LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
Data File : BF088560.D
Acq On : 1 Jul 2016 6:09
Operator : UM/SJ
Sample : H3747-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C9-B2(0-6)C

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-BF063016.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	1.678	4	8	11	rVB	4932651	6993287	100.00%	17.816%
2	1.747	11	14	23	rVV	255826	564747	8.08%	1.439%
3	1.873	23	25	40	rVB	2156948	3683760	52.68%	9.385%
4	2.067	40	42	72	rVB2	102559	447224	6.40%	1.139%
5	3.084	128	131	143	rBV	86247	234184	3.35%	0.597%
6	4.993	296	298	303	rVB	148117	235173	3.36%	0.599%
7	5.416	332	335	337	rBV	2683498	2767634	39.58%	7.051%
8	6.456	422	426	428	rBV	2151623	3250192	46.48%	8.280%
9	6.582	434	437	440	rBV	2517983	2856501	40.85%	7.277%
10	6.822	455	458	459	rBV	773665	852742	12.19%	2.172%
11	6.970	469	471	474	rVB	1923091	2279597	32.60%	5.807%
12	7.382	504	507	509	rBV	2033830	2050806	29.33%	5.225%
13	8.102	567	570	572	rBV	1398787	1166962	16.69%	2.973%
14	9.176	661	664	667	rVB	2564070	3091858	44.21%	7.877%
15	9.565	696	698	701	rVB	155984	192502	2.75%	0.490%
16	9.851	721	723	725	rBV	1254895	1139974	16.30%	2.904%
17	10.639	789	792	794	rBV	1474348	1558612	22.29%	3.971%
18	11.211	840	842	844	rBV	85655	76235	1.09%	0.194%
19	11.325	850	852	856	rVB2	785225	1027775	14.70%	2.618%
20	11.862	897	899	901	rBV	83486	97767	1.40%	0.249%
21	12.537	956	958	960	rBV	149346	133188	1.90%	0.339%
22	12.765	975	978	979	rBV	99658	142884	2.04%	0.364%
23	12.914	988	991	994	rVB	2254910	2104787	30.10%	5.362%
