LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090993.D
Acq On : 2 Nov 2016 21:24
Operator : UM/SJ
Sample : H5509-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

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-BF102616.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	4.876	242	244	254	rBV	710020	1188325	23.37%	2.068%
2	5.321	280	283	285	rBV	4337373	5085138	100.00%	8.848%
3	6.373	372	375	377	rBV	2868955	3466538	68.17%	6.032%
4	6.487	383	385	388	rBV	2970187	3788769	74.51%	6.592%
5	6.579	391	393	399	rBV	1261790	1375590	27.05%	2.394%
6	6.716	403	405	410	rBV	724653	877744	17.26%	1.527%
7	6.796	410	412	417	rVB	283753	301294	5.92%	0.524%
8	6.876	417	419	422	rBV	3107613	2948167	57.98%	5.130%
9	6.944	423	425	427	rVB	201712	159059	3.13%	0.277%
10	7.287	452	455	458	rBV	1710427	2205756	43.38%	3.838%
11	7.413	462	466	471	rVV	100488	216439	4.26%	0.377%
12	7.550	475	478	480	rVB	91109	130305	2.56%	0.227%
13	8.007	516	518	524	rBV	1373238	1251627	24.61%	2.178%
14	8.373	547	550	555	rBV6	20405	54522	1.07%	0.095%
15	9.093	610	613	615	rBV	4723917	4861778	95.61%	8.460%
16	9.162	617	619	622	rVV2	87003	119401	2.35%	0.208%
17	9.219	622	624	627	rBV2	323135	436091	8.58%	0.759%
18	9.425	640	642	643	rBV	56549	67303	1.32%	0.117%
19	9.493	644	648	650	rVV	1917778	2196571	43.20%	3.822%
20	9.527	650	651	655	rVB3	75937	88926	1.75%	0.155%
21	9.630	657	660	661	rBV2	81762	124608	2.45%	0.217%
22	9.676	661	664	665	rVB	208602	233328	4.59%	0.406%
23	9.710	665	667	668	rBV	114012	123524	2.43%	0.215%
24	9.756	668	671	674	rBV	1180700	1843327	36.25%	3.207%
25	9.802	674	675	677	rVB2	59562	63498	1.25%	0.110%
26	10.030	693	695	697	rVB2	97971	111676	2.20%	0.194%
27	10.076	697	699	700	rBV2	50457	72956	1.43%	0.127%
28	10.110	700	702	705	rVB4	83788	142206	2.80%	0.247%
29	10.168	705	707	709	rBV2	205760	322198	6.34%	0.561%
30	10.248	713	714	715	rVV	110809	108389	2.13%	0.189%
31	10.282	715	717	720	rVV3	90169	216945	4.27%	0.377%
32	10.350	722	723	726	rVV3	83808	110014	2.16%	0.191%
33	10.419	727	729	732	rVB3	60992	100229	1.97%	0.174%
34	10.465	732	733	735	rBV2	49798	70009	1.38%	0.122%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.556	738	741	742	rVV	2889764	3351601	65.91%	5.832%
36	10.579	742	743	745	rVV2	267807	267887	5.27%	0.466%
37	10.625	745	747	750	rVV3	346205	553382	10.88%	0.963%
38	10.682	750	752	755	rVV3	327913	693897	13.65%	1.207%
39	10.739	755	757	758	rVV	137968	207711	4.08%	0.361%
40	10.773	758	760	761	rVV	168727	219171	4.31%	0.381%
41	10.796	761	762	764	rVV2	101771	148027	2.91%	0.258%
42	10.865	766	768	769	rVV2	71899	143489	2.82%	0.250%
43	10.910	770	772	775	rVV4	218661	325892	6.41%	0.567%
44	10.979	775	778	781	rVV3	153692	296145	5.82%	0.515%
45	11.070	783	786	787	rVV2	150891	236924	4.66%	0.412%
46	11.093	787	788	795	rVB2	1360125	1651300	32.47%	2.873%
47	11.242	799	801	805	rVV	1581251	1426751	28.06%	2.483%
48	11.356	809	811	815	rBV3	62916	109178	2.15%	0.190%
49	11.482	819	822	824	rBV2	758993	877377	17.25%	1.527%
50	11.550	826	828	832	rVB3	100624	145378	2.86%	0.253%
51	11.631	833	835	837	rVB2	79546	94382	1.86%	0.164%
52	11.791	846	849	850	rBV2	125959	201063	3.95%	0.350%
53	11.813	850	851	855	rVV	538363	642162	12.63%	1.117%
54	11.928	860	861	862	rVV	115083	119667	2.35%	0.208%
55	11.996	865	867	868	rVV	85770	126551	2.49%	0.220%
56	12.031	868	870	873	rVB	238880	309636	6.09%	0.539%
57	12.191	880	884	886	rBV2	383039	435578	8.57%	0.758%
58	12.236	886	888	889	rBV	43440	53412	1.05%	0.093%
59	12.293	892	893	896	rVV	869285	914844	17.99%	1.592%
60	12.351	896	898	900	rVB2	336211	355812	7.00%	0.619%
61	12.499	909	911	913	rVB	260903	238673	4.69%	0.415%
62	12.613	919	921	923	rBV2	64035	100152	1.97%	0.174%
63	12.648	923	924	925	rVV	226131	196497	3.86%	0.342%
64	12.716	928	930	931	rBV	177284	154213	3.03%	0.268%
65	12.739	931	932	935	rVB2	161122	195014	3.83%	0.339%
66	12.796	935	937	938	rBV	145871	156616	3.08%	0.273%
67	12.831	938	940	943	rVB	3901842	3673584	72.24%	6.392%
68	12.968	949	952	954	rVB	894431	817895	16.08%	1.423%
69	13.071	960	961	963	rVB	70732	54922	1.08%	0.096%
70	13.128	963	966	968	rVB4	81015	144156	2.83%	0.251%
71	13.242	975	976	978	rBV2	66884	95141	1.87%	0.166%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.299	978	981	982	rVV2	176224	243897	4.80%	0.424%
73	13.334	982	984	987	rVB	71140	79989	1.57%	0.139%
74	13.414	987	991	992	rBV2	70860	114001	2.24%	0.198%
75	13.734	1016	1019	1025	rVB	203873	293872	5.78%	0.511%
76	13.871	1029	1031	1034	rBV	747008	1018584	20.03%	1.772%
77	14.362	1072	1074	1079	rBV3	63584	135204	2.66%	0.235%
78	14.579	1091	1093	1095	rVB	65919	61829	1.22%	0.108%
79	15.277	1151	1154	1156	rBV	624842	858232	16.88%	1.493%
80	15.905	1207	1209	1212	rBV3	31935	60040	1.18%	0.104%
81	16.294	1240	1243	1247	rVB	50017	89733	1.76%	0.156%
82	16.831	1286	1290	1303	rVB	101058	319188	6.28%	0.555%

Sum of corrected areas: 57470899

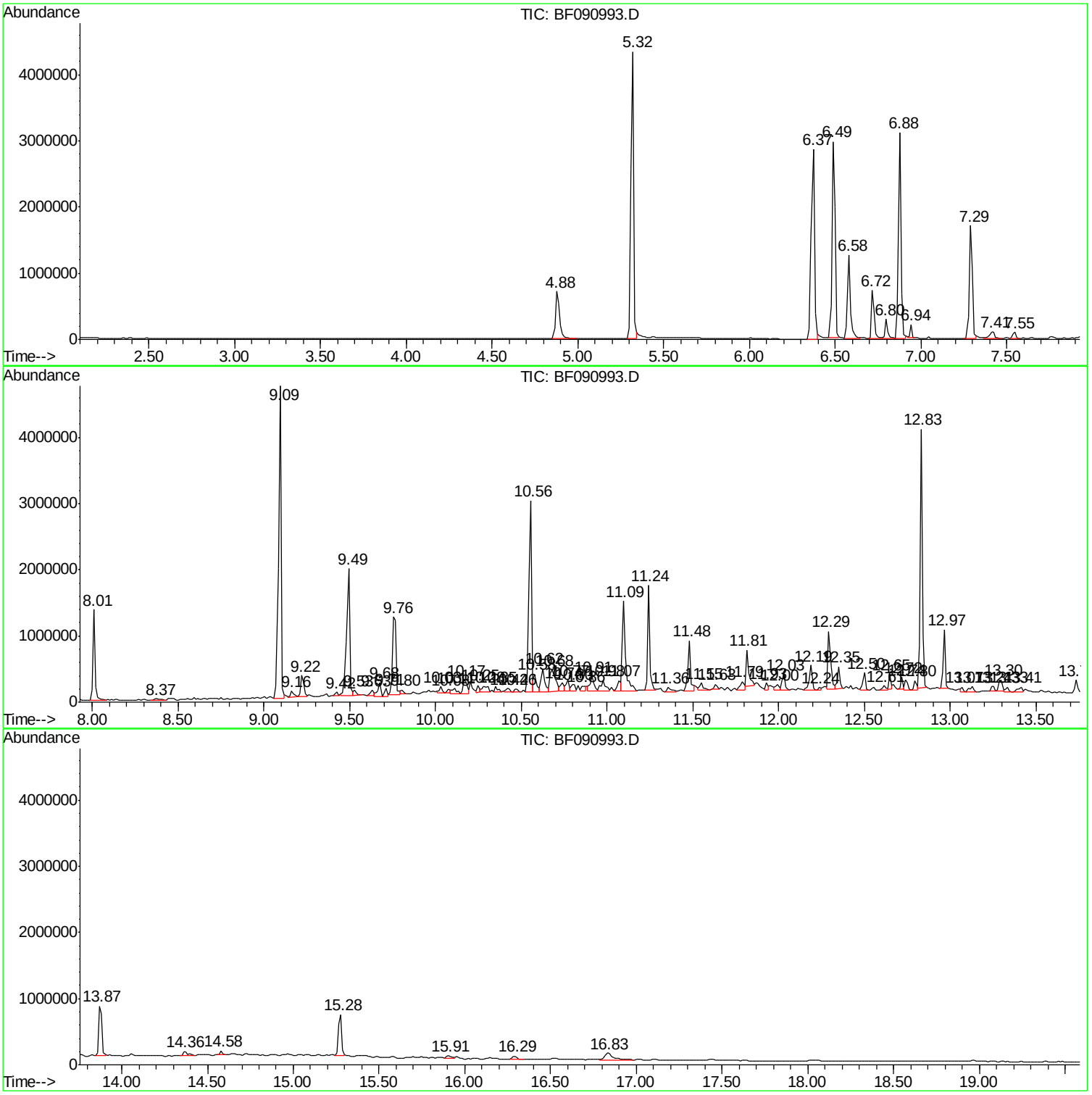
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090993.D
Acq On : 2 Nov 2016 21:24
Operator : UM/SJ
Sample : H5509-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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\BF110216\
Data File : BF090993.D
Acq On : 2 Nov 2016 21:24
Operator : UM/SJ
Sample : H5509-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

