LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087765.D
Acq On : 6 Jun 2016 21:50
Operator : UM/SJ
Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

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-BF060416.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	1.712	7	11	14	rVB	3942704	7360702	100.00%	18.940%
2	1.770	14	16	25	rVV	256367	582785	7.92%	1.500%
3	1.895	25	27	44	rVB	1860327	3055785	41.51%	7.863%
4	2.112	44	46	62	rVB	85490	217088	2.95%	0.559%
5	3.804	191	194	197	rVB	72088	99741	1.36%	0.257%
6	5.038	299	302	306	rBV	187335	250949	3.41%	0.646%
7	5.450	335	338	341	rVB	2048775	2211151	30.04%	5.689%
8	6.124	393	397	399	rBV	275266	236664	3.22%	0.609%
9	6.490	425	429	431	rBV	2223592	2803099	38.08%	7.213%
10	6.616	437	440	443	rBV	2199208	2341973	31.82%	6.026%
11	6.844	458	460	463	rBV	463644	614483	8.35%	1.581%
12	7.004	472	474	477	rVB	1913507	1943185	26.40%	5.000%
13	7.416	507	510	512	rBV	1587457	1575885	21.41%	4.055%
14	8.136	571	573	575	rBV	987329	895435	12.17%	2.304%
15	9.165	661	663	665	rVV	112757	91949	1.25%	0.237%
16	9.210	665	667	670	rVB	2299985	2645538	35.94%	6.807%
17	9.610	700	702	704	rBV	163625	195843	2.66%	0.504%
18	9.885	724	726	728	rBV	746839	798826	10.85%	2.055%
19	10.673	792	795	797	rBV	1465549	1361846	18.50%	3.504%
20	10.799	804	806	810	rBV	76455	117125	1.59%	0.301%
21	11.371	854	856	857	rBV	785720	743324	10.10%	1.913%
22	11.439	859	862	864	rVB	100520	101228	1.38%	0.260%
23	11.599	873	876	881	rBV3	79108	143408	1.95%	0.369%
24	11.896	901	902	904	rVV	106710	99198	1.35%	0.255%
25	11.976	907	909	914	rVB	98011	151379	2.06%	0.390%
26	12.159	923	925	931	rVB4	43219	89524	1.22%	0.230%
27	12.422	945	948	950	rBV	157143	199098	2.70%	0.512%
28	12.582	959	962	964	rVB	586095	653918	8.88%	1.683%
29	12.799	978	981	983	rBV2	467344	720815	9.79%	1.855%
30	12.856	983	986	988	rVB3	41580	85097	1.16%	0.219%
31	12.959	992	995	997	rVB	1943253	2163632	29.39%	5.567%
32	13.131	1007	1010	1012	rVB	87024	147748	2.01%	0.380%
33	13.199	1012	1016	1017	rBV2	77135	105054	1.43%	0.270%
34	13.234	1017	1019	1023	rVB2	91516	118990	1.62%	0.306%

LSC Area Percent Report

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Sample : H3371-01
Misc :
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Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.496	1040	1042	1044	rBV2	35552	73789	1.00%	0.190%
36	13.634	1052	1054	1057	rVB	73709	82759	1.12%	0.213%
37	13.748	1061	1064	1065	rBV2	71604	107423	1.46%	0.276%
38	13.782	1065	1067	1071	rVV4	35696	103985	1.41%	0.268%
39	13.851	1071	1073	1076	rVB2	106969	191871	2.61%	0.494%
40	13.999	1083	1086	1091	rVB2	798190	1327371	18.03%	3.415%
41	14.388	1115	1120	1121	rBV	64002	115100	1.56%	0.296%
42	14.857	1158	1161	1165	rBV3	52262	84263	1.14%	0.217%
43	15.017	1172	1175	1180	rBV	270121	509027	6.92%	1.310%
44	15.119	1181	1184	1190	rVB2	64876	115597	1.57%	0.297%
45	15.302	1198	1200	1203	rVB	150730	191986	2.61%	0.494%
46	15.359	1203	1205	1208	rBV	172408	224049	3.04%	0.576%
47	15.428	1208	1211	1213	rBV	355744	482629	6.56%	1.242%
48	16.811	1329	1332	1336	rVB2	86218	158026	2.15%	0.407%
49	17.223	1365	1368	1374	rVB	76579	173627	2.36%	0.447%

Sum of corrected areas: 38863967

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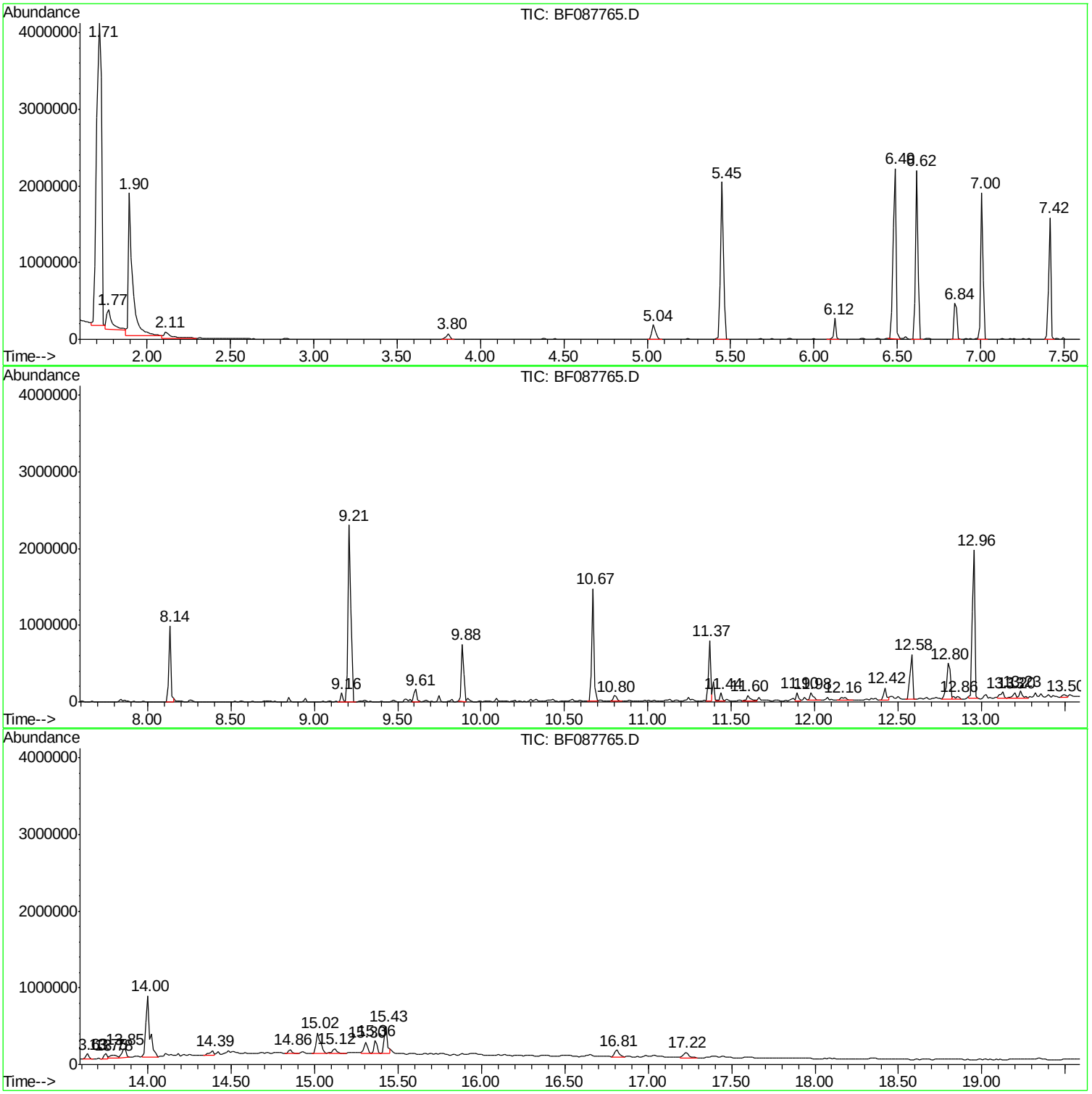
Instrument :
BNA_F
ClientSampleId :
CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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\BF060616\
Data File : BF087765.D
Acq On : 6 Jun 2016 21:50
Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

