LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092818.D
Acq On : 7 Feb 2017 1:32
Operator : SJ/MA
Sample : I1704-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

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-BF013017.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	3.881	151	157	160	rVB	40560	60886	1.30%	0.111%
2	4.441	204	206	210	rBV	401342	453110	9.69%	0.829%
3	4.773	233	235	244	rBV	29138	49448	1.06%	0.090%
4	5.104	260	264	267	rBV	2094243	3549402	75.90%	6.495%
5	5.527	298	301	303	rBV	2547387	2347556	50.20%	4.296%
6	6.110	350	352	357	rBV	85858	136715	2.92%	0.250%
7	6.567	388	392	394	rBV	3072705	4676117	100.00%	8.557%
8	6.693	400	403	405	rBV	2570624	3353326	71.71%	6.136%
9	6.910	420	422	425	rBV	702192	838188	17.92%	1.534%
10	7.070	434	436	439	rVB	3084953	3369624	72.06%	6.166%
11	7.482	469	472	474	rBV	2521091	2556499	54.67%	4.678%
12	7.916	504	510	511	rBV2	23616	47906	1.02%	0.088%
13	8.202	532	535	539	rBV2	1300279	1740391	37.22%	3.185%
14	8.785	582	586	591	rBV4	37865	71549	1.53%	0.131%
15	8.910	595	597	599	rVB	224260	183202	3.92%	0.335%
16	9.013	604	606	608	rBV	137748	123532	2.64%	0.226%
17	9.276	626	629	632	rBV	4299592	4232352	90.51%	7.745%
18	9.356	633	636	637	rBV2	66498	88107	1.88%	0.161%
19	9.379	637	638	640	rVB2	79660	69284	1.48%	0.127%
20	9.539	649	652	654	rBV	57461	78095	1.67%	0.143%
21	9.608	656	658	660	rVV	75325	112233	2.40%	0.205%
22	9.665	662	663	665	rVB	335266	406586	8.69%	0.744%
23	9.813	674	676	678	rBV2	50722	49509	1.06%	0.091%
24	9.882	678	682	684	rVV2	125458	138157	2.95%	0.253%
25	9.950	686	688	690	rVV	823783	1112746	23.80%	2.036%
26	9.985	690	691	693	rVB	497108	455154	9.73%	0.833%
27	10.110	700	702	704	rBV2	52345	71771	1.53%	0.131%
28	10.156	704	706	708	rVV	326020	342862	7.33%	0.627%
29	10.202	708	710	715	rVB2	53527	74271	1.59%	0.136%
30	10.362	722	724	725	rBV	55987	97192	2.08%	0.178%
31	10.385	725	726	727	rVB	169617	117275	2.51%	0.215%
32	10.499	734	736	739	rBV	393258	416766	8.91%	0.763%
33	10.568	739	742	743	rBV	44714	59619	1.27%	0.109%
34	10.591	743	744	747	rVV2	82579	141871	3.03%	0.260%

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Sample : I1704-01
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Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.659	749	750	753	rVB2	84519	75467	1.61%	0.138%
36	10.739	755	757	760	rVB2	446642	527582	11.28%	0.965%
37	10.876	766	769	772	rVB2	235635	453400	9.70%	0.830%
38	10.922	772	773	775	rBV	209801	289536	6.19%	0.530%
39	10.956	775	776	778	rVV2	283985	361752	7.74%	0.662%
40	10.991	778	779	780	rVV	288541	269387	5.76%	0.493%
41	11.048	783	784	788	rVV3	162254	399860	8.55%	0.732%
42	11.105	788	789	791	rVV2	248567	270344	5.78%	0.495%
43	11.139	791	792	793	rVV	276260	247948	5.30%	0.454%
44	11.185	793	796	800	rVV	199274	352419	7.54%	0.645%
45	11.242	800	801	804	rVV2	70628	119176	2.55%	0.218%
46	11.299	804	806	808	rVV2	183001	268305	5.74%	0.491%
47	11.333	808	809	812	rVV	225571	260690	5.57%	0.477%
48	11.448	816	819	820	rBV	868840	1305556	27.92%	2.389%
49	11.471	820	821	823	rVV	