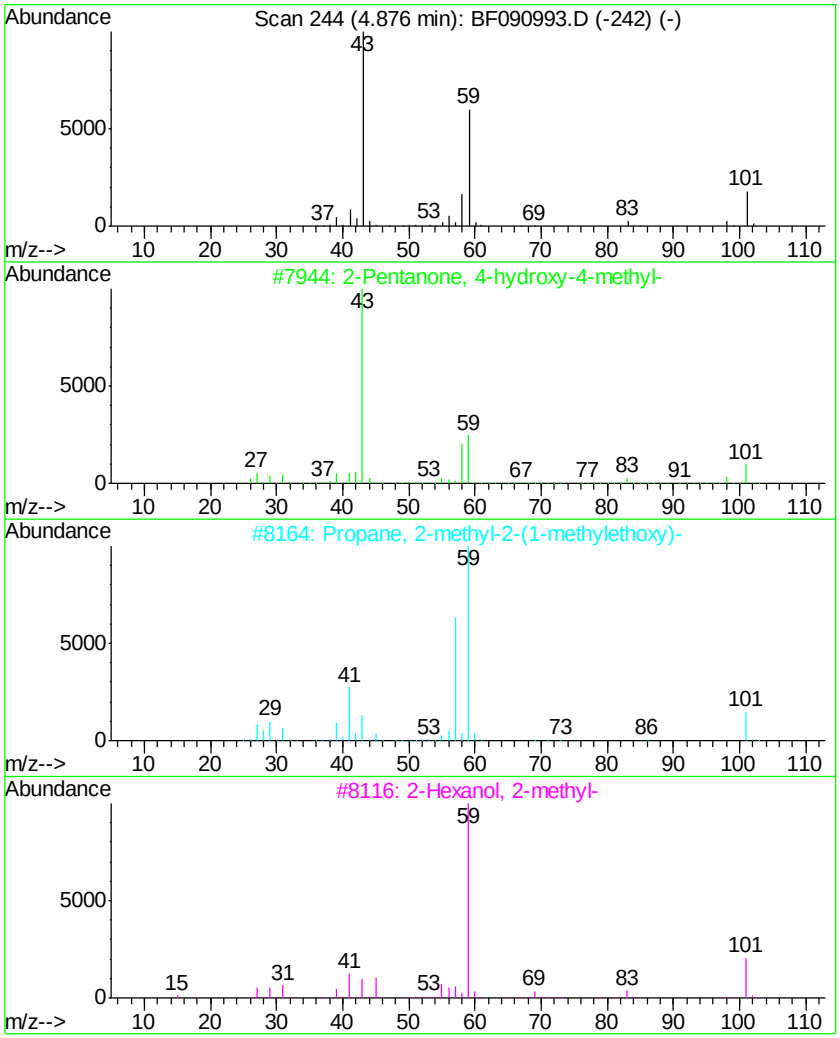
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

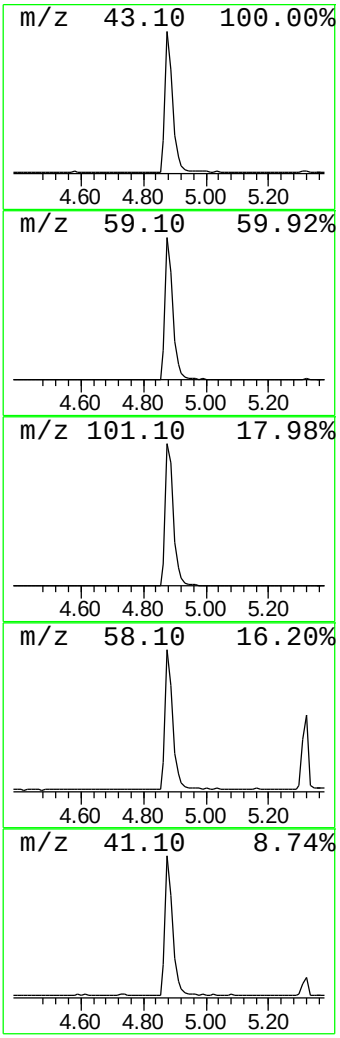
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	27.08 ng	1188330	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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Operator : UM/SJ
Sample : H5509-11
Misc :
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Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
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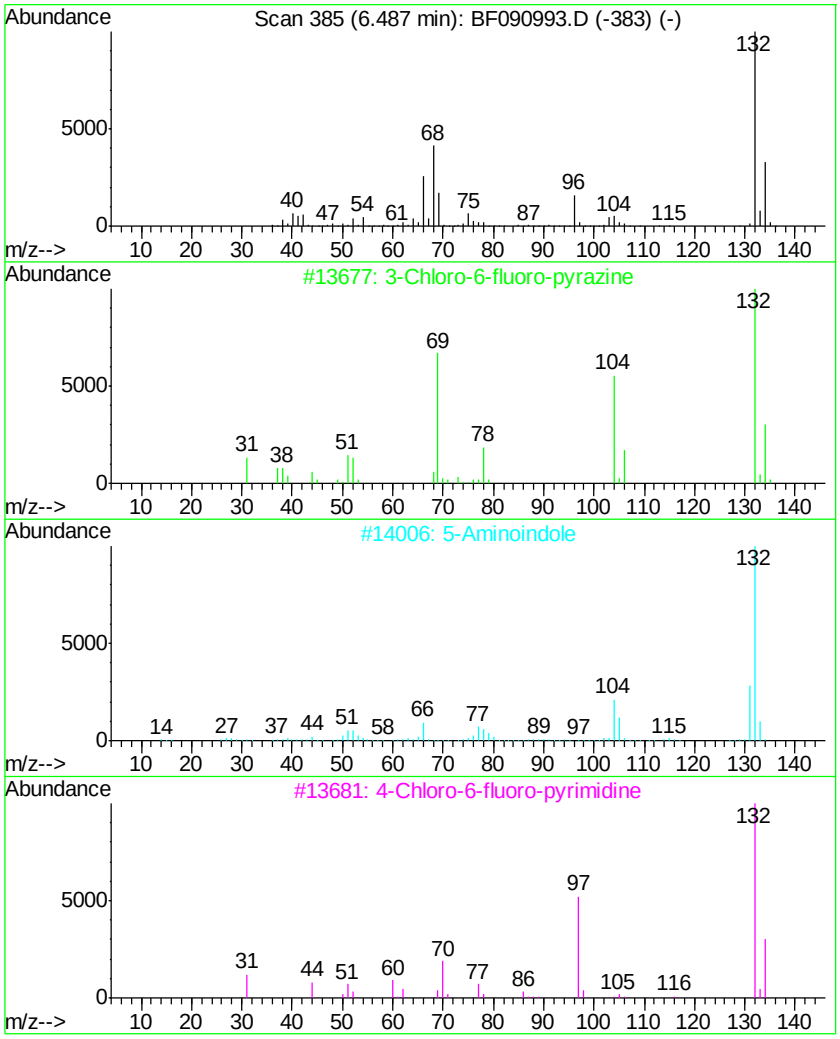
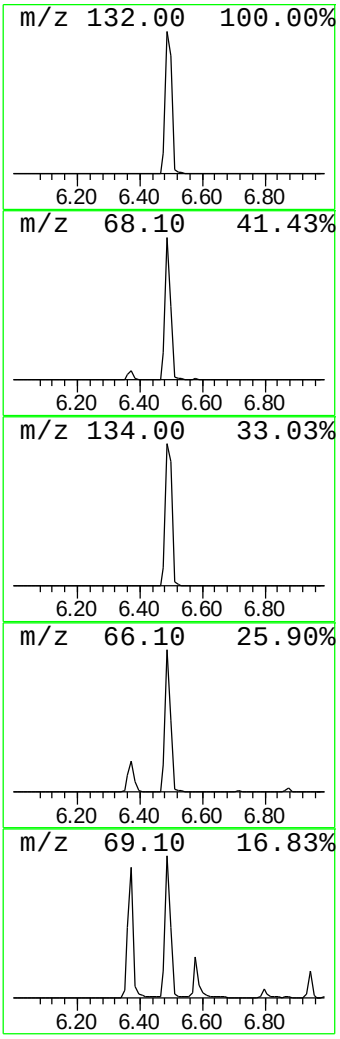
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	86.33 ng	3788770	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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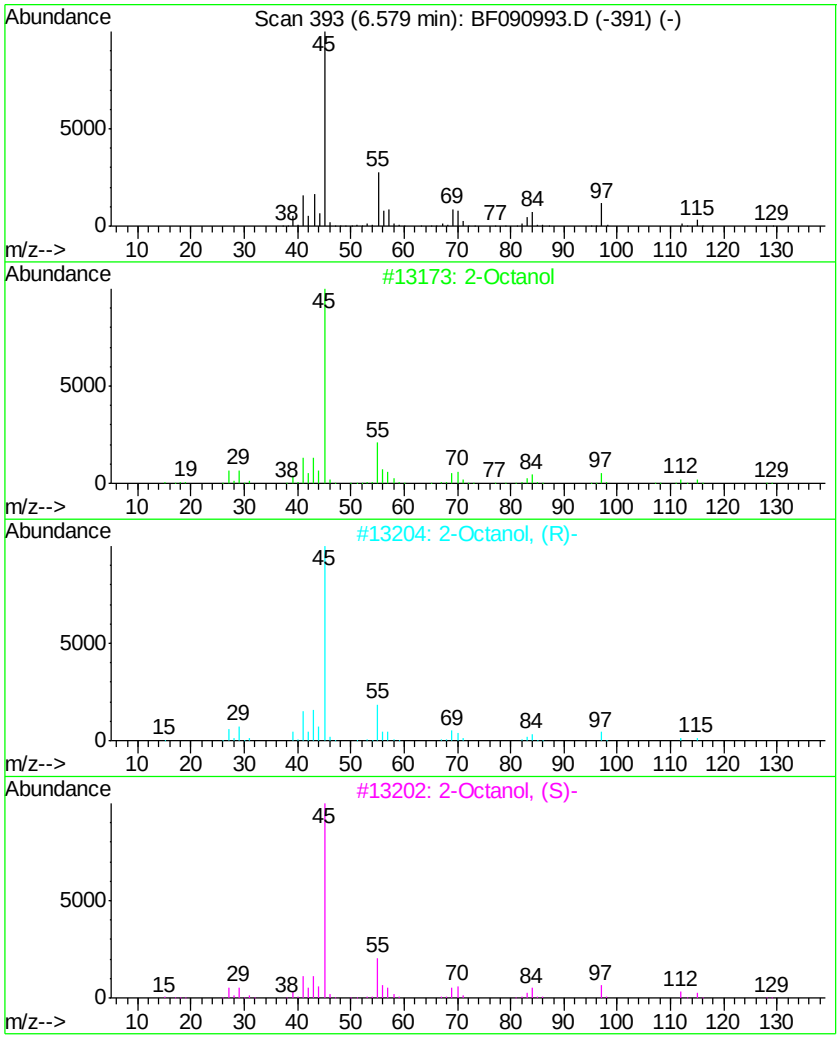
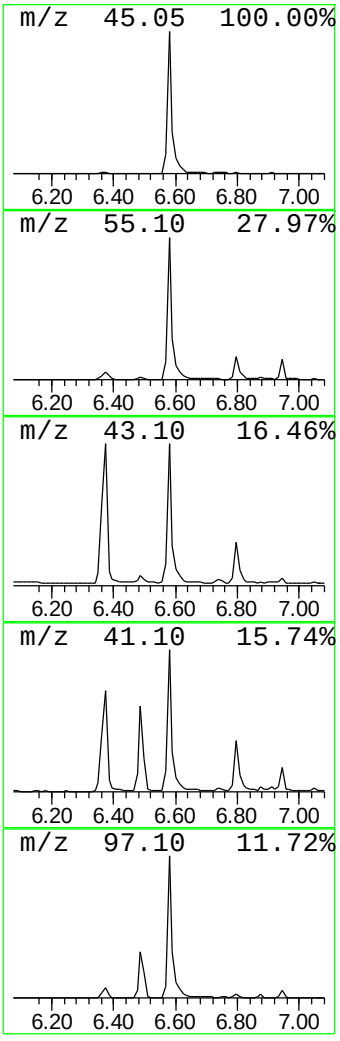
****