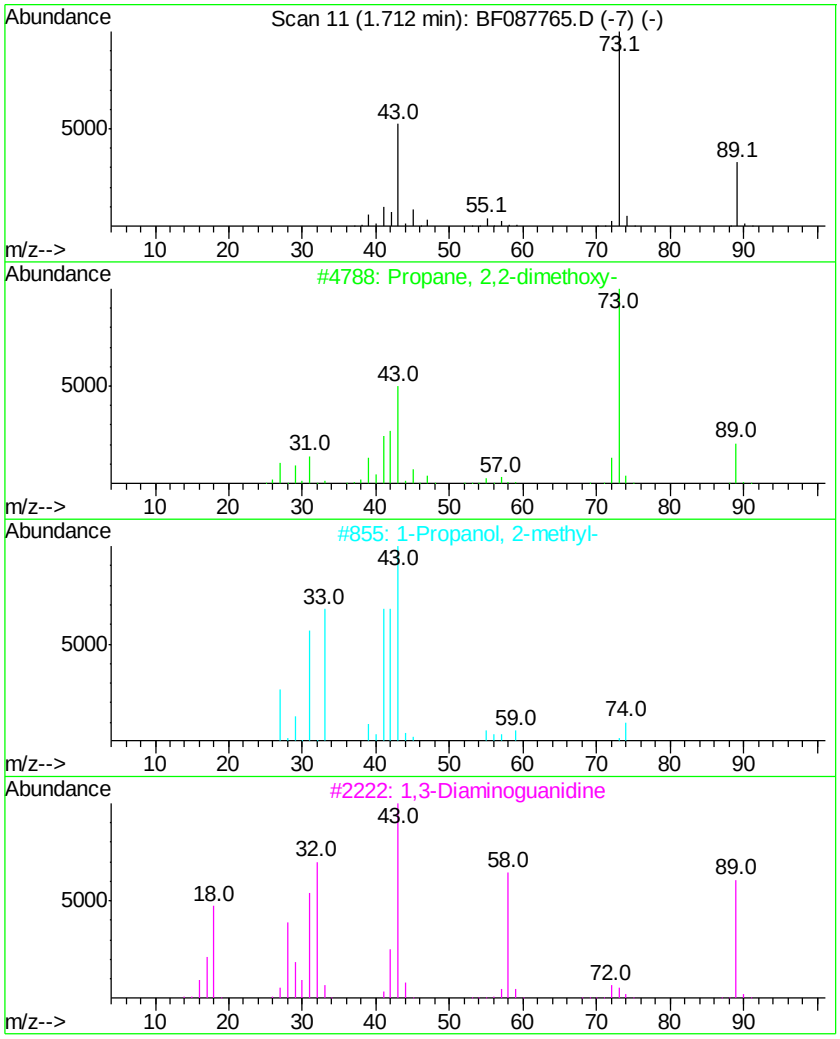
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

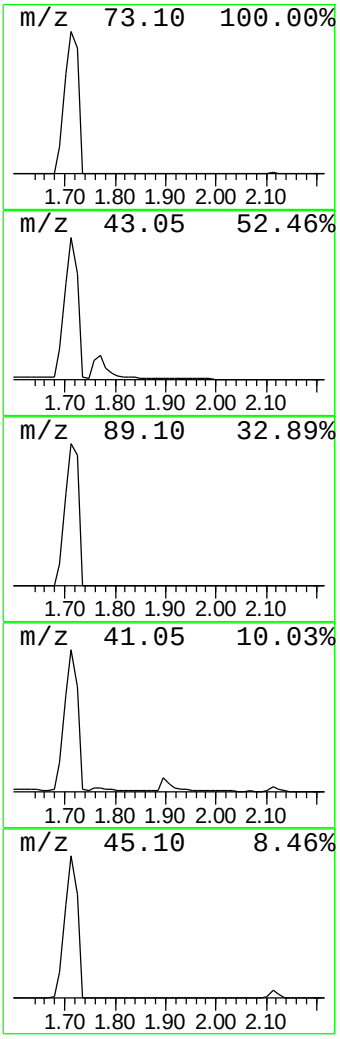
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.71	239.57 ng	7360700	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
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Acq On : 6 Jun 2016 21:50
Operator : UM/SJ
Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

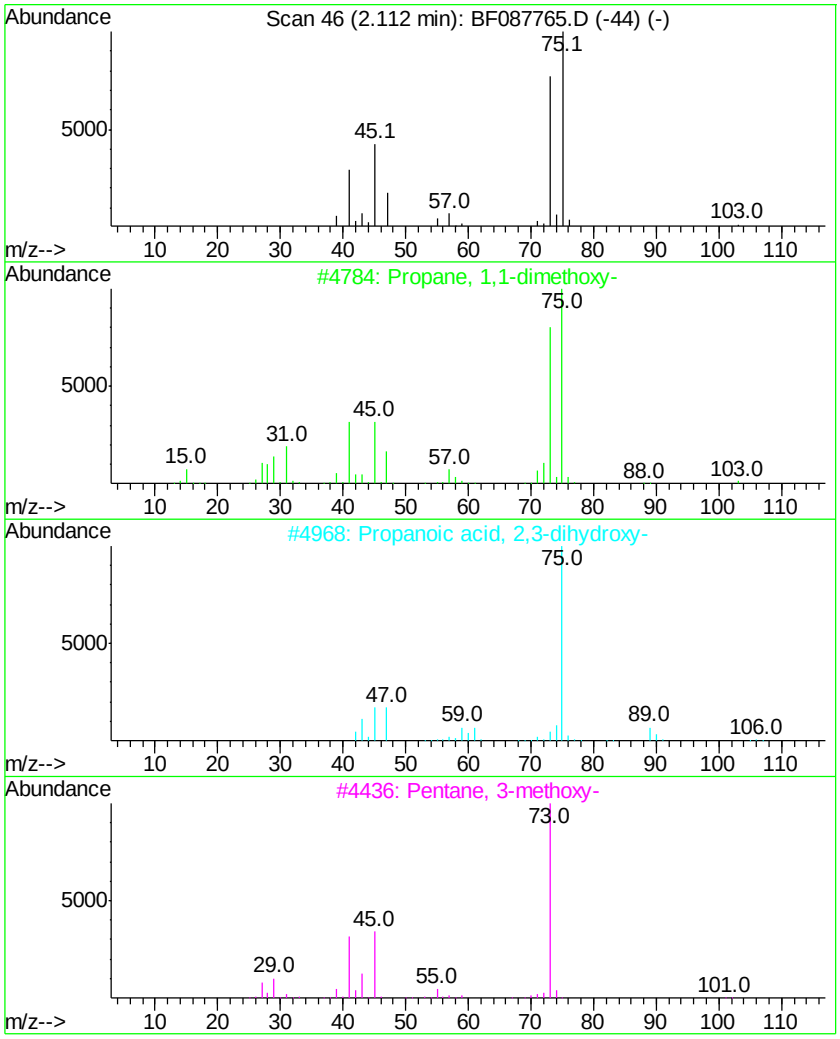
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

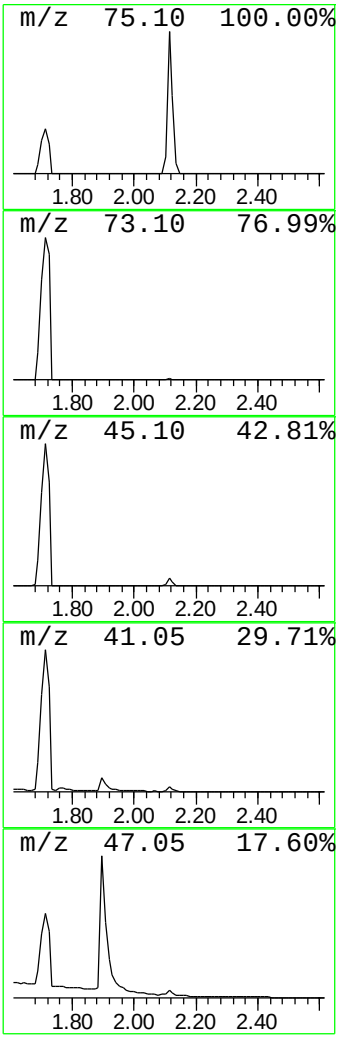
****

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	7.07 ng	217088	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Propanoic acid, 2,3-dihydroxy-	106	C3H6O4	000473-81-4	33
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	.beta.-D-Glucopyranoside, methyl...	176	C7H12O5	003056-46-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087765.D
Acq On : 6 Jun 2016 21:50
Operator : UM/SJ
Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

