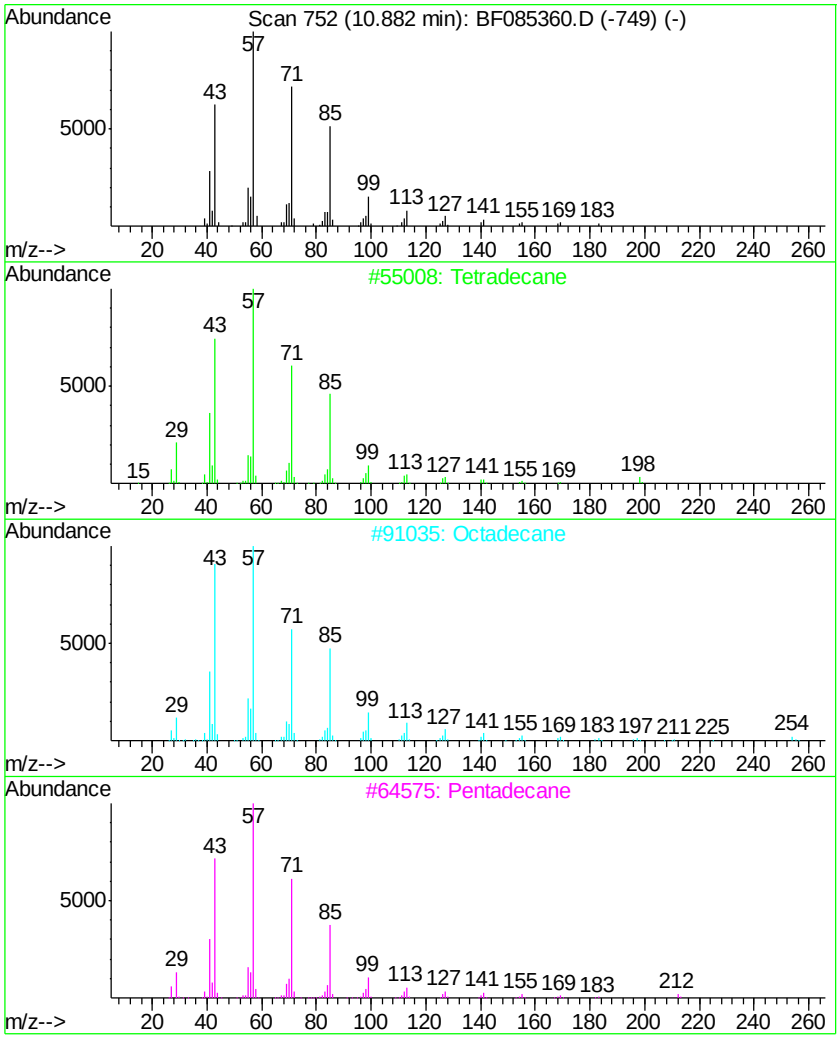
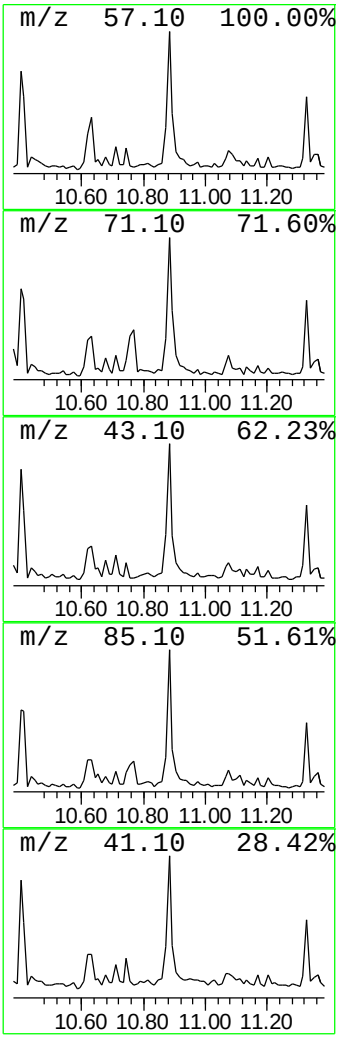
Peak Number 5 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.17 ng	184299	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
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Sample : H1731-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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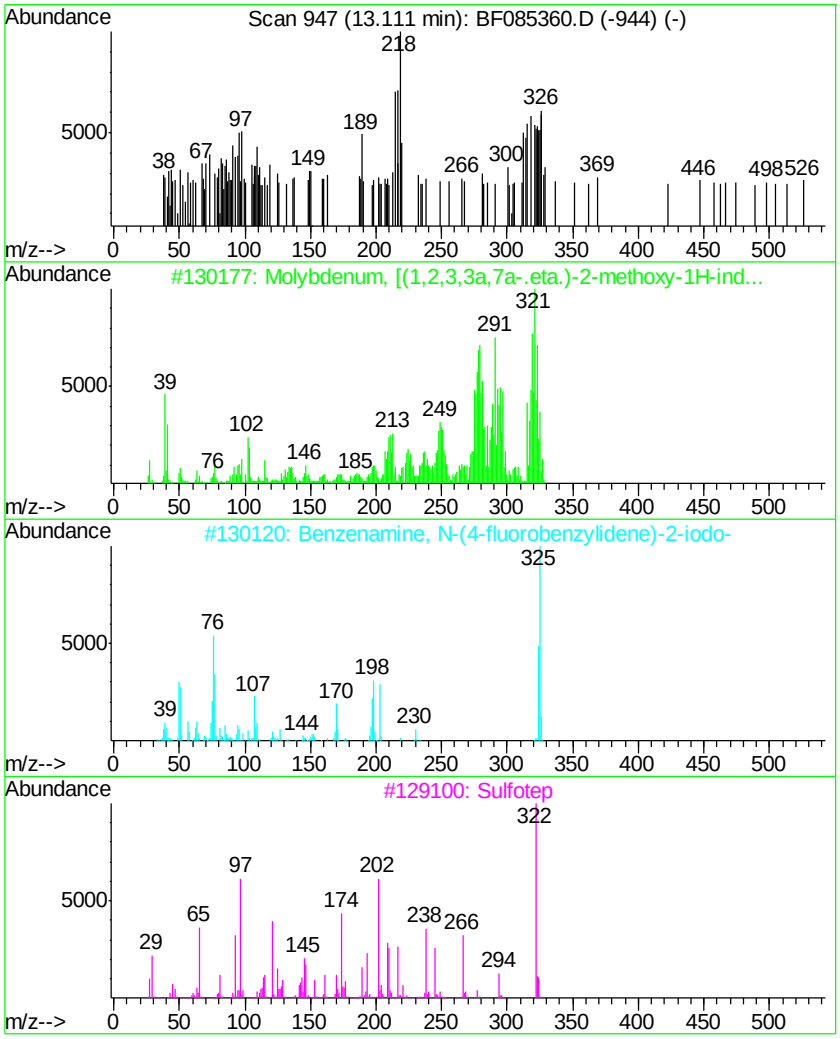
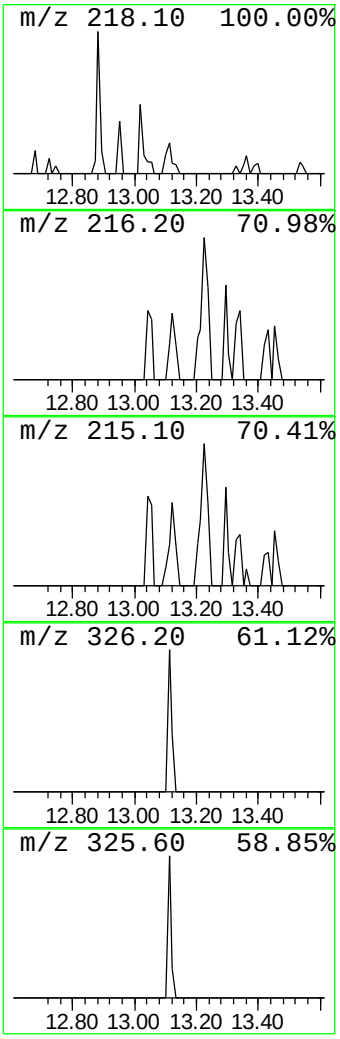
Peak Number 6 unknown13.11 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.95 ng	124325	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Molybdenum, [(1,2,3,3a,7a-.eta.)...	325	C16H19MoO	125312-17-6	25
2	Benzenamine, N-(4-fluorobenzylid...	325	C13H9FIN	312525-64-7	25
3	Sulfotep	322	C8H20O5P2S2	003689-24-5	15
4	9-Octadecenoic acid (Z)-, 3-[(1-...	607	C39H74O4	017367-45-2	14
5	6-Methyl-Z-6-docosene	322	C23H46	1000131-17-2	11