Peak Number 3 2-Octanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	31.34 ng	1375590	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol	130	C8H18O	000123-96-6	83
2	2-Octanol, (R)-	130	C8H18O	005978-70-1	83
3	2-Octanol, (S)-	130	C8H18O	006169-06-8	83
4	2-Nonanol	144	C9H20O	000628-99-9	72
5	2-Heptanol, 6-methyl-	130	C8H18O	004730-22-7	64





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TIC Library : C:\DATABASE\NIST02.L
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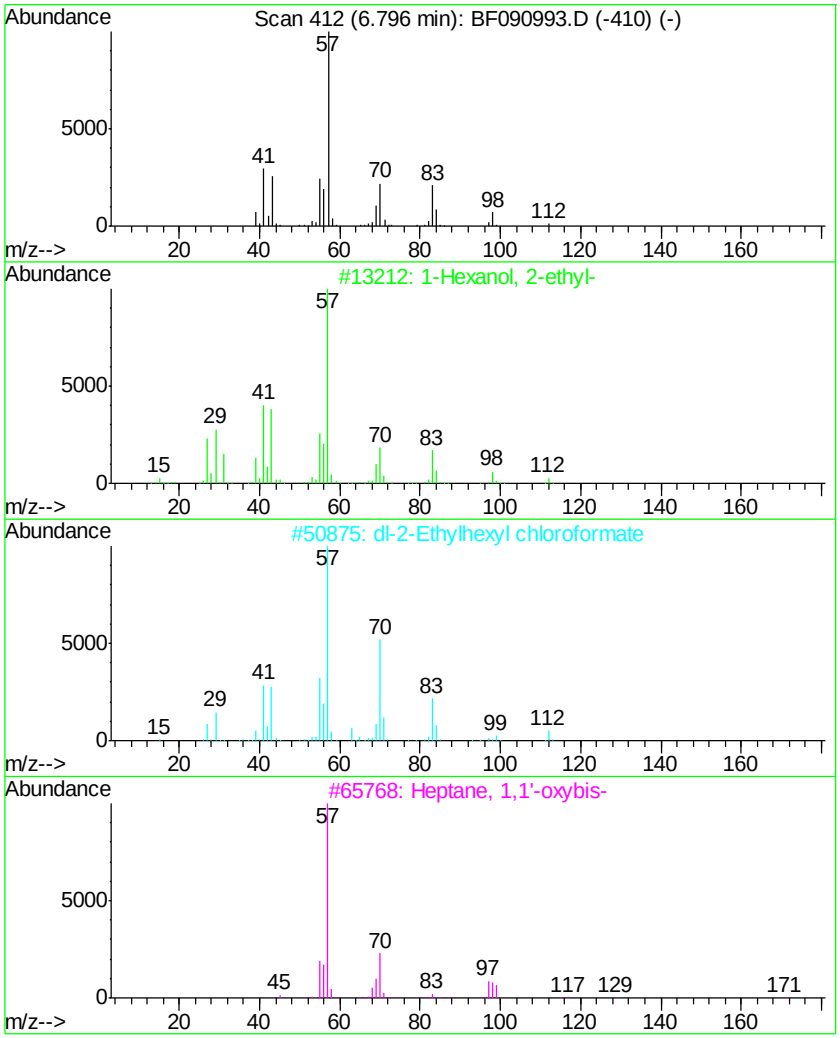
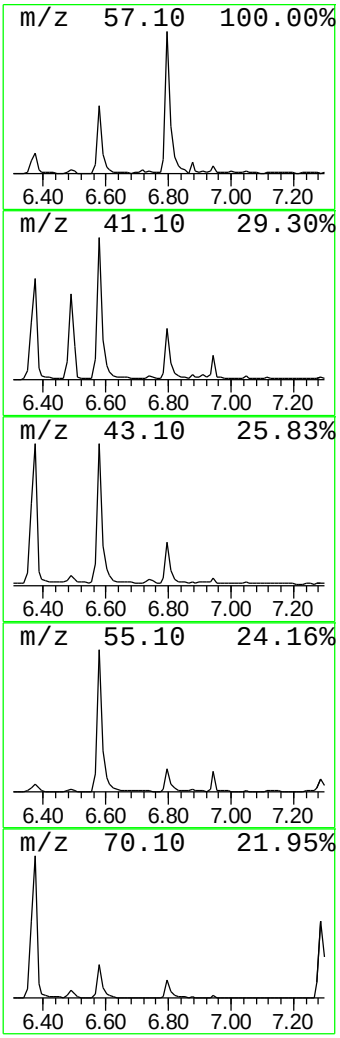
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	6.87 ng	301294	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	53
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	43
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	40





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

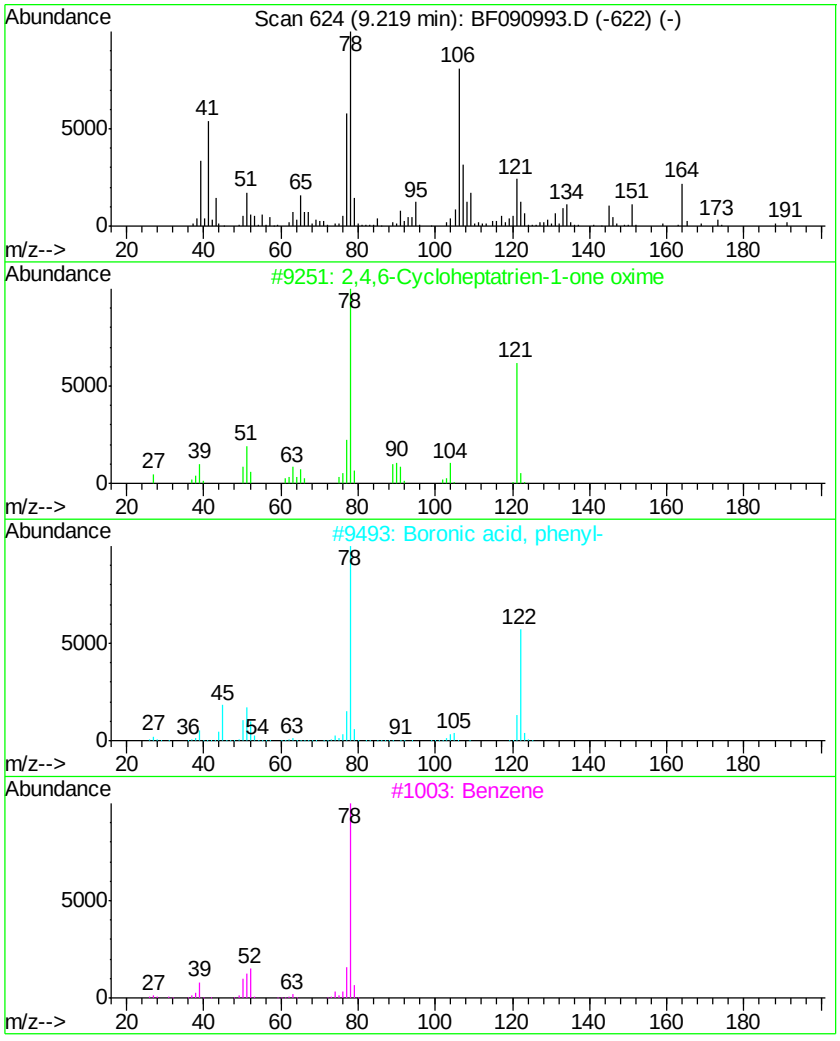
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

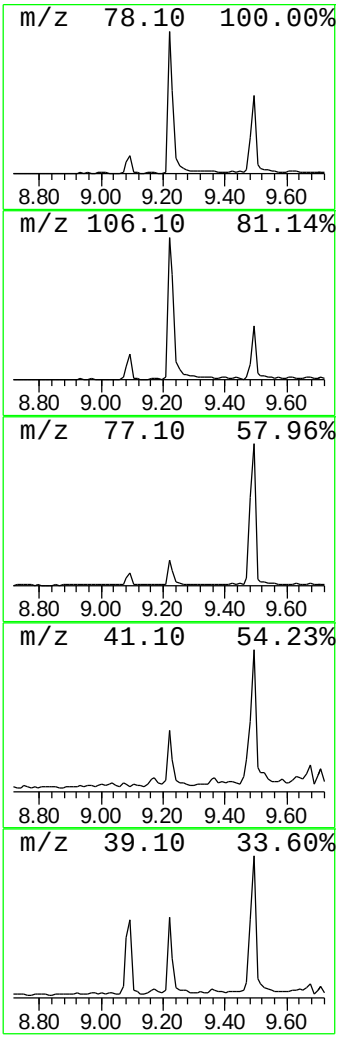
****

Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	4.73 ng	436091	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one oxime	121	C7H7NO	017529-61-2	50
2	Boronic acid, phenyl-	122	C6H7BO2	000098-80-6	47
3	Benzene	78	C6H6	000071-43-2	47
4	2,5-Heptadiyn-4-one	106	C7H6O	034793-66-3	45
5	4-Pyridinecarboxylic acid, [(4-n...	270	C13H10N4O3	004813-07-4	45