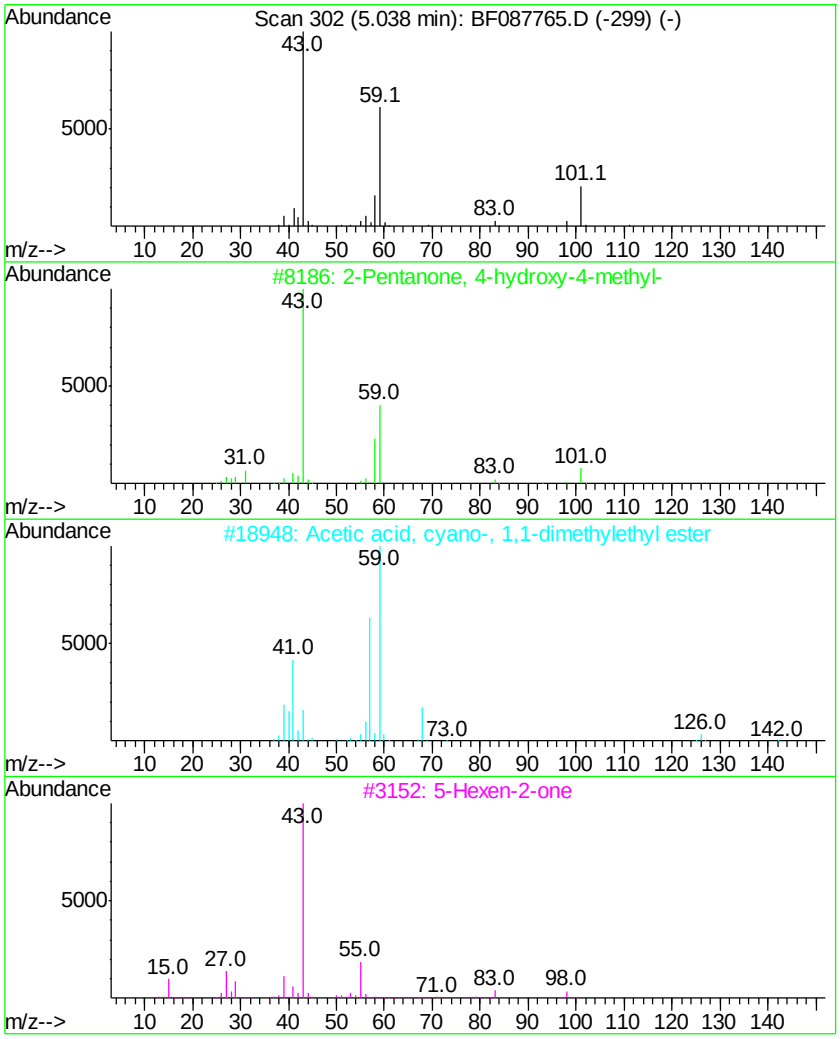
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

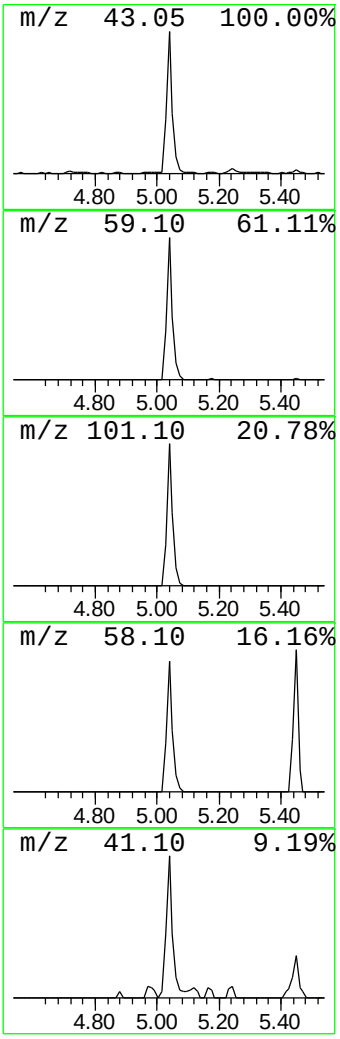
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	8.17 ng	250949	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
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Acq On : 6 Jun 2016 21:50
Operator : UM/SJ
Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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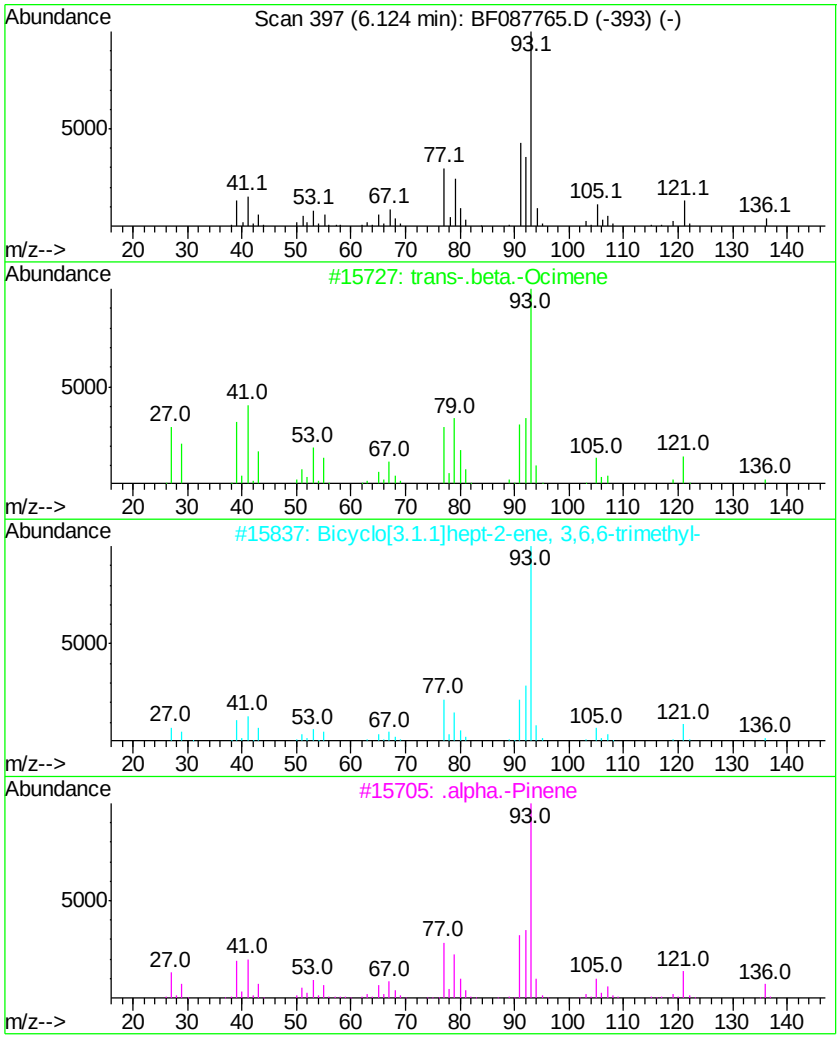
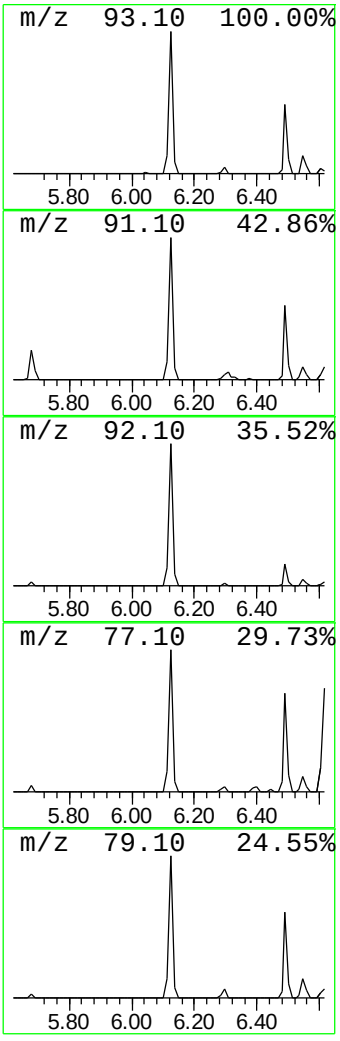
****

Peak Number 7 trans-.beta.-Ocimene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	7.70 ng	236664	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