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Sample : H1731-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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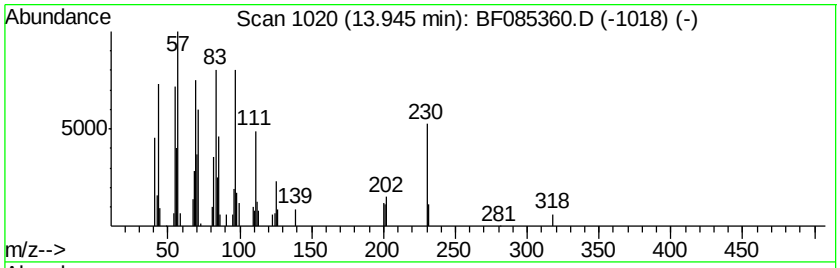
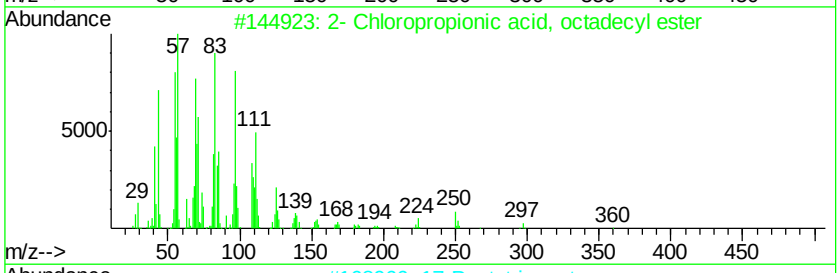
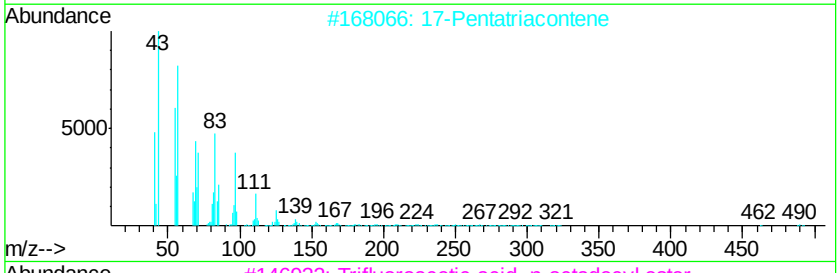
Peak Number 7 2- Chloropropionic acid, oc... Concentration Rank 9