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Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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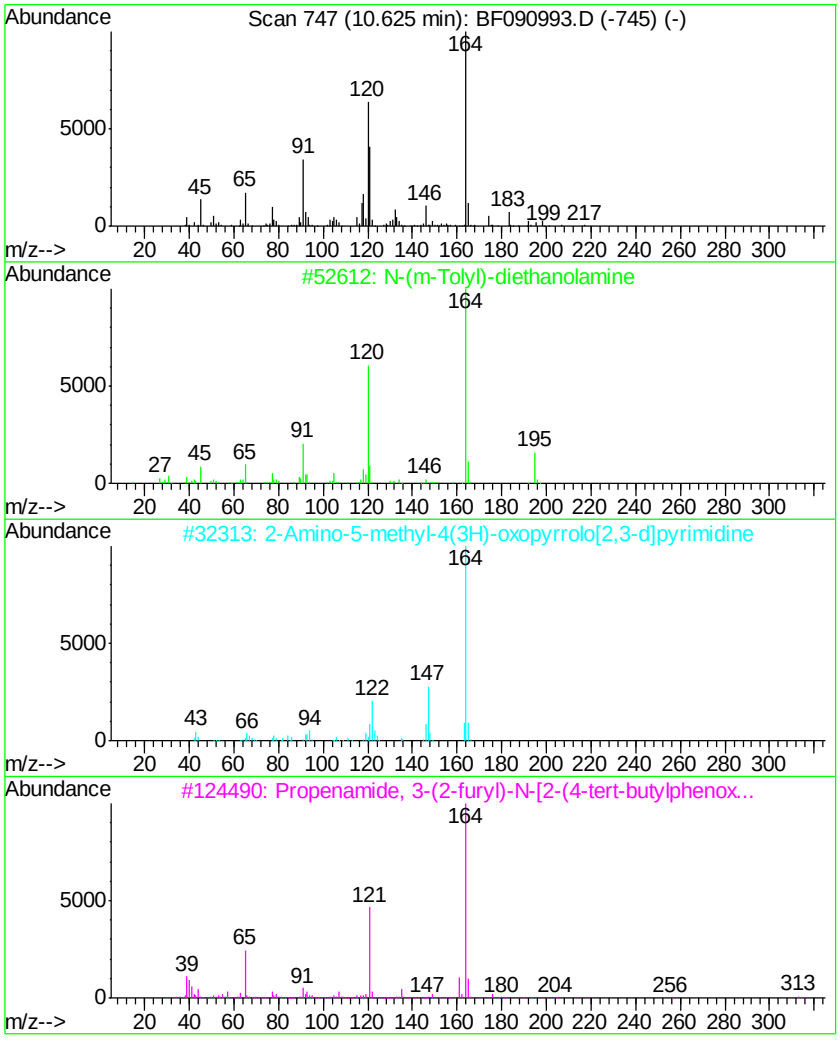
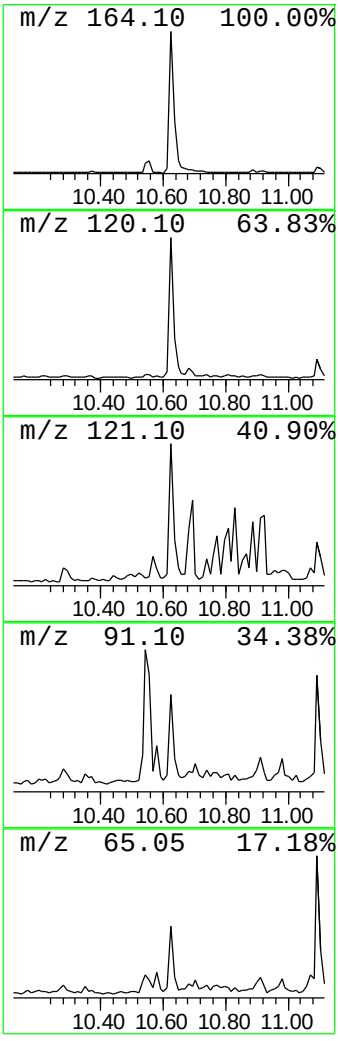
Peak Number 7 N-(m-Tolyl)-diethanolamine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.76 ng	553382	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(m-Tolyl)-diethanolamine	195	C11H17NO2	000091-99-6	50
2	2-Amino-5-methyl-4(3H)-oxopyrrol...	164	C7H8N4O	065062-57-9	43
3	Propenamide, 3-(2-furyl)-N-[2-(4...	313	C19H23NO3	1000272-44-6	43
4	3-Methoxyphenyl acetone	164	C10H12O2	003027-13-2	38
5	2,3,5,6-Tetramethyl-para-phenyle...	164	C10H16N2	003102-87-2	38





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Acq On : 2 Nov 2016 21:24
Operator : UM/SJ
Sample : H5509-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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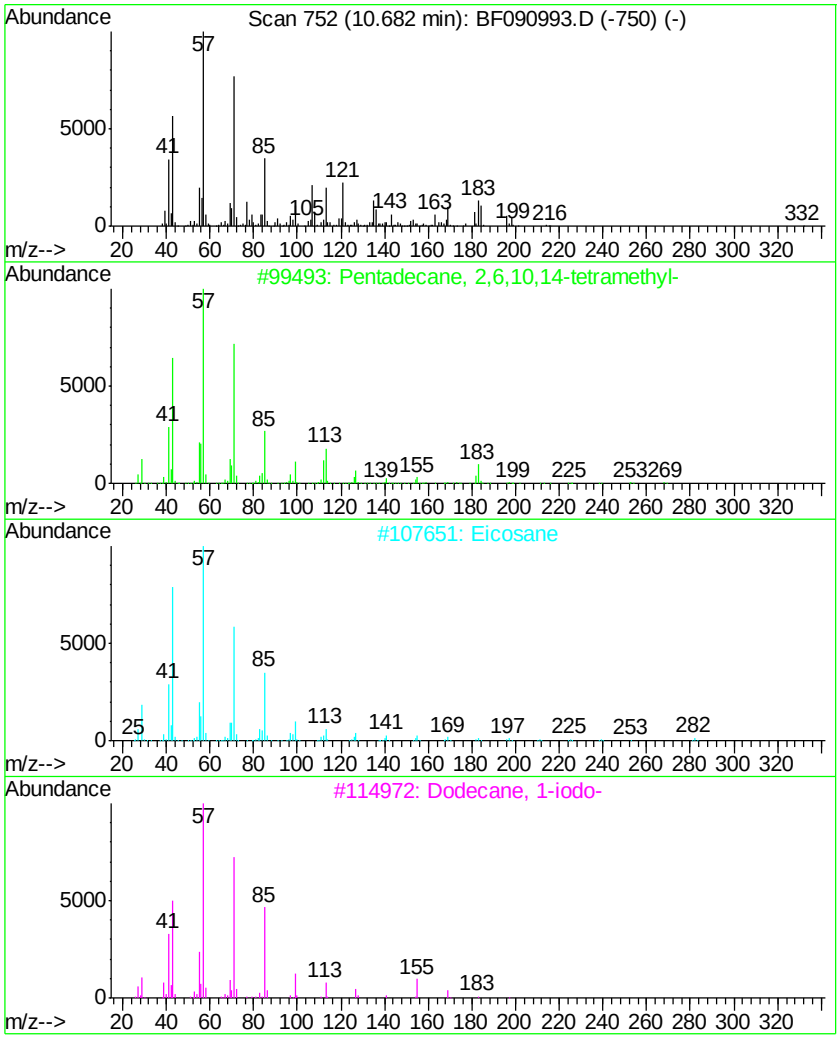
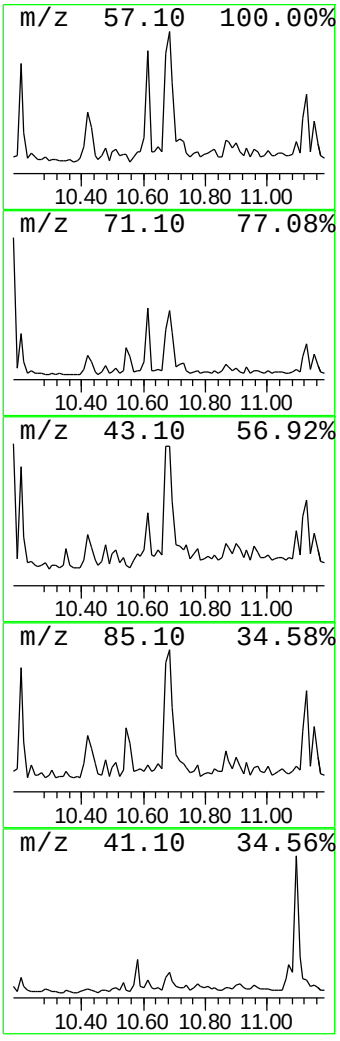
Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	9.73 ng	693897	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
2	Eicosane	282	C20H42	000112-95-8	46
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	46
4	Heptacosane	380	C27H56	000593-49-7	43
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	43





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Sample : H5509-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

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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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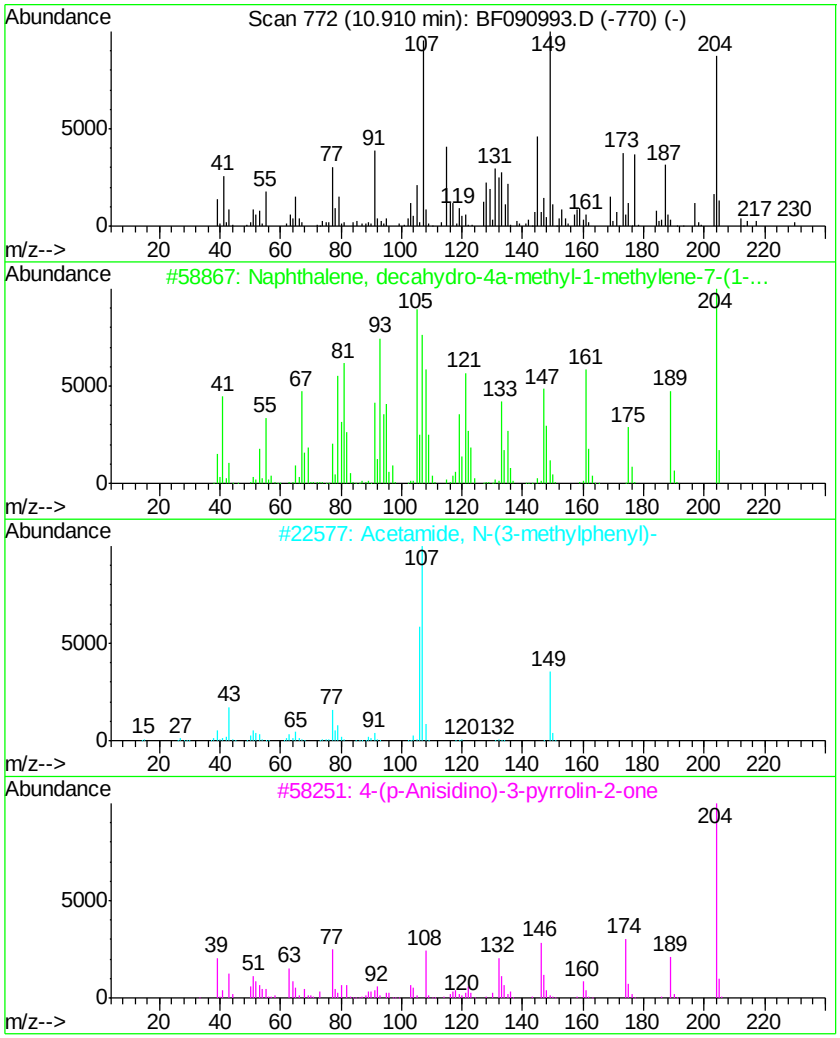
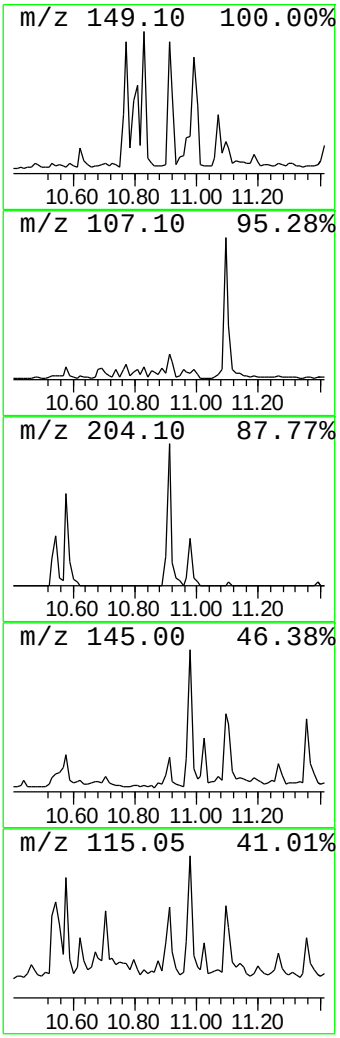
Peak Number 9 Naphthalene, decahydro-4a-m... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	4.57 ng	325892	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	83
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	42
3	4-(p-Anisidino)-3-pyrrolin-2-one	204	C11H12N2O2	1000260-86-2	25
4	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	20
5	(S)-(+)-3-Chloro-1-phenyl-1-prop...	170	C9H11ClO	100306-34-1	15