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Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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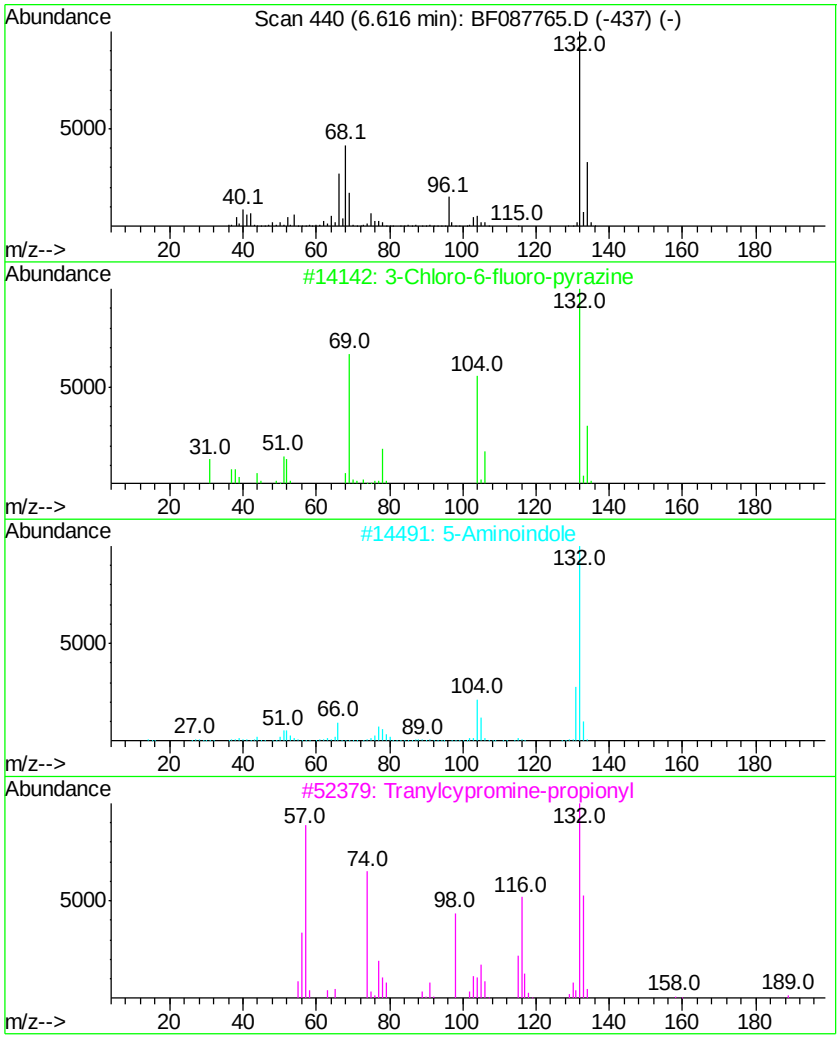
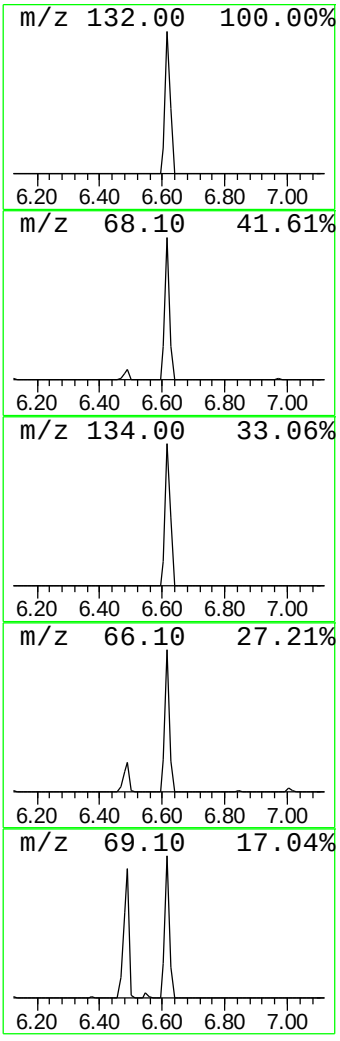
****

Peak Number 8 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	76.23 ng	2341970	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

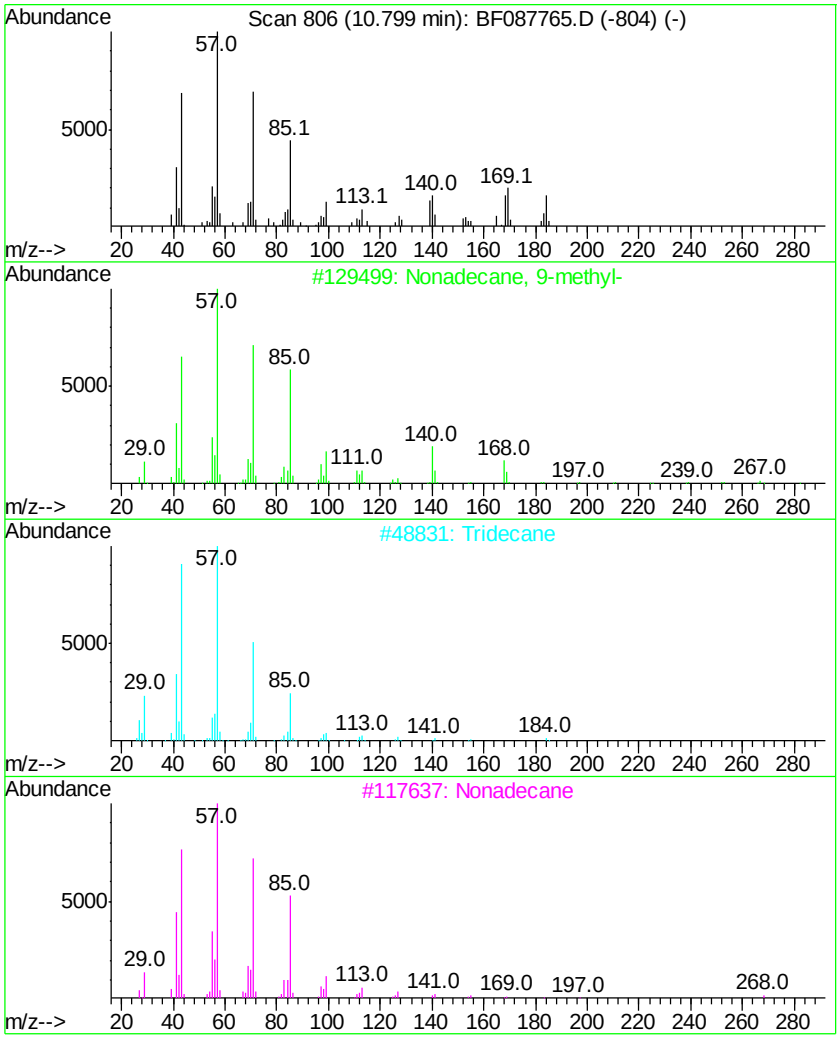
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

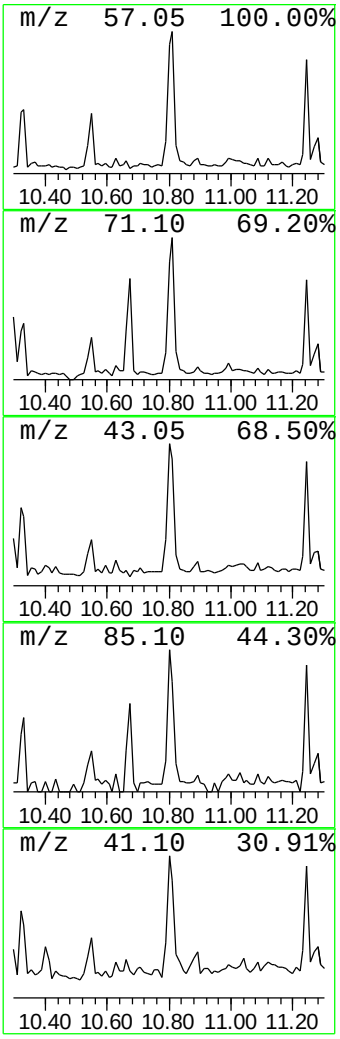
****

Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.15 ng	117125	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
2	Tridecane	184	C13H28	000629-50-5	64
3	Nonadecane	268	C19H40	000629-92-5	60
4	Dodecane	170	C12H26	000112-40-3	60
5	Heneicosane	296	C21H44	000629-94-7	60





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Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