24	13.394	1027	1033	1037	rBV3	26883	87367	1.25%	0.223%
25	13.828	1069	1071	1074	rBV	156021	189416	2.71%	0.483%
26	13.954	1079	1082	1088	rVB	981249	1028787	14.71%	2.621%
27	14.960	1168	1170	1176	rVV	62941	168476	2.41%	0.429%
28	15.303	1198	1200	1202	rBV	47325	86210	1.23%	0.220%
29	15.360	1202	1205	1208	rVV	627135	744314	10.64%	1.896%

Sum of corrected areas: 39252961

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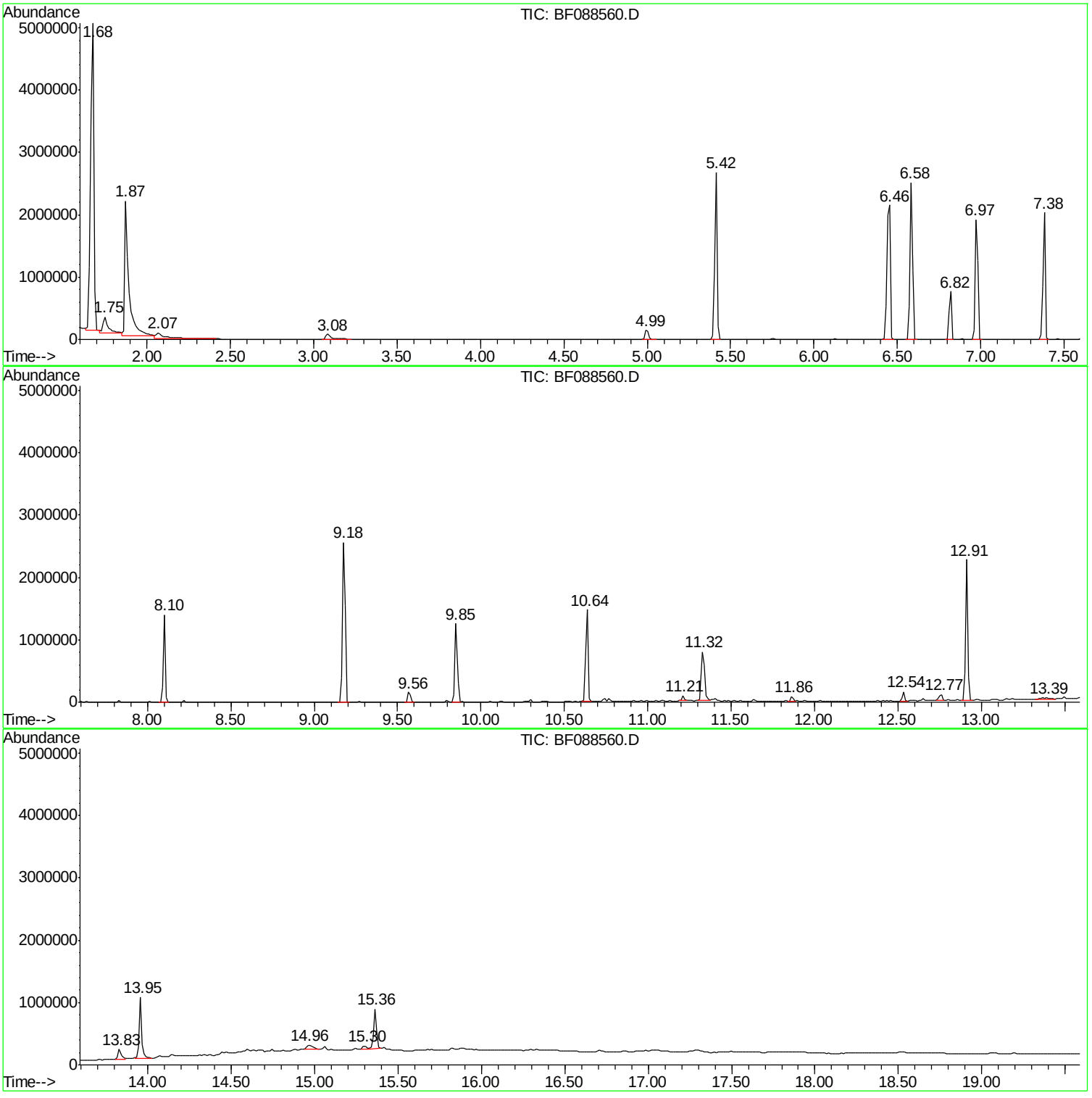
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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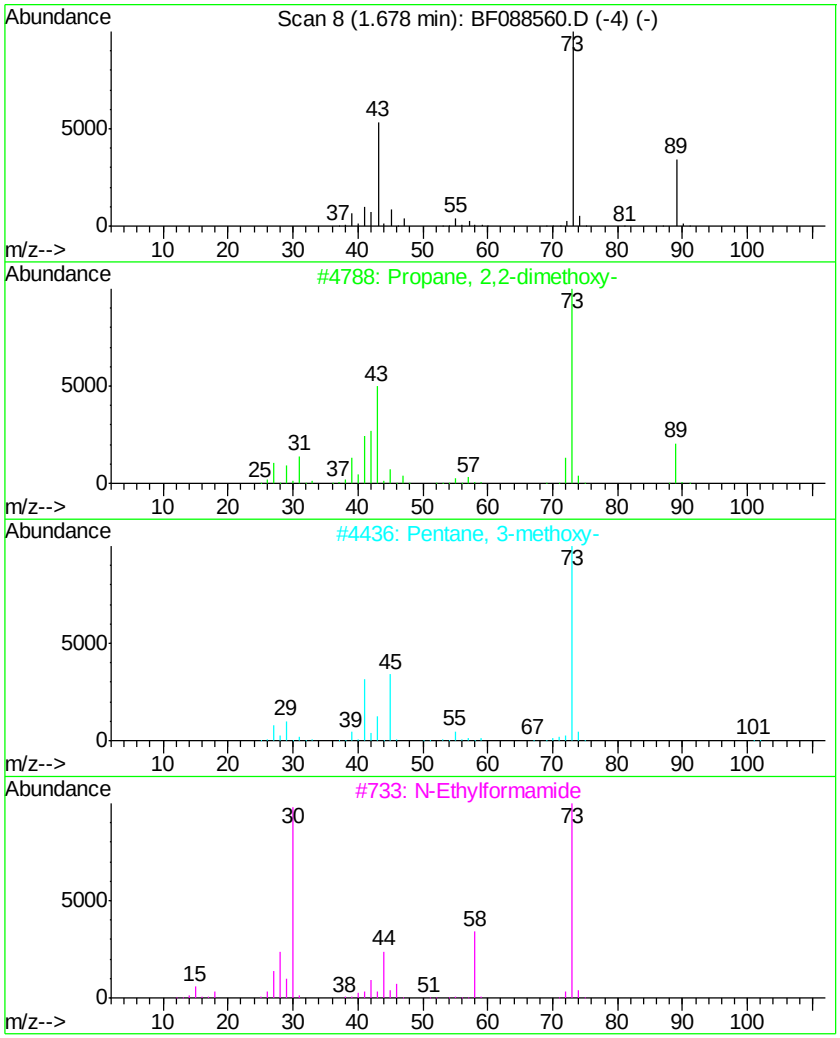
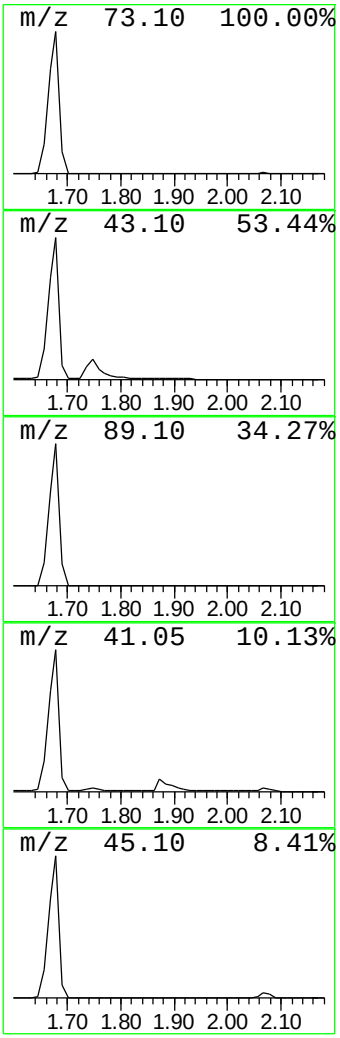
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	164.02 ng	6993290	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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Sample : H3747-06