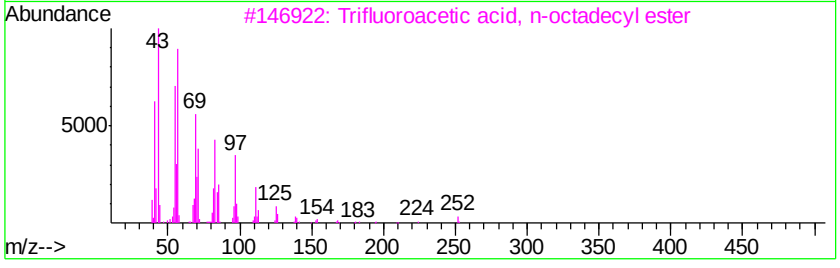
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.40 ng	100926	Chrysene-d12	14.09

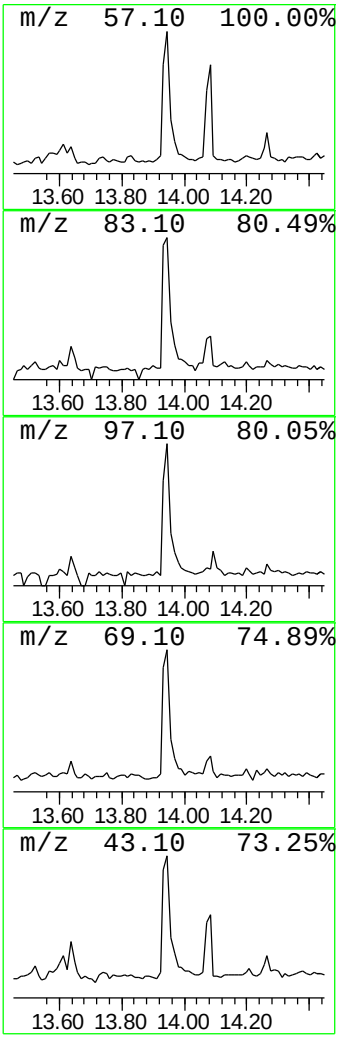
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5	1-Nonadecene	266	C19H38	018435-45-5	81











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Instrument : BNA_F
ClientSampleId : SB-18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