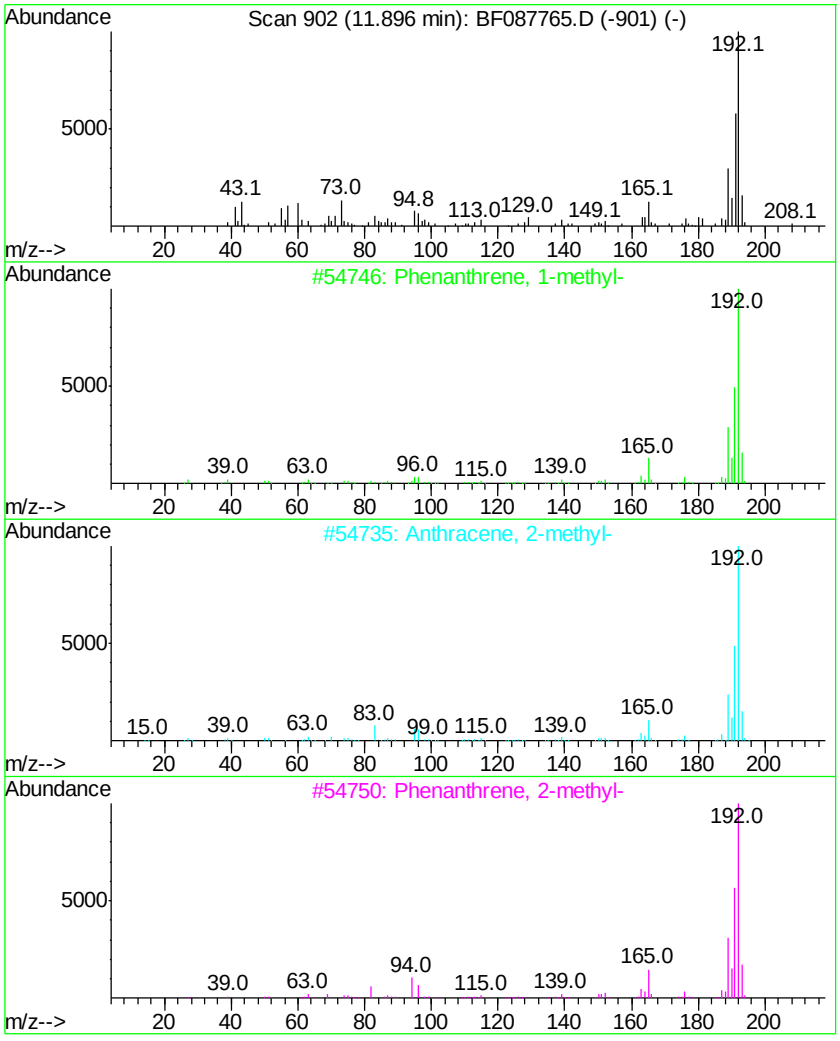
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

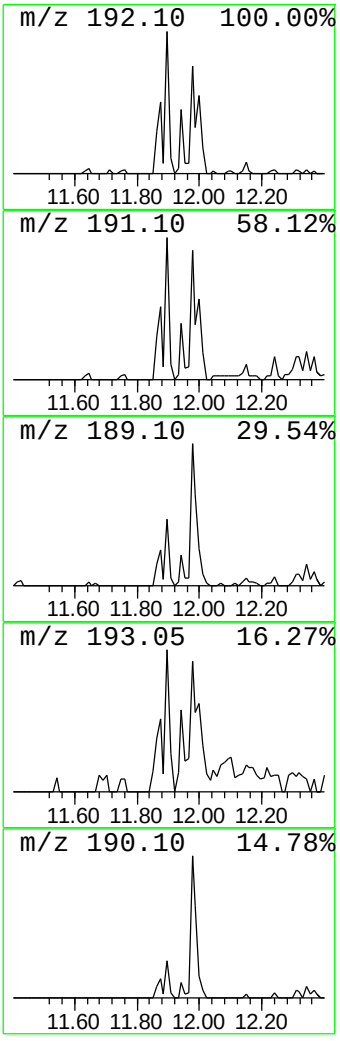
****

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.67 ng	99198	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Data File : BF087765.D
Acq On : 6 Jun 2016 21:50
Operator : UM/SJ
Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

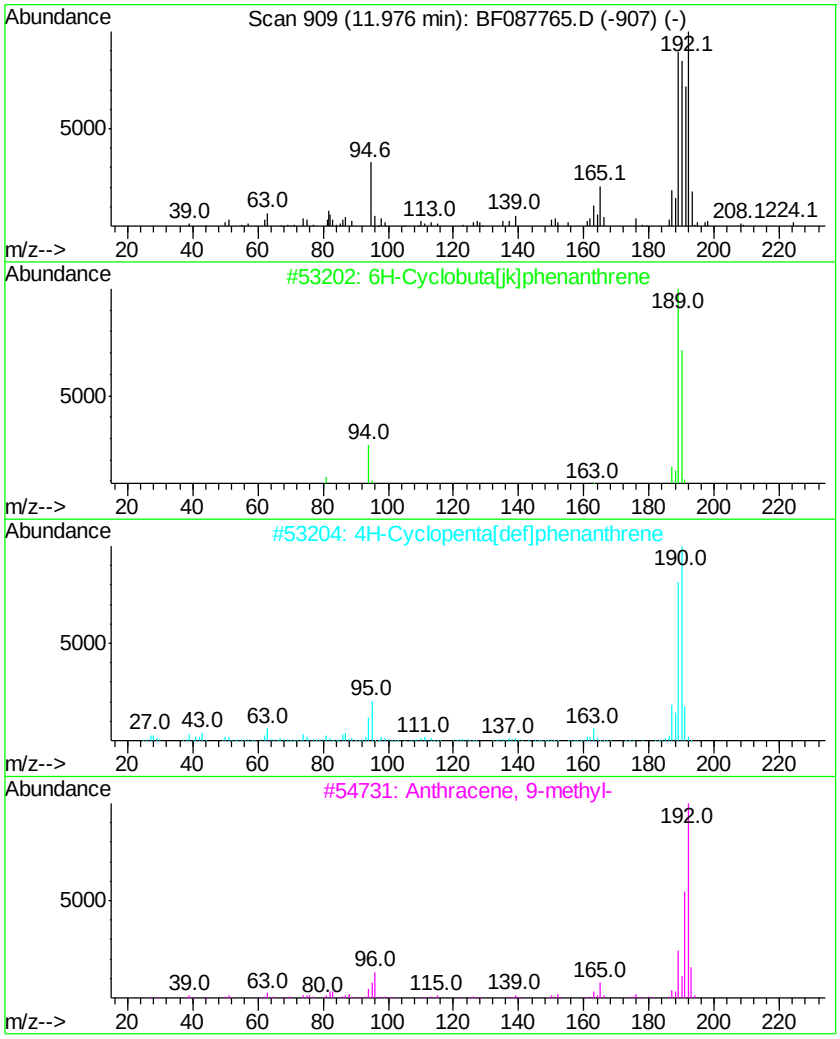
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