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Instrument : BNA_F
ClientSampleId : C9-B2(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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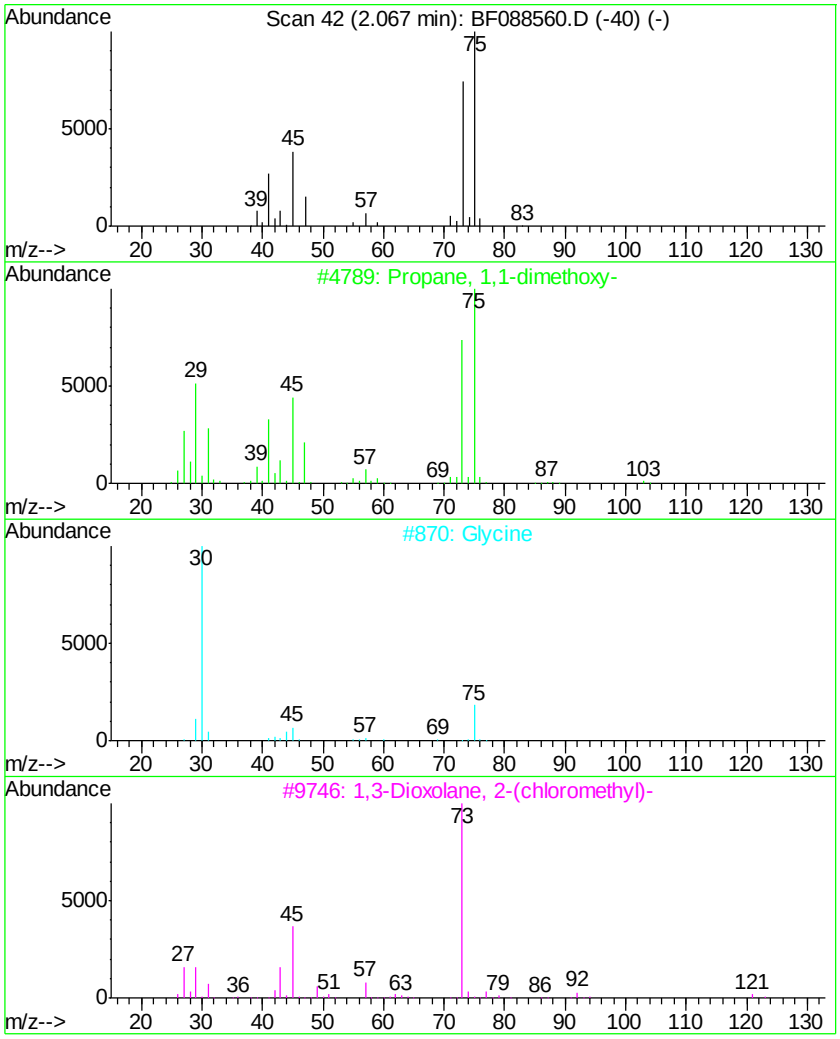
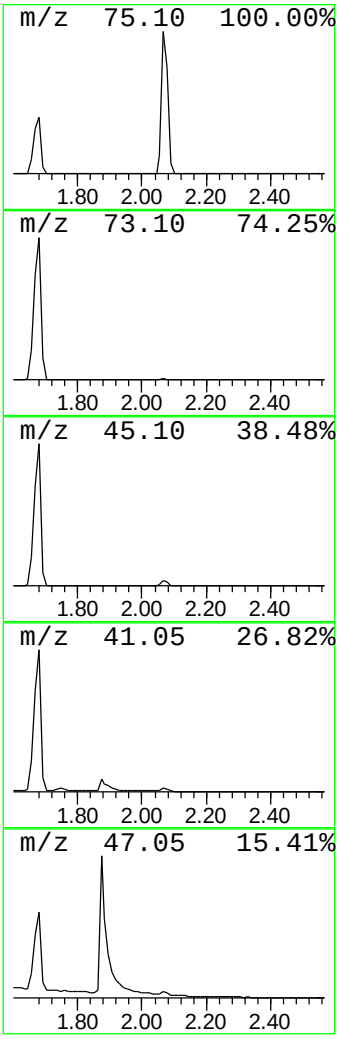
Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	10.49 ng	447224	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Glycine	75	C2H5NO2	000056-40-6	9
3	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	9
4	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Data File : BF088560.D
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Operator : UM/SJ