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ClientSampleId : SB-96-1.0-1.5

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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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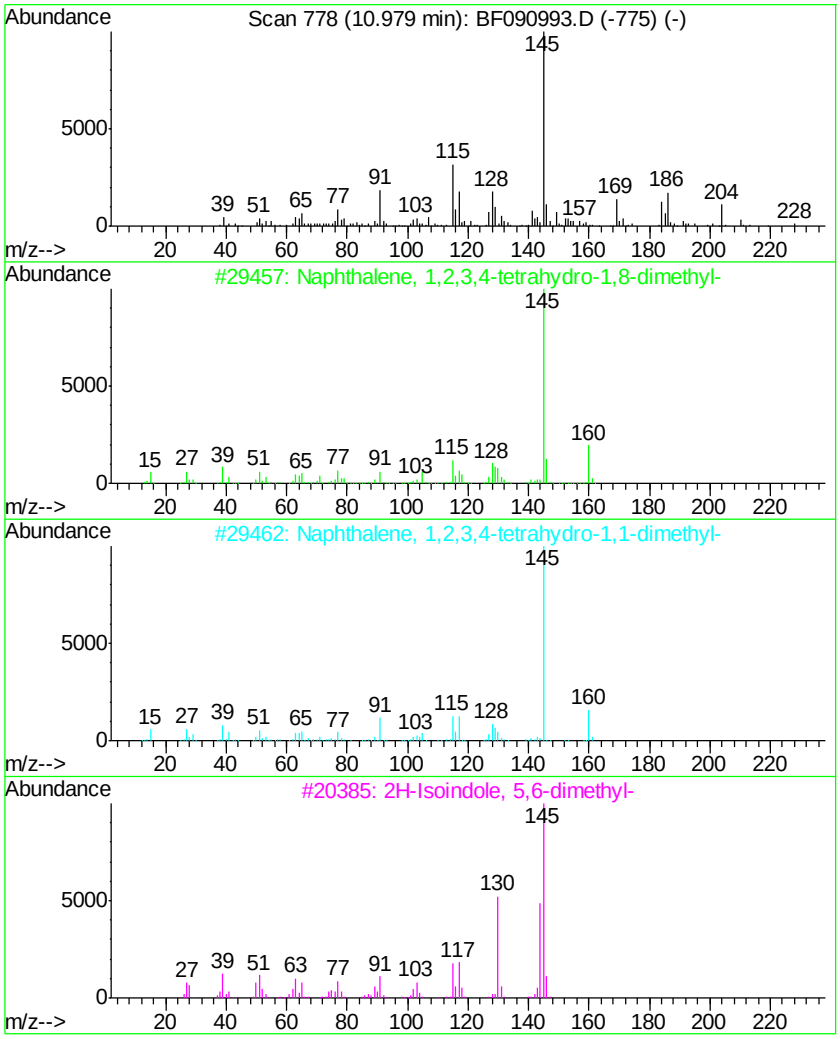
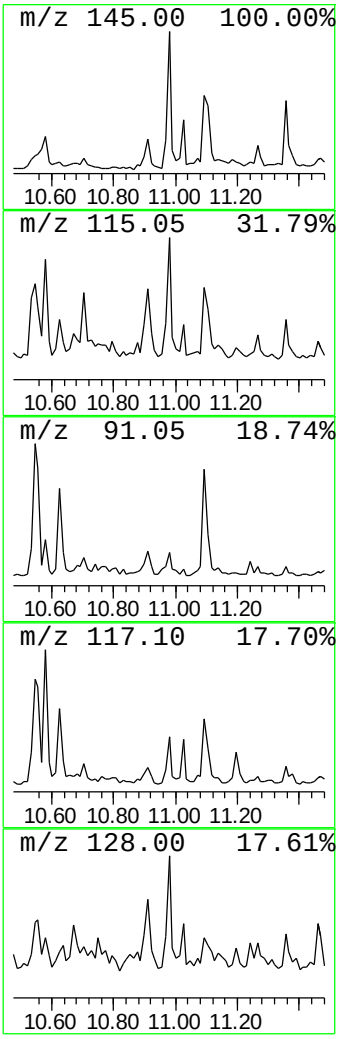
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	4.15 ng	296145	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	53
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	50
3	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	47
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	47
5	Cyclopropane, 1-chloro-1,2-dimet...	180	C11H13Cl	1000154-03-9	47





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ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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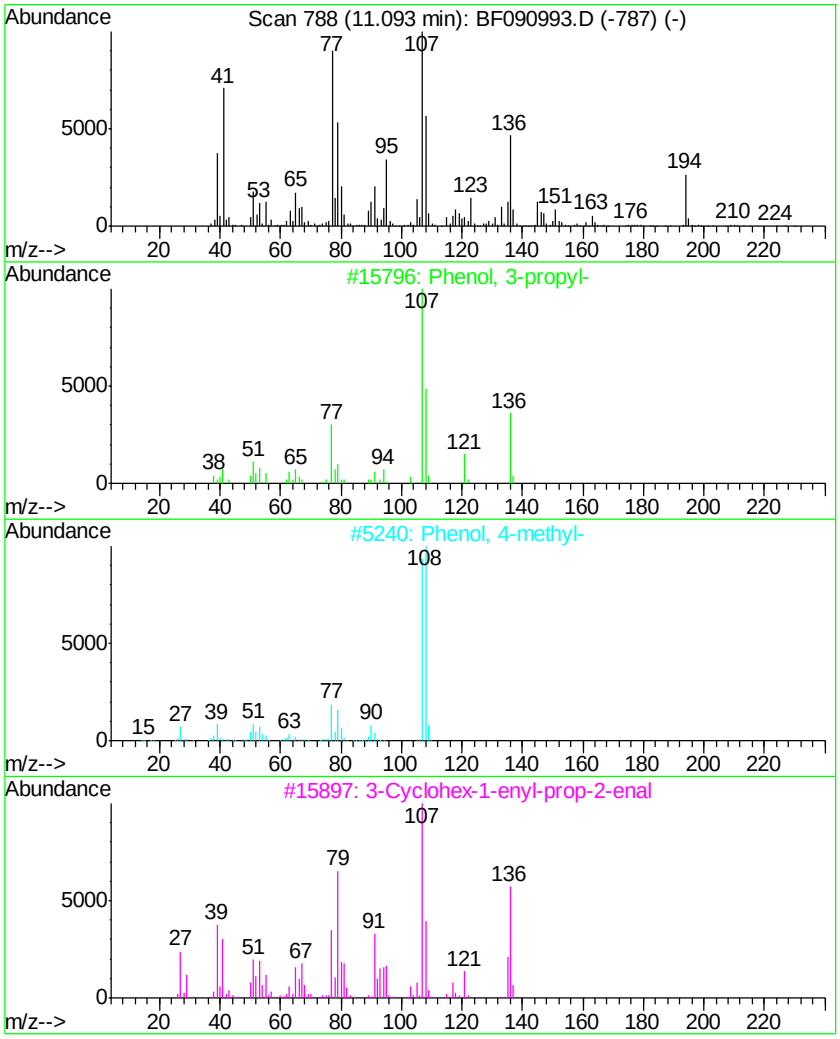
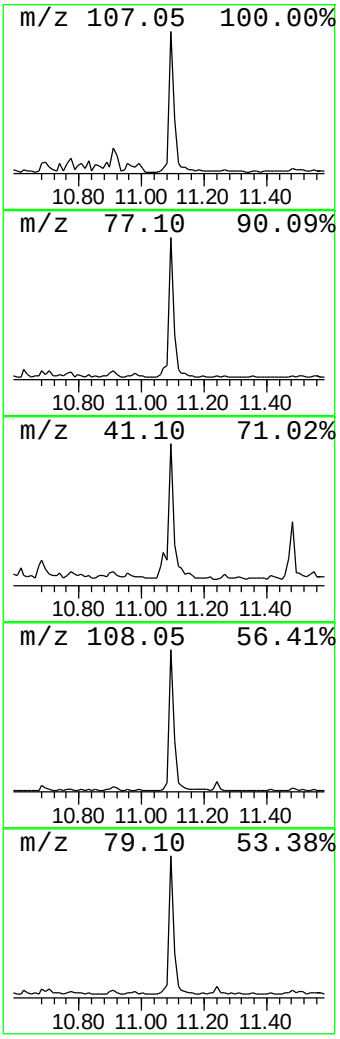
Peak Number 11 unknown11.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	23.15 ng	1651300	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	43
2	Phenol, 4-methyl-	108	C7H8O	000106-44-5	43
3	3-Cyclohex-1-enyl-prop-2-enal	136	C9H12O	1000193-70-2	43
4	1H-Inden-1-one, 2,3,4,5,6,7-hexa...	136	C9H12O	022118-00-9	30
5	E,Z-3-Ethylidenecyclohexene	108	C8H12	016631-62-2	30





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

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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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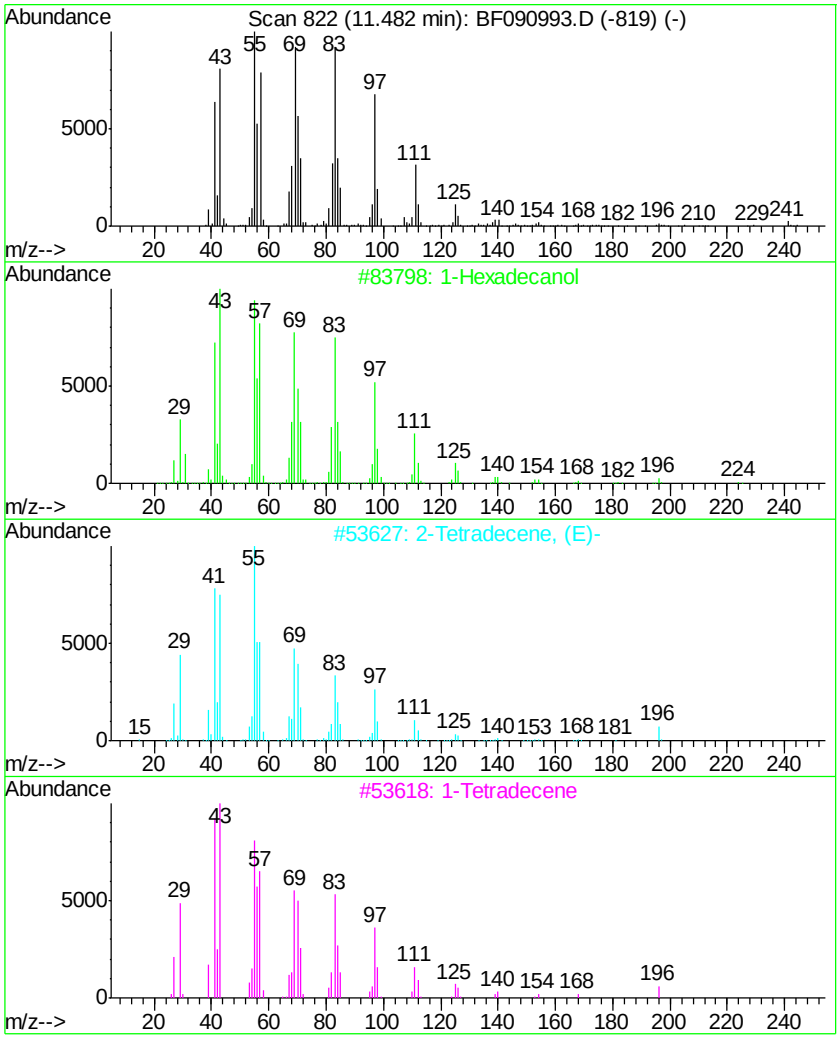
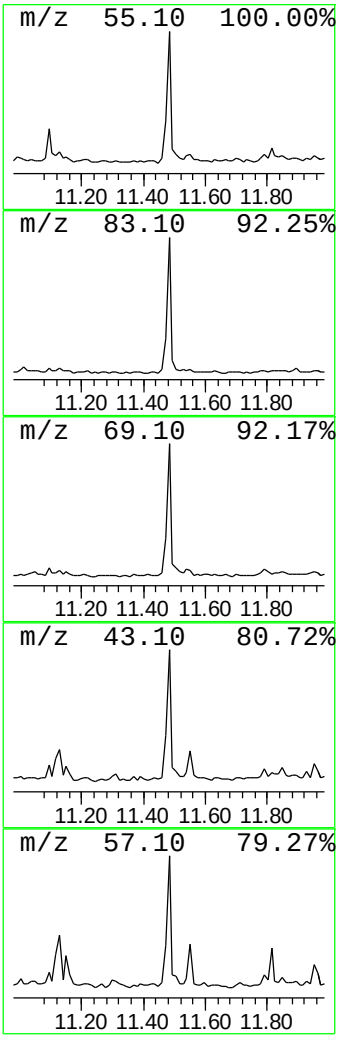
Peak Number 12 1-Hexadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	12.30 ng	877377	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	94
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	93
3	1-Tetradecene	196	C14H28	001120-36-1	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	91