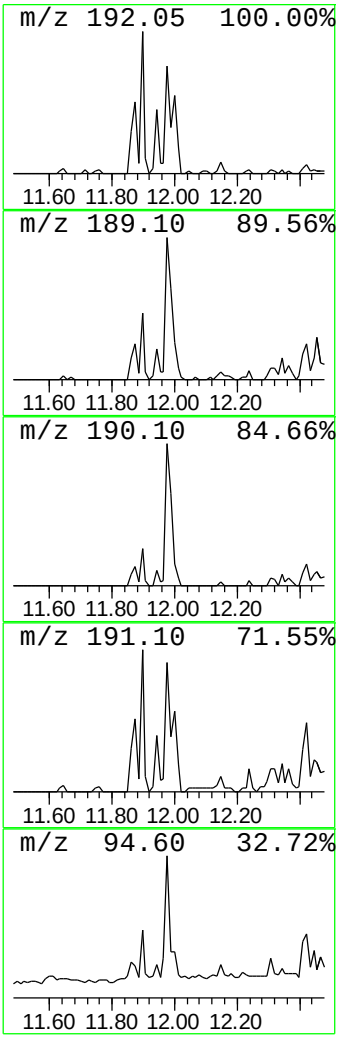
****

Peak Number 13 unknown11.98 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.07 ng	151379	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087765.D
Acq On : 6 Jun 2016 21:50
Operator : UM/SJ
Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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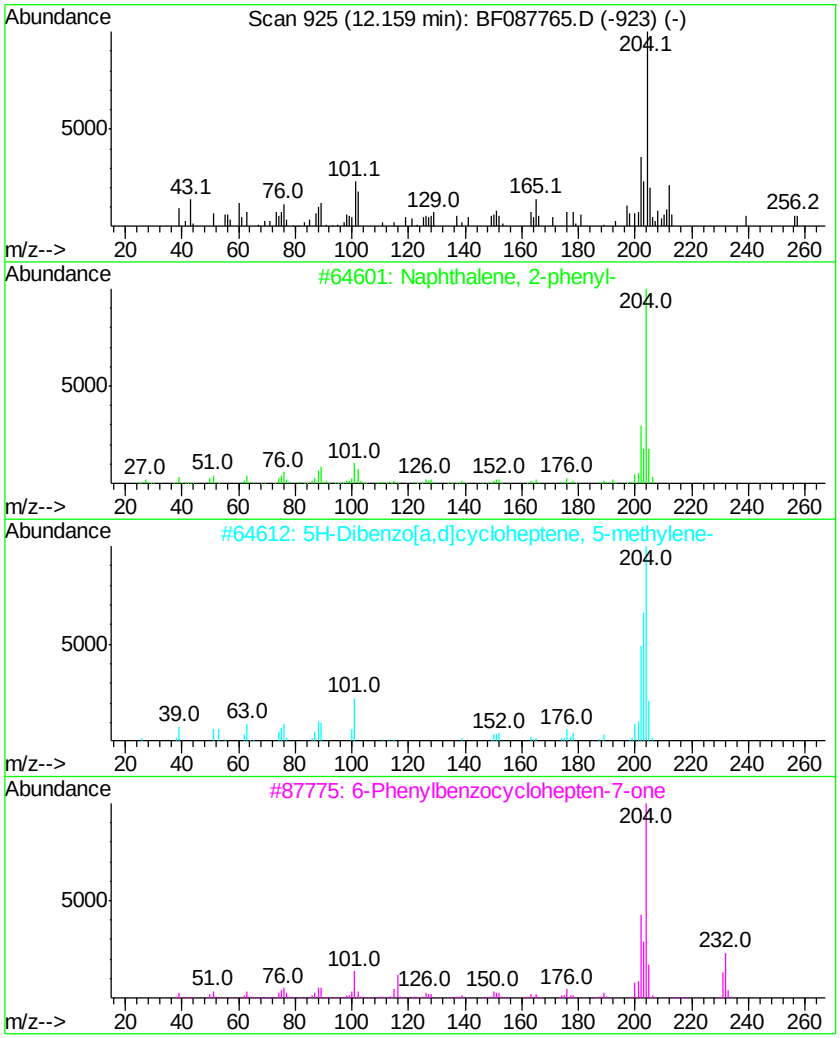
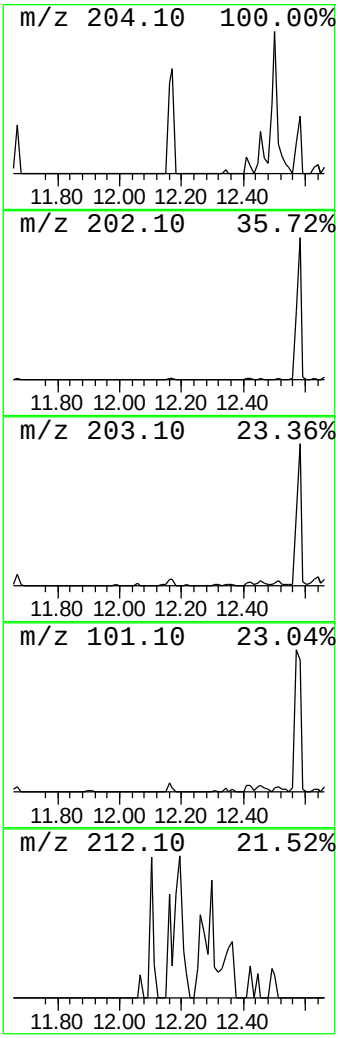
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.41 ng	89524	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	59
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	55
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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TIC Library : C:\Database\NIST11.L
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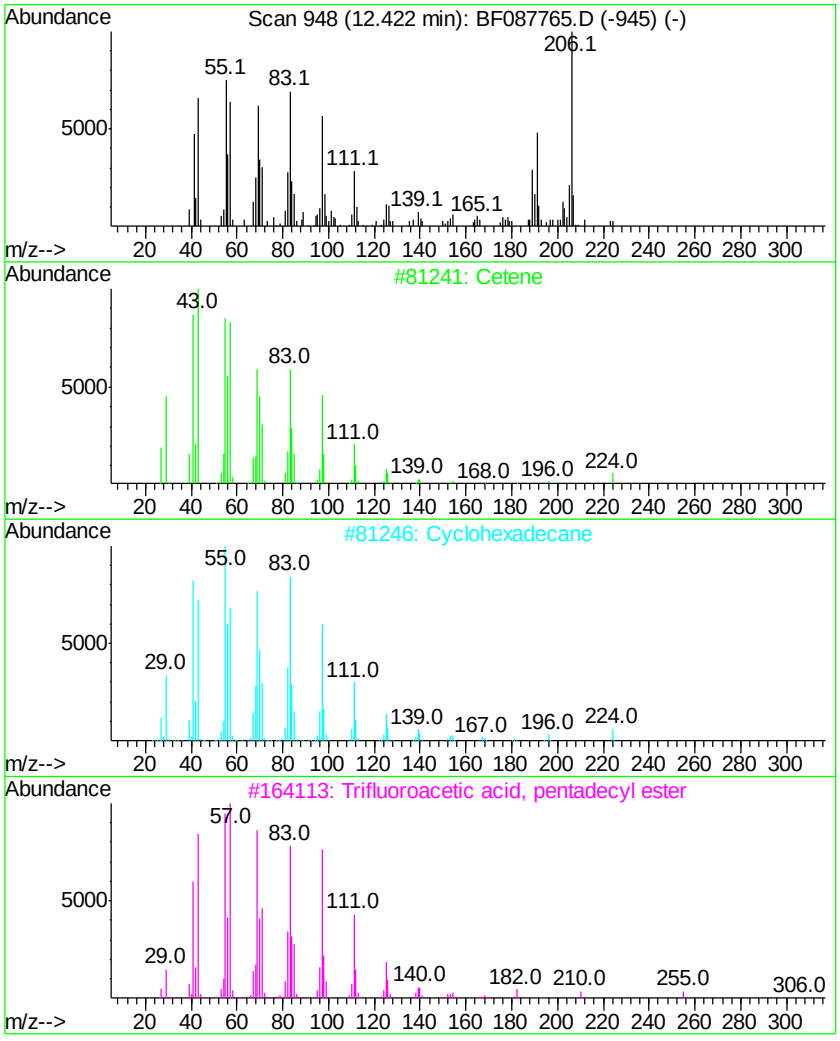
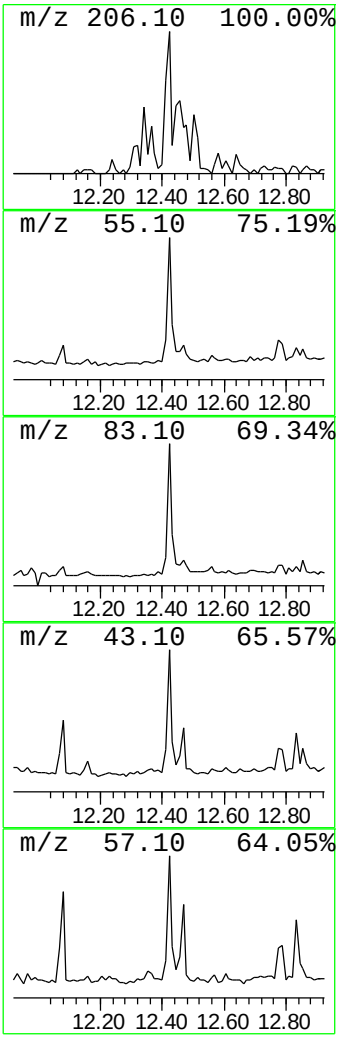
Peak Number 15 Cetene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.36 ng	199098	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	93
2	Cyclohexadecane	224	C16H32	000295-65-8	86
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	81
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	81
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70