Sample : H3747-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C9-B2(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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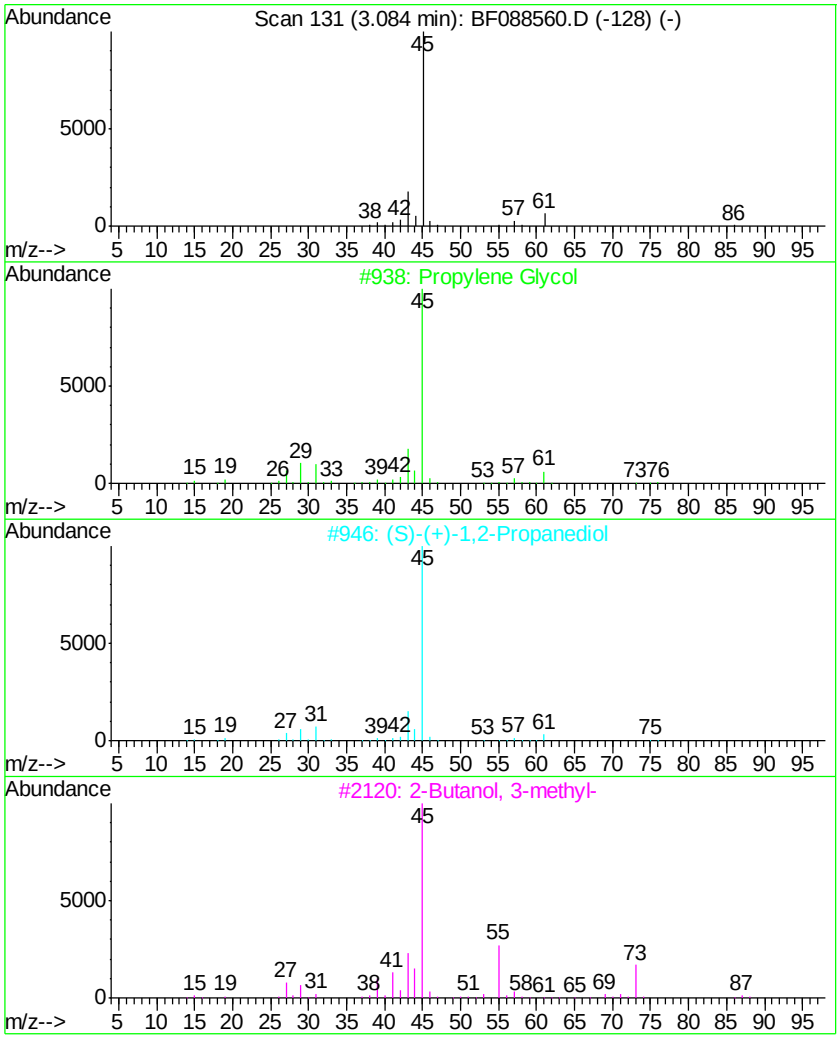
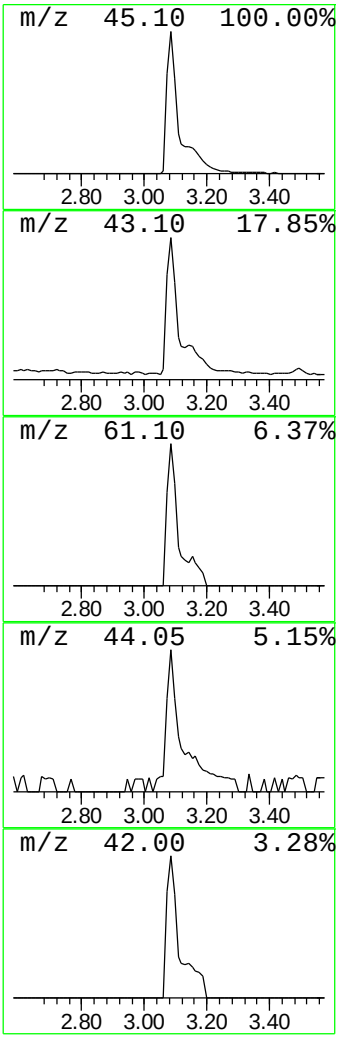
Peak Number 5 unknown3.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	5.49 ng	234184	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	43
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C9-B2(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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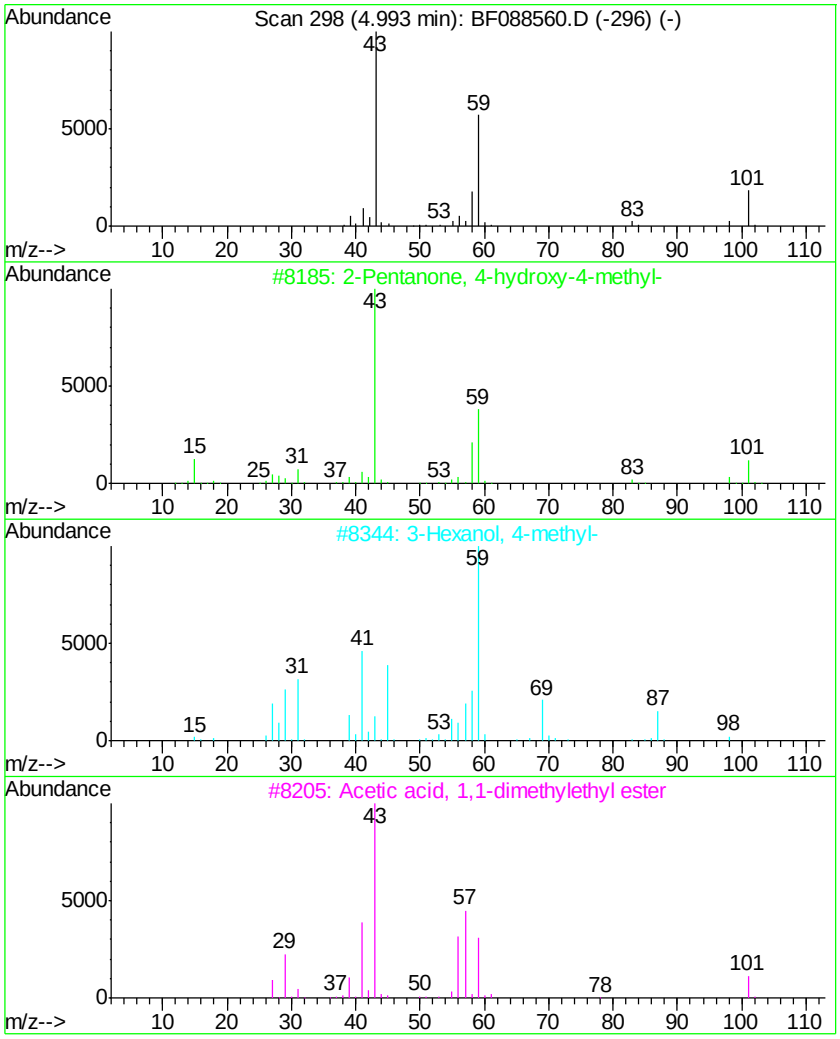
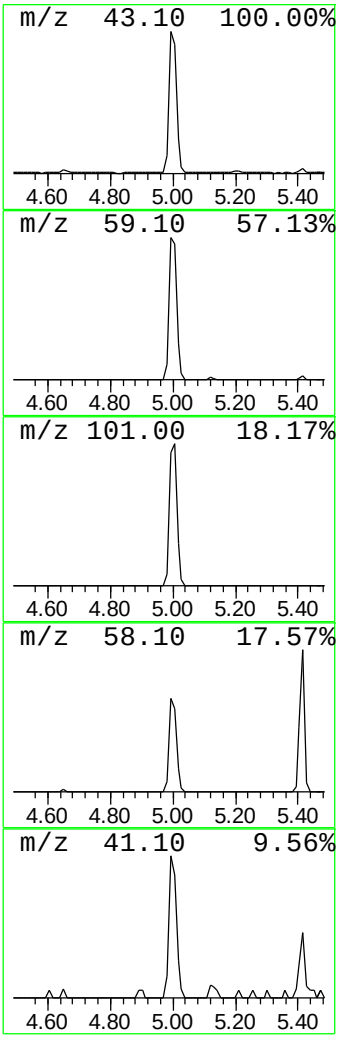
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	5.52 ng	235173	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