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Sample : H5509-11
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Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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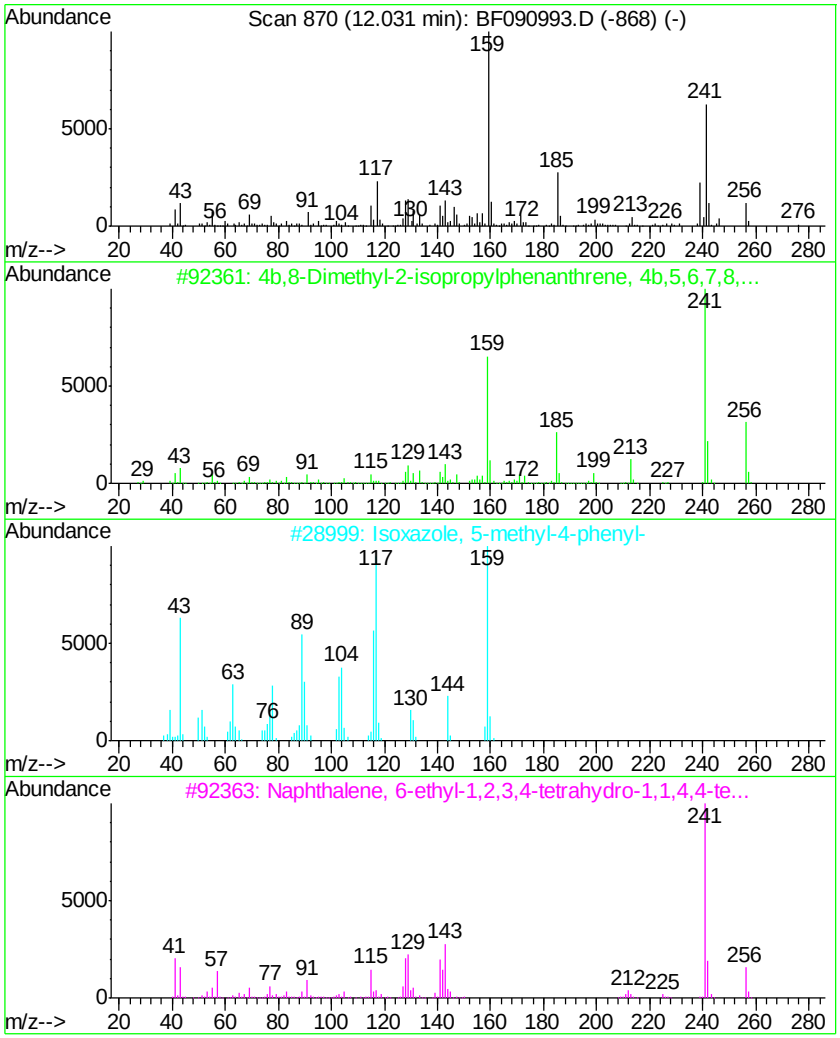
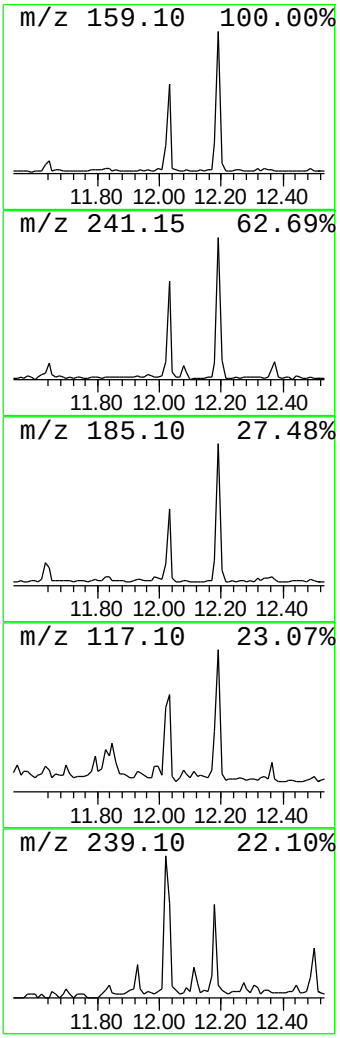
Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.34 ng	309636	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	56
2	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	38
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	30
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	27





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Sample : H5509-11
Misc :
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Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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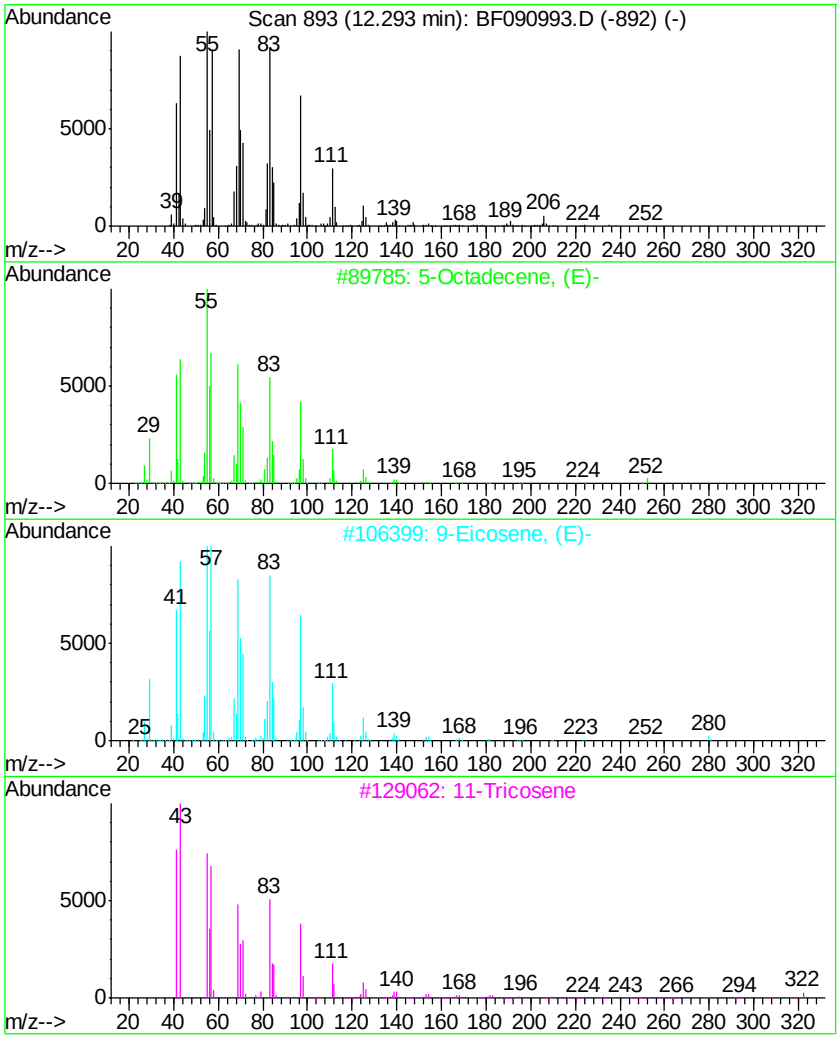
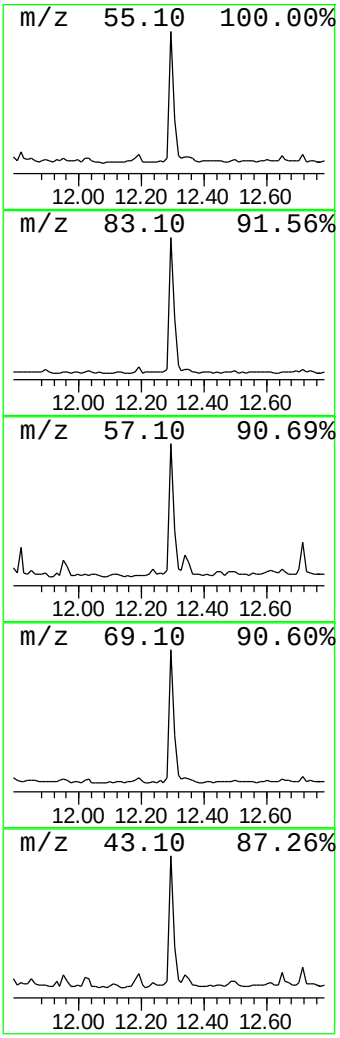
Peak Number 15 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	12.82 ng	914844	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	96
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
3	11-Tricosene	322	C23H46	052078-56-5	91
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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Instrument : BNA_F
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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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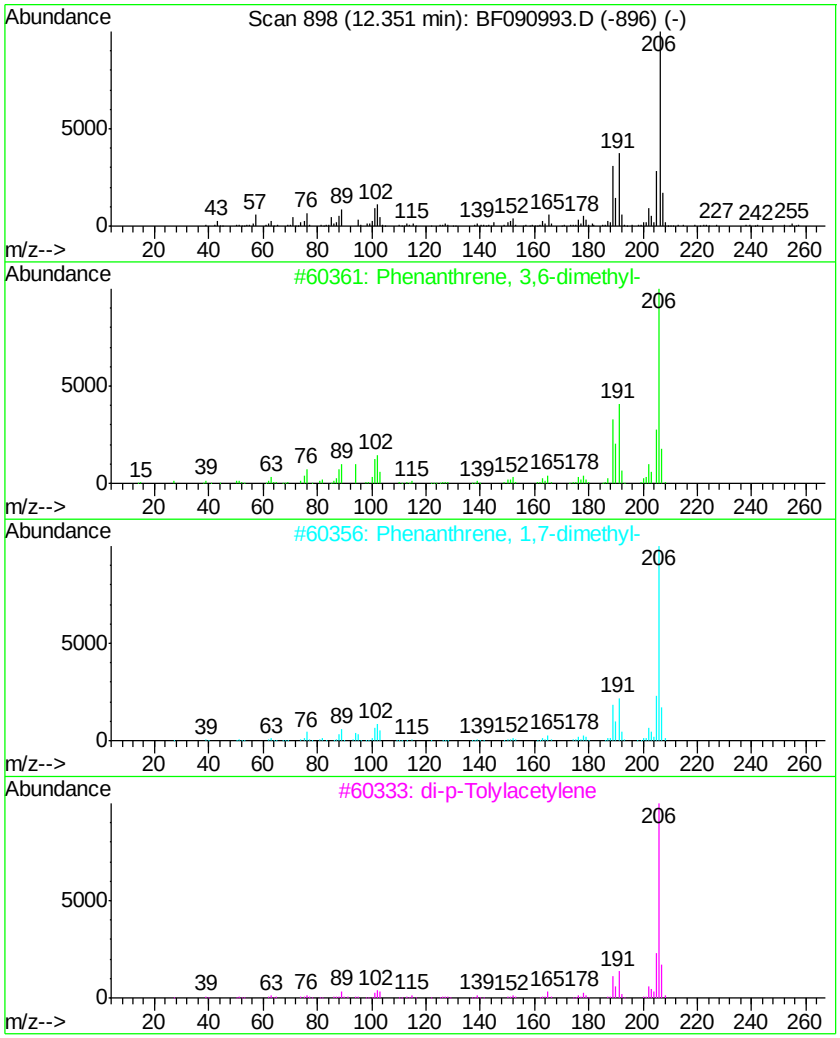
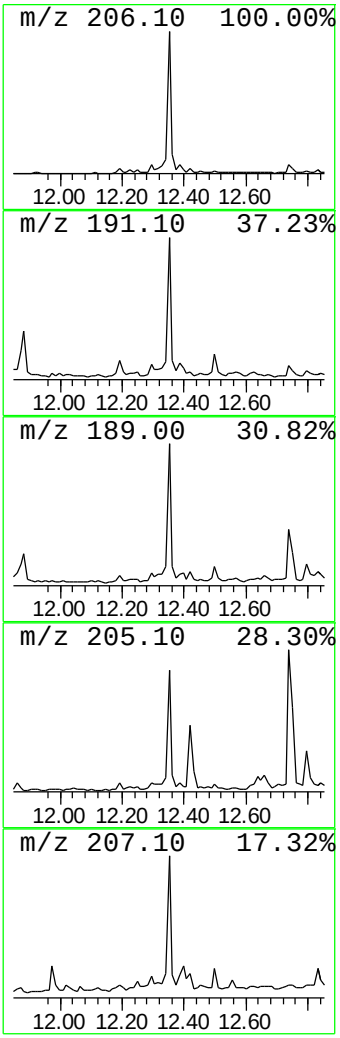
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.99 ng	355812	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	99
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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ClientSampleId : SB-96-1.0-1.5