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Operator : UM/SJ
Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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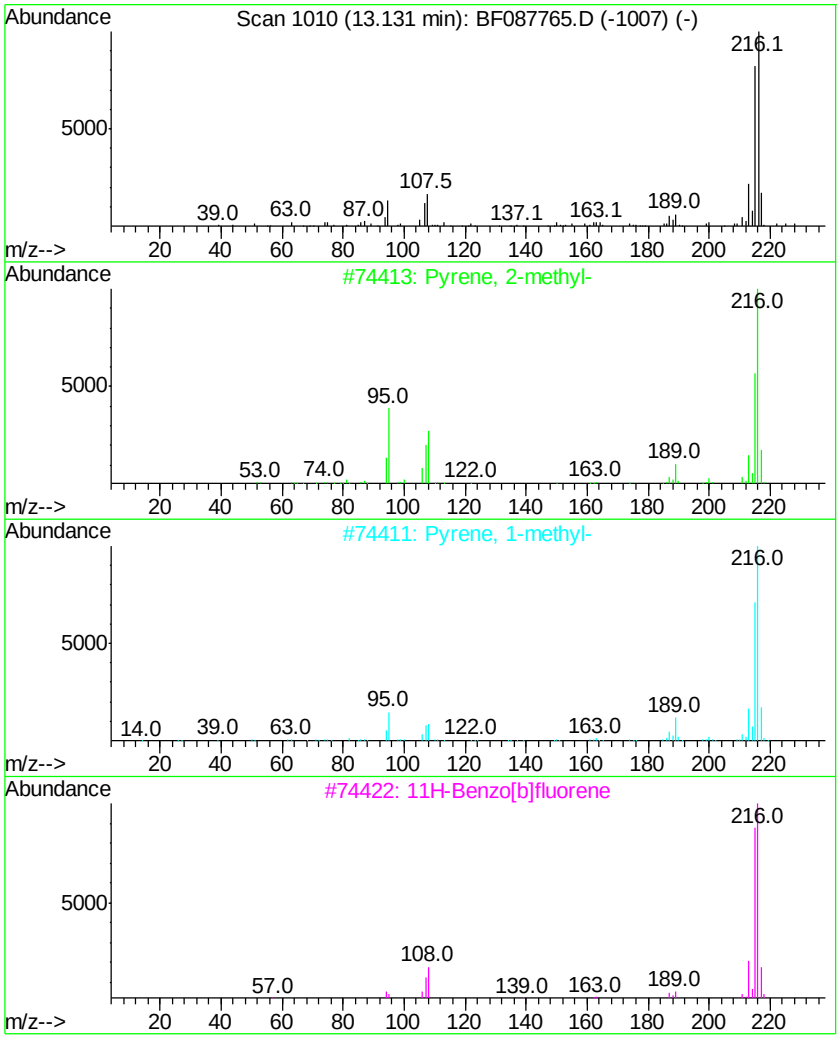
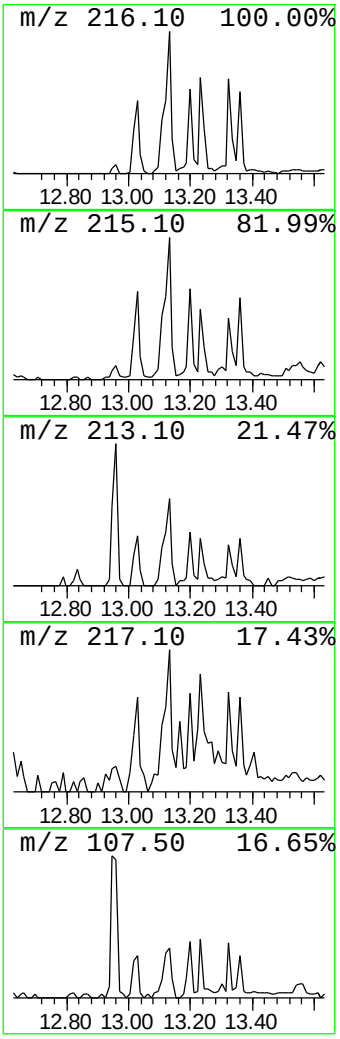
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.23 ng	147748	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

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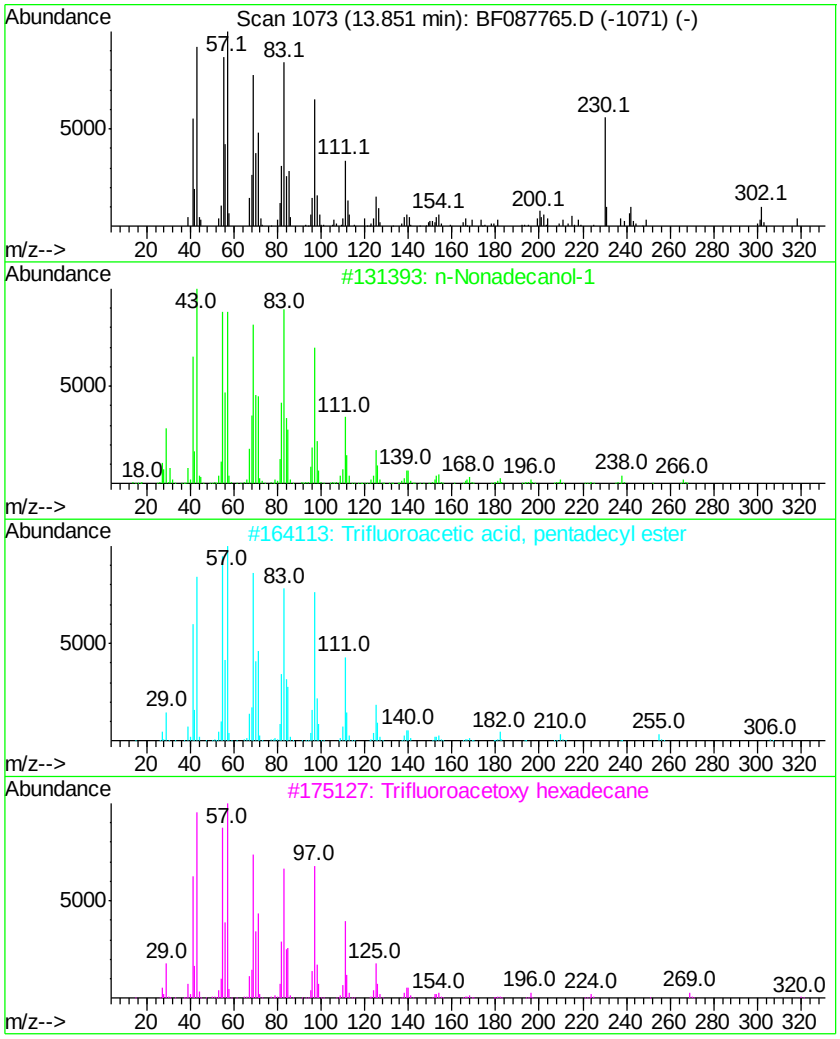
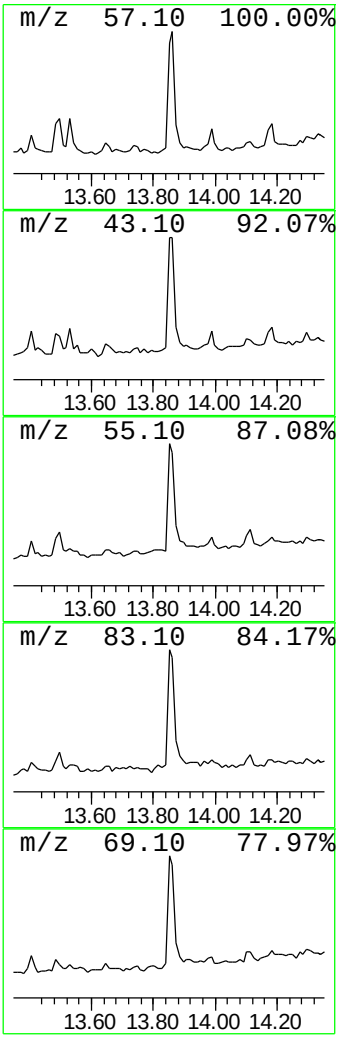
Peak Number 17 n-Nonadecanol-1 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.89 ng	191871	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