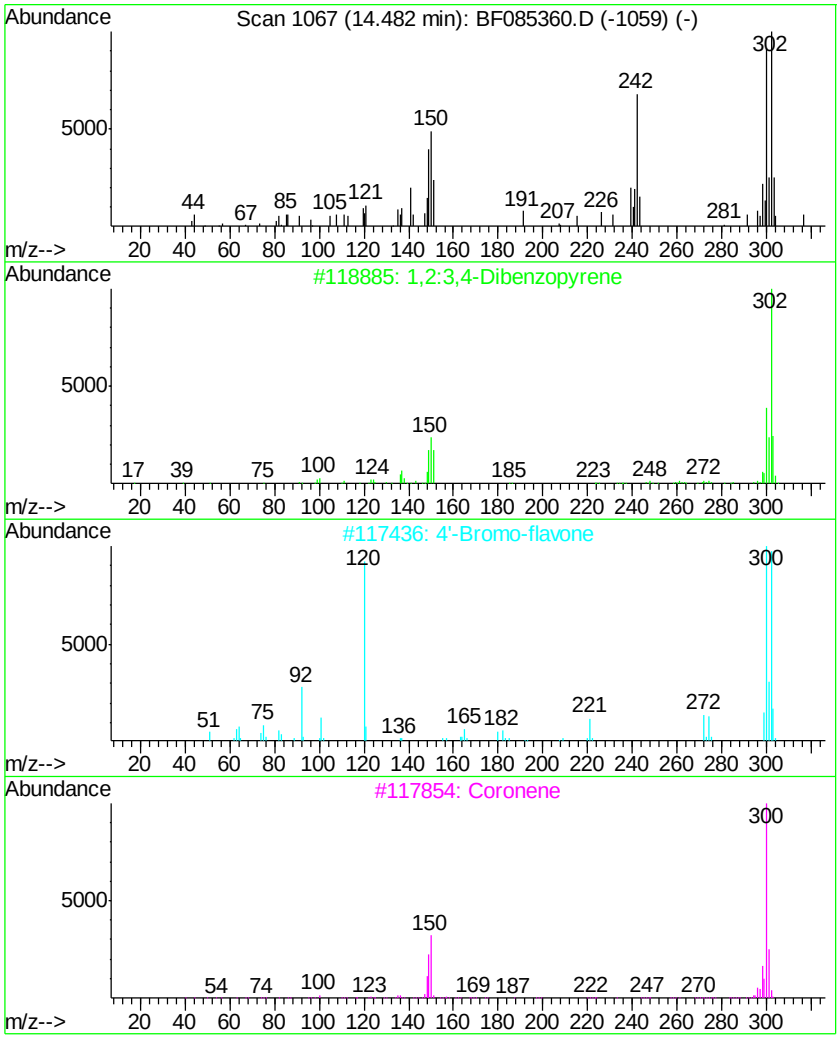
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

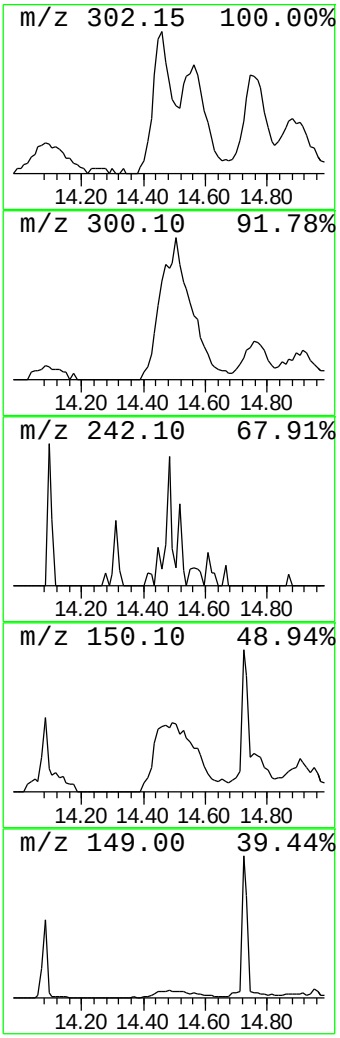
****

Peak Number 8 unknown14.48 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	3.45 ng	145250	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	46
2	4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	43
3	Coronene	300	C24H12	000191-07-1	43
4	Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	41
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	38





Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085360.D
Acq On : 11 Mar 2016 4:08
Operator : UM/SJ
Sample : H1731-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.13	8.7	ng	300814	1	6.94	689321	20.0
unknown6.71	6.71	104.9	ng	3615920	1	6.94	689321	20.0
Tetradecane	10.40	2.7	ng	126469	3	9.98	936885	20.0
Octadecane	10.88	4.2	ng	184299	4	11.46	884147	20.0
unknown13.11	13.11	3.0	ng	124325	5	14.09	842371	20.0
2- Chloropropioni...	13.95	2.4	ng	100926	5	14.09	842371	20.0
unknown14.48	14.48	3.5	ng	145250	5	14.09	842371	20.0