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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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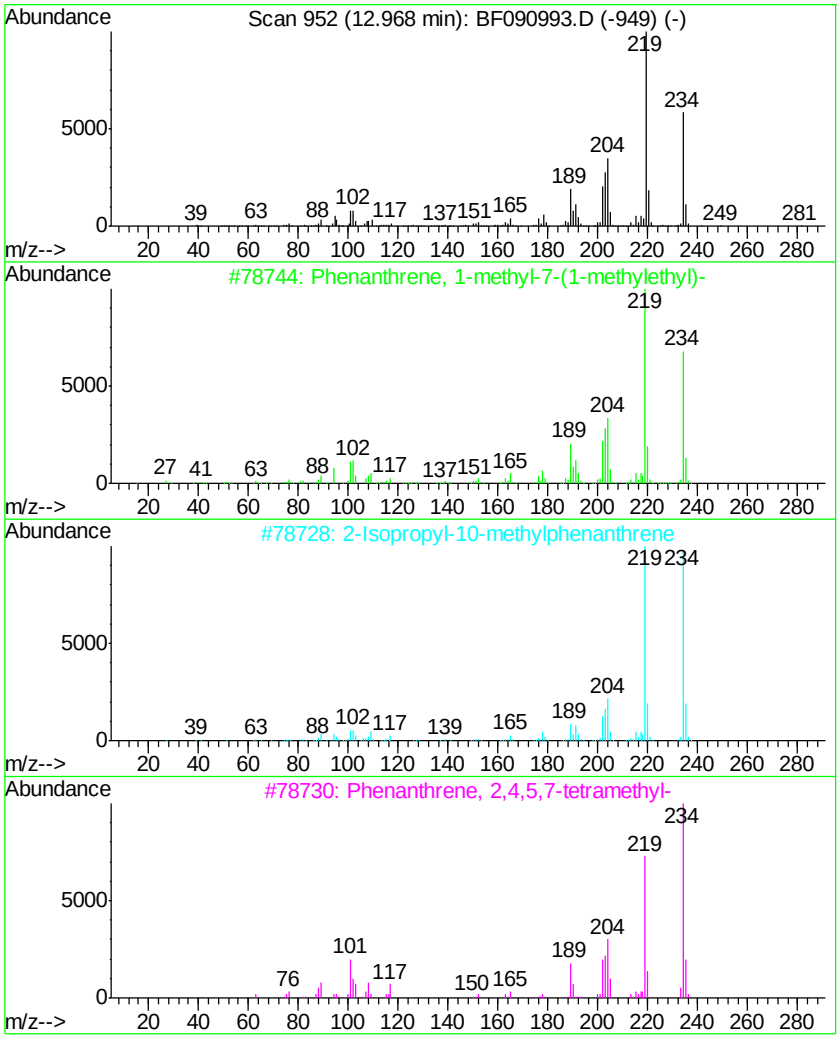
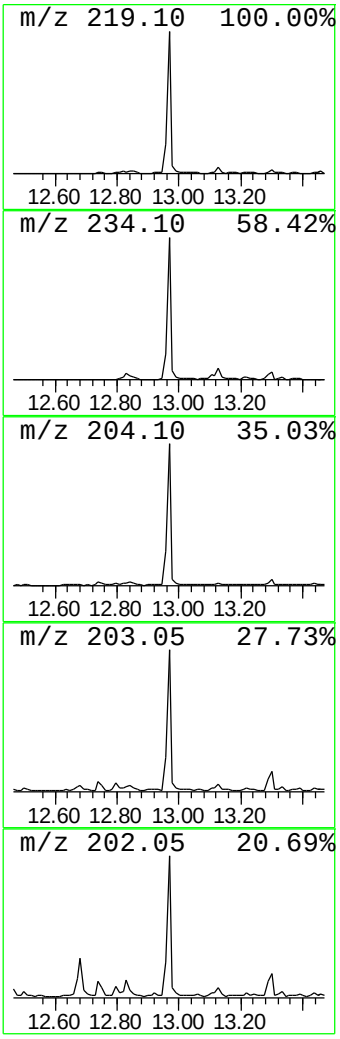
Peak Number 17 Phenanthrene, 1-methyl-7-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	16.06 ng	817895	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
4	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50





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ClientSampleId : SB-96-1.0-1.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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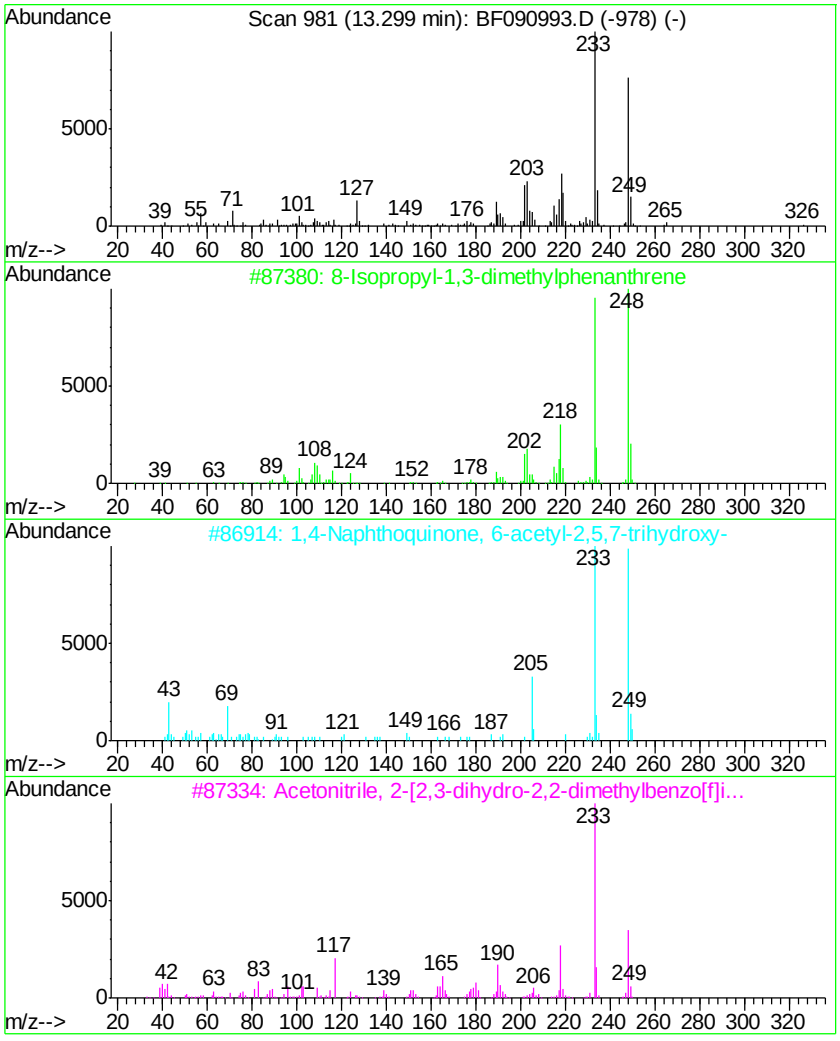
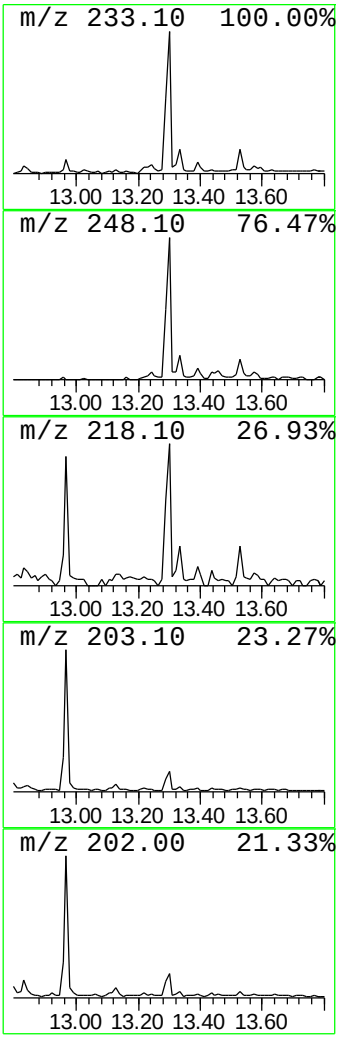
Peak Number 18 8-Isopropyl-1,3-dimethylphe... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	4.79 ng	243897	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	99
2	1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013378-89-7	45
3	Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	37
4	1,1'-Biphenyl, 2-fluoro-2'-hydro...	248	C14H13FO3	095881-16-6	35
5	Ethyl 4-methyl-2-pyridin-3-yl-1,...	248	C12H12N2O2S	039091-00-4	35