ClientSampleId : C9-B2(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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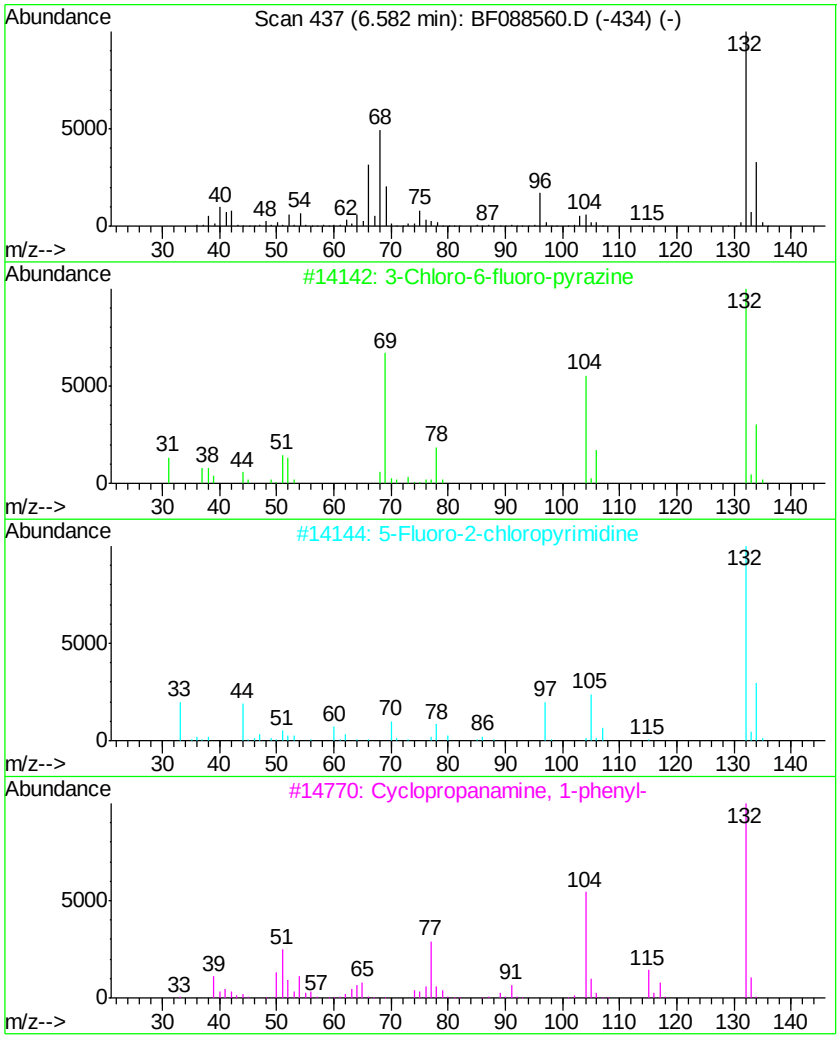
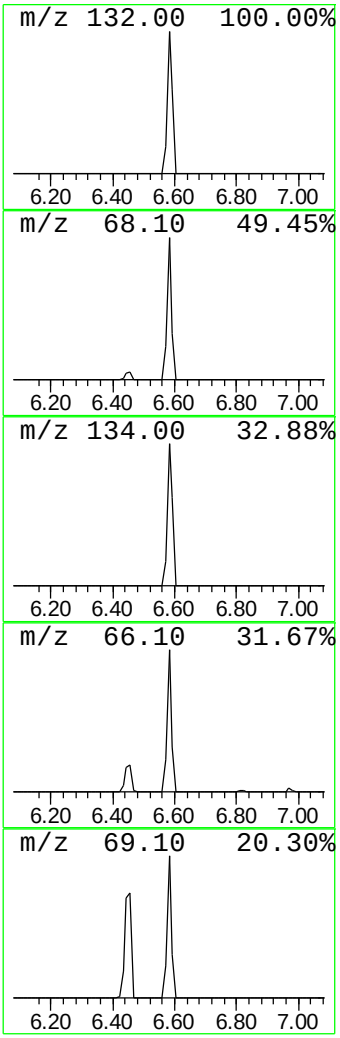
Peak Number 7 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	67.00 ng	2856500	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Xenon	132	Xe	007440-63-3	9





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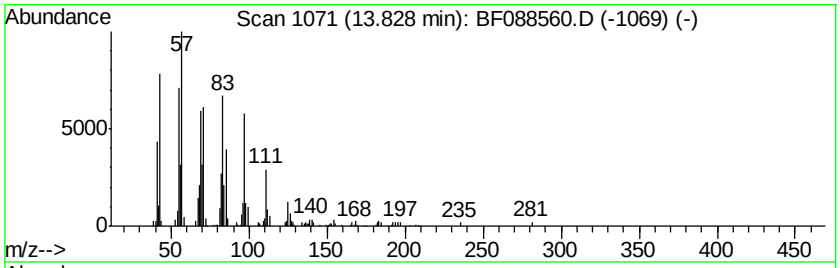
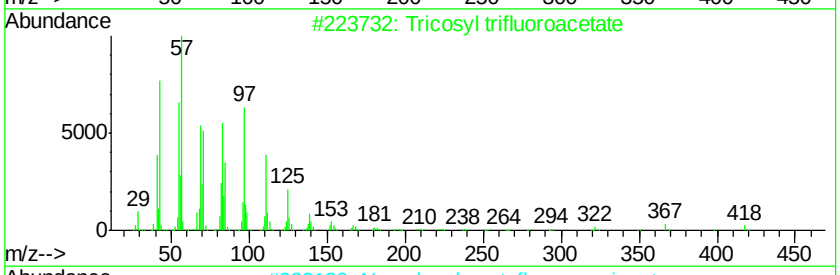
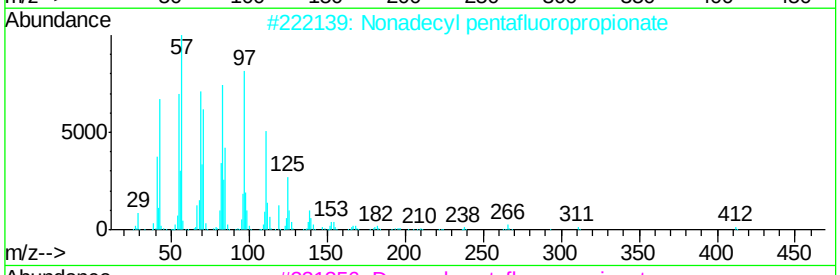
Peak Number 9 Tricosyl trifluoroacetate Concentration Rank 10

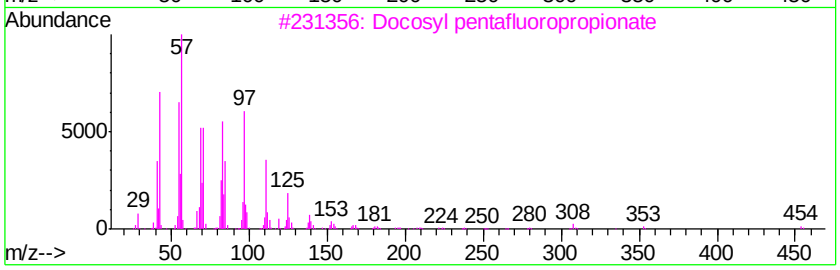
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.68 ng	189416	Chrysene-d12	13.95

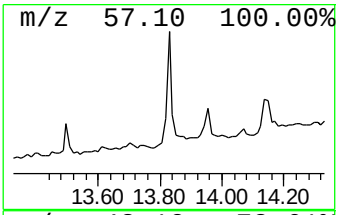