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Operator : UM/SJ
Sample : H3371-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-STA-1725(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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TIC Library : C:\Database\NIST11.L
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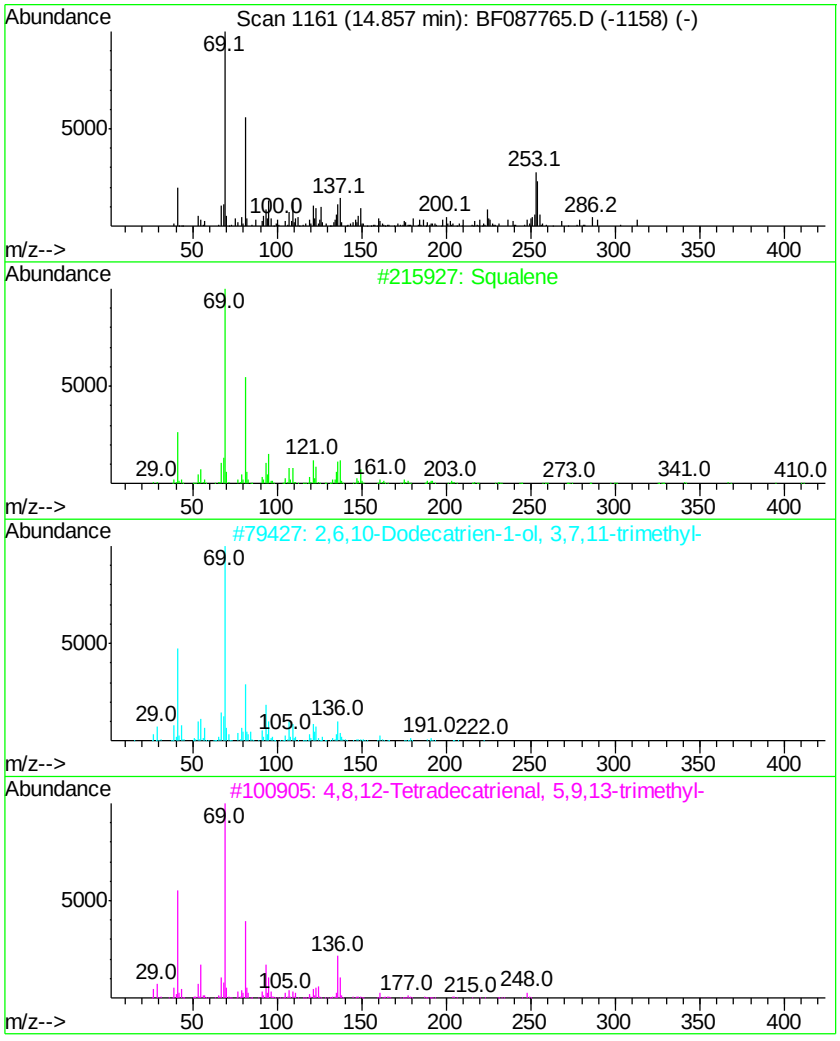
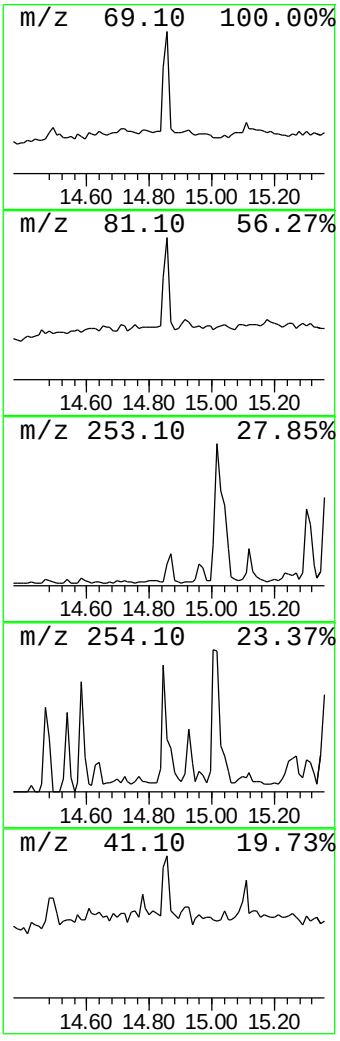
Peak Number 18 Squalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.49 ng	84263	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	50
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	50
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	45
4	Supraene	410	C30H50	007683-64-9	45
5	trans-Farnesol	222	C15H26O	000106-28-5	43





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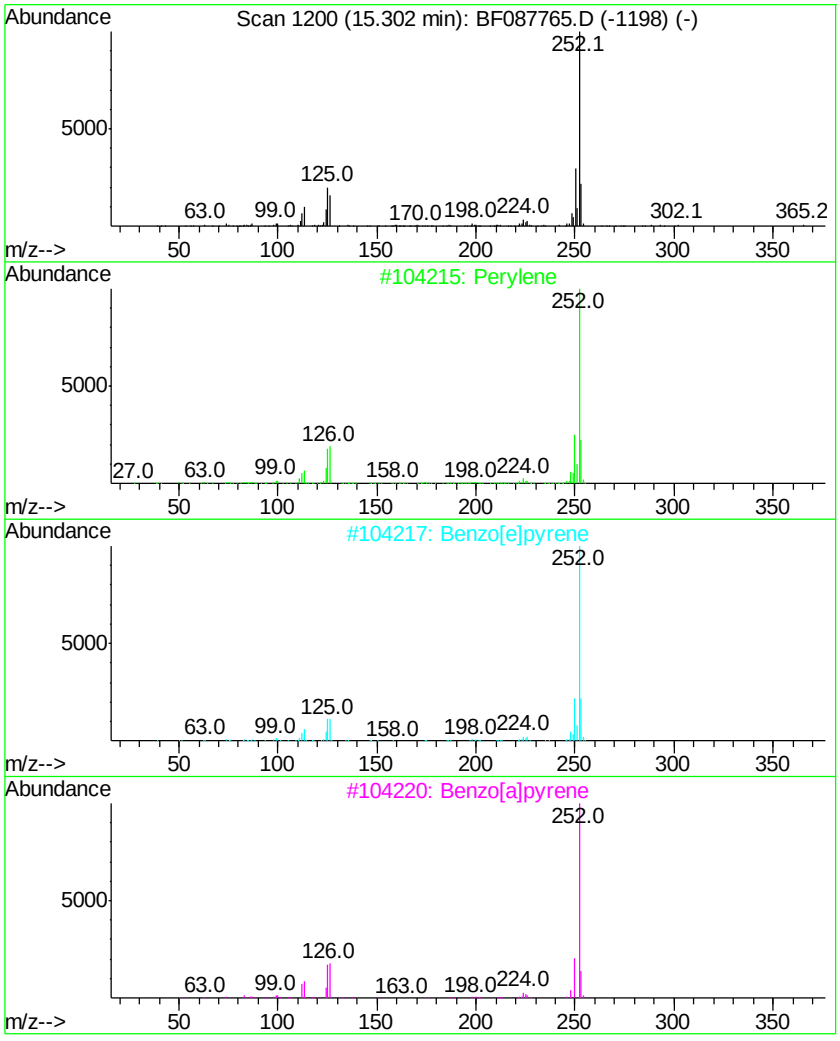
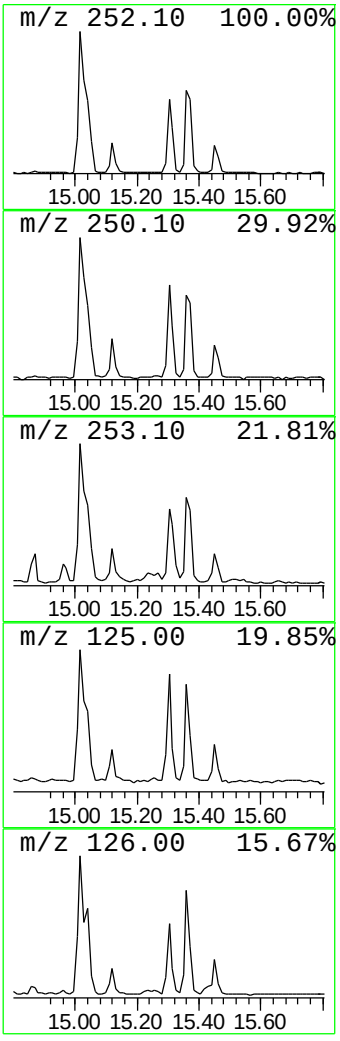
Peak Number 20 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.96 ng	191986	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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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...	1.71	239.6	ng	7360700	1	6.86	614483	20.0
Propane, 1,1-dime...	2.11	7.1	ng	217088	1	6.86	614483	20.0
2-Pentanone, 4-hy...	5.04	8.2	ng	250949	1	6.86	614483	20.0
trans-.beta.-Ocimene	6.12	7.7	ng	236664	1	6.86	614483	20.0
unknown6.62	6.62	76.2	ng	2341970	1	6.86	614483	20.0
Nonadecane, 9-met...	10.80	3.1	ng	117125	4	11.37	743324	20.0
Phenanthrene, 1-m...	11.90	2.7	ng	99198	4	11.37	743324	20.0
unknown11.98	11.98	4.1	ng	151379	4	11.37	743324	20.0
Naphthalene, 2-ph...	12.16	2.4	ng	89524	4	11.37	743324	20.0
Cetene	12.42	5.4	ng	199098	4	11.37	743324	20.0
Pyrene, 2-methyl-	13.13	2.2	ng	147748	5	14.00	1327370	20.0
n-Nonadecanol-1	13.85	2.9	ng	191871	5	14.00	1327370	20.0
Squalene	14.86	3.5	ng	84263	6	15.43	482629	20.0
Perylene	15.30	8.0	ng	191986	6	15.43	482629	20.0