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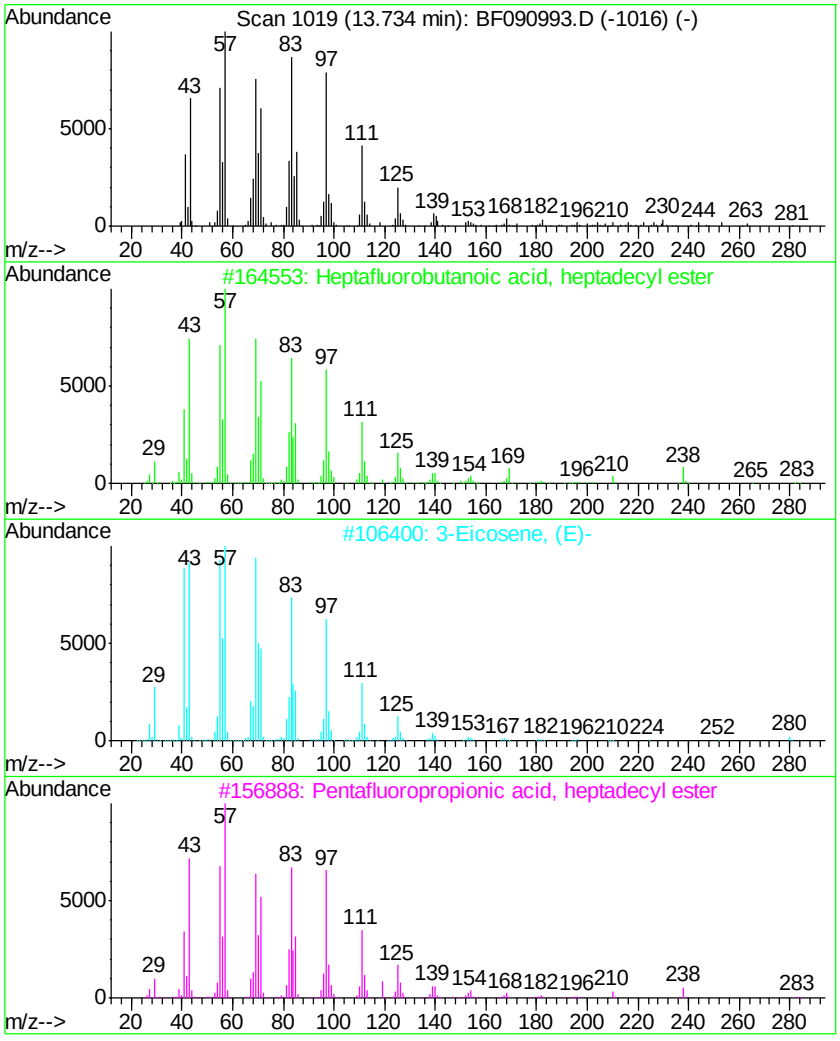
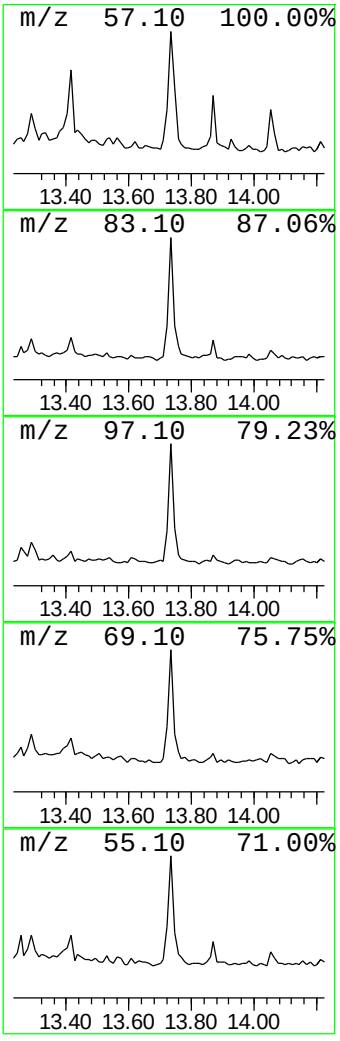
Peak Number 19 Heptafluorobutanoic acid, h... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.77 ng	293872	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	80
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	72
5	1-Nonadecene	266	C19H38	018435-45-5	70





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090993.D
Acq On : 2 Nov 2016 21:24
Operator : UM/SJ
Sample : H5509-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

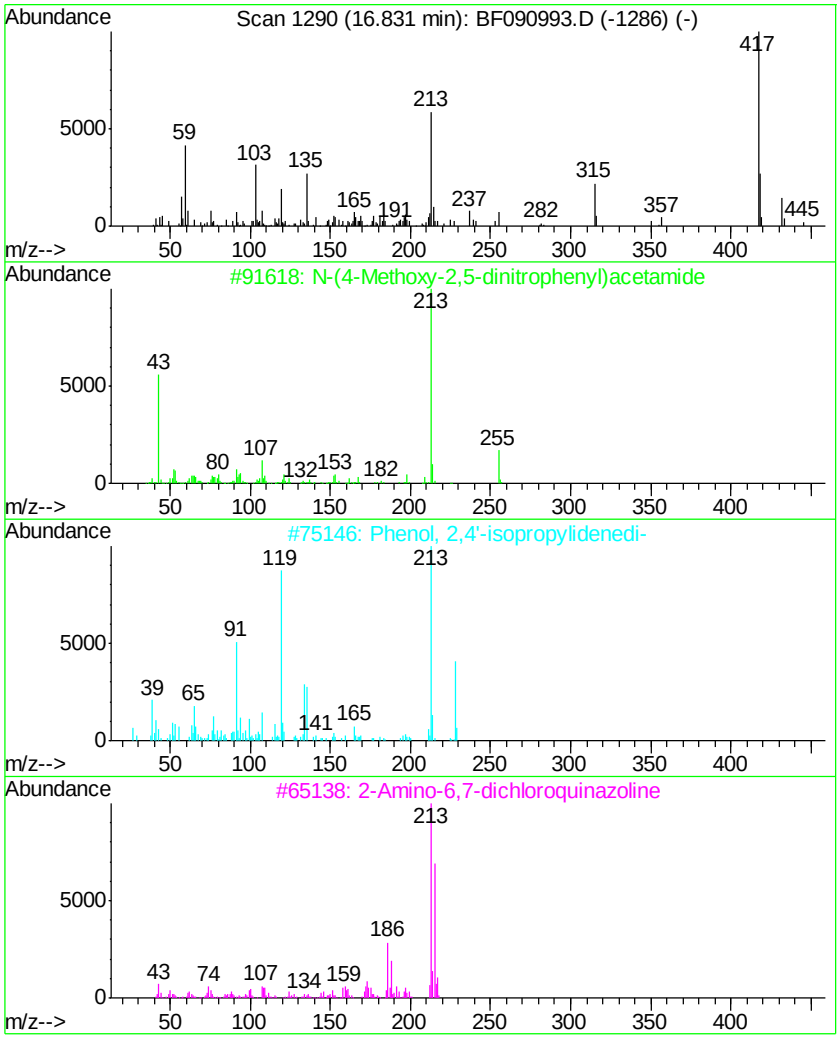
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

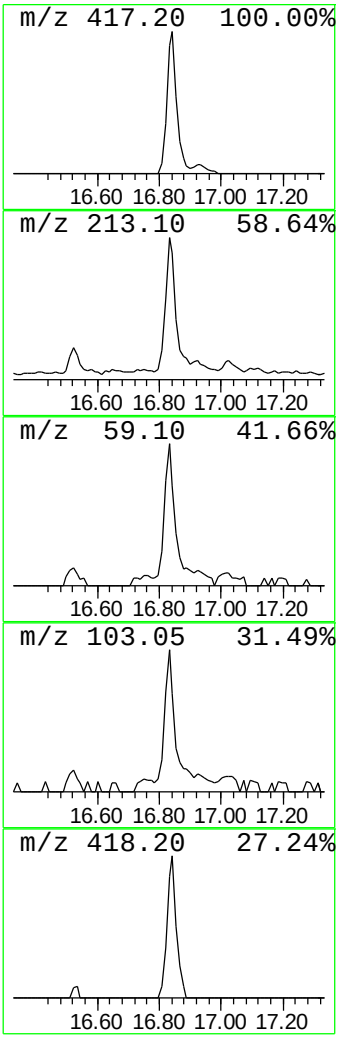
****

Peak Number 20 unknown16.83 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	7.44 ng	319188	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Methoxy-2,5-dinitrophenyl)a...	255	C9H9N3O6	257932-05-1	15
2	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	10
3	2-Amino-6,7-dichloroquinazoline	213	C8H5Cl2N3	076002-68-1	10
4	N-Benzyl-p-anisidine	213	C14H15NO	017377-95-6	10
5	Quinoline, 1,2,3,4-tetrahydro-2-...	213	C13H15N3	002531-52-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090993.D
Acq On : 2 Nov 2016 21:24
Operator : UM/SJ
Sample : H5509-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-96-1.0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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...	4.88	27.1	ng	1188330	1	6.72	877744	20.0
unknown6.49	6.49	86.3	ng	3788770	1	6.72	877744	20.0
2-Octanol	6.58	31.3	ng	1375590	1	6.72	877744	20.0
1-Hexanol, 2-ethyl-	6.80	6.9	ng	301294	1	6.72	877744	20.0
2,4,6-Cycloheptat...	9.22	4.7	ng	436091	3	9.77	1843330	20.0
N-(m-Tolyl)-dieth...	10.62	7.8	ng	553382	4	11.24	1426750	20.0
Pentadecane, 2,6,...	10.68	9.7	ng	693897	4	11.24	1426750	20.0
Naphthalene, deca...	10.91	4.6	ng	325892	4	11.24	1426750	20.0
Naphthalene, 1,2,...	10.98	4.2	ng	296145	4	11.24	1426750	20.0
unknown11.09	11.09	23.1	ng	1651300	4	11.24	1426750	20.0
1-Hexadecanol	11.48	12.3	ng	877377	4	11.24	1426750	20.0
4b,8-Dimethyl-2-i...	12.03	4.3	ng	309636	4	11.24	1426750	20.0
5-Octadecene, (E)-	12.29	12.8	ng	914844	4	11.24	1426750	20.0
Phenanthrene, 3,6...	12.35	5.0	ng	355812	4	11.24	1426750	20.0
Phenanthrene, 1-m...	12.97	16.1	ng	817895	5	13.88	1018580	20.0
8-Isopropyl-1,3-d...	13.30	4.8	ng	243897	5	13.88	1018580	20.0
Heptafluorobutano...	13.73	5.8	ng	293872	5	13.88	1018580	20.0
unknown16.83	16.83	7.4	ng	319188	6	15.28	858232	20.0