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81

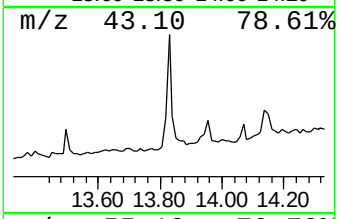


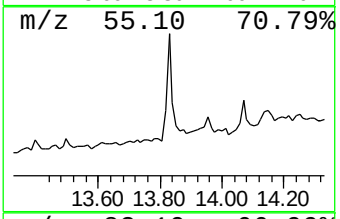


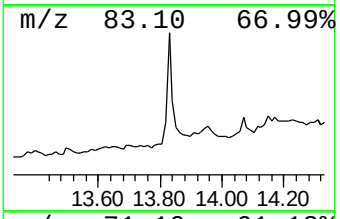


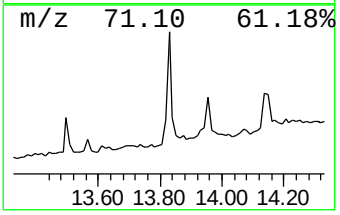












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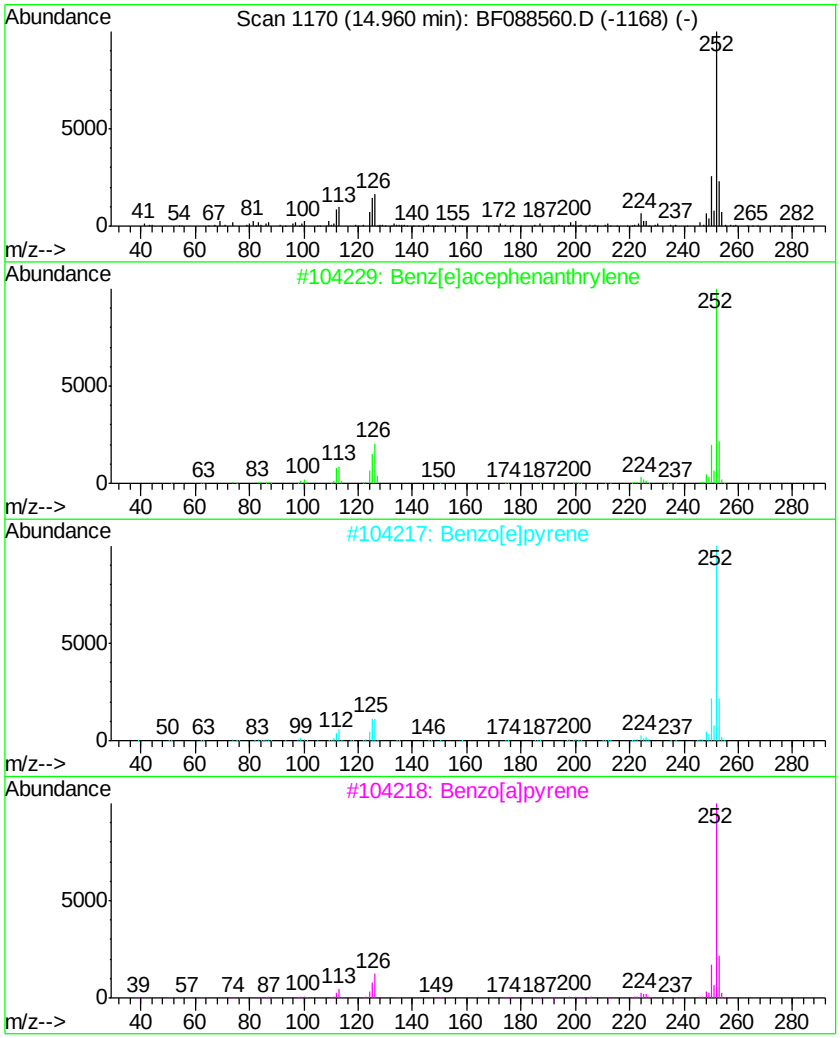
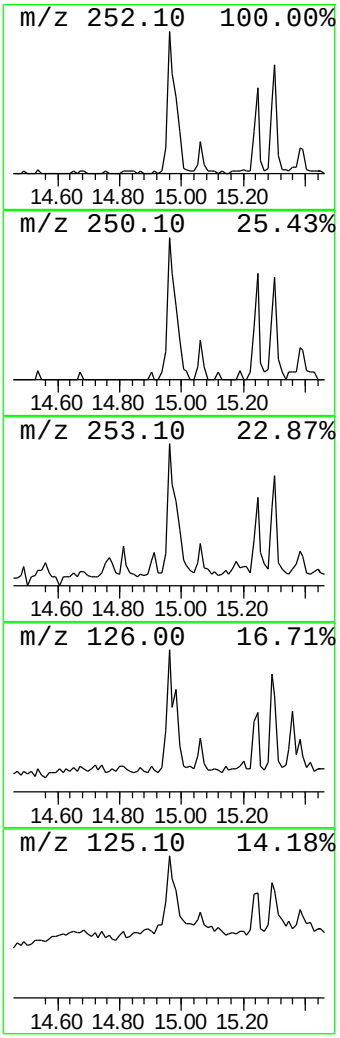
****

Peak Number 10 Benz[e]acephenanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.53 ng	168476	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	89





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TIC Library : C:\Database\NIST11.L
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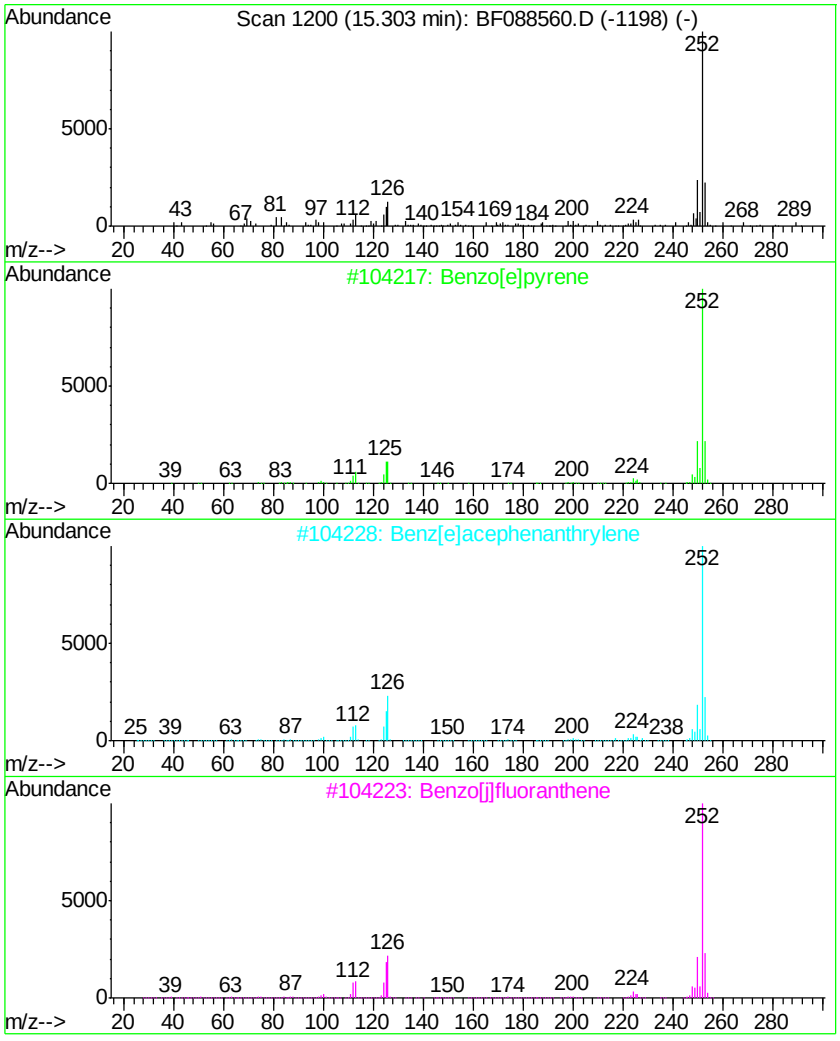
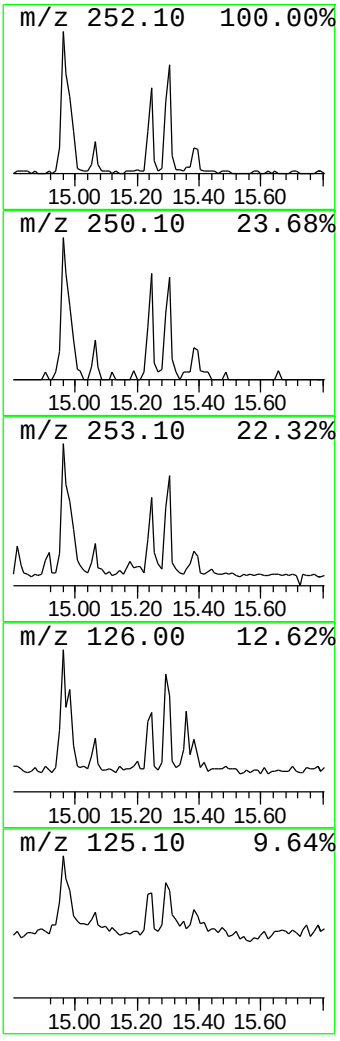
Peak Number 11 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.32 ng	86210	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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Sample : H3747-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C9-B2(0-6)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
Propane, 2,2-dime...	1.68	164.0	ng	6993290	1	6.82	852742	20.0
Propane, 1,1-dime...	2.07	10.5	ng	447224	1	6.82	852742	20.0
unknown3.08	3.08	5.5	ng	234184	1	6.82	852742	20.0
2-Pentanone, 4-hy...	4.99	5.5	ng	235173	1	6.82	852742	20.0
unknown6.58	6.58	67.0	ng	2856500	1	6.82	852742	20.0
Tricosyl trifluor...	13.83	3.7	ng	189416	5	13.95	1028790	20.0
Benz[e]acephenant...	14.96	4.5	ng	168476	6	15.36	744314	20.0
Benzo[e]pyrene	15.30	2.3	ng	86210	6	15.36	744314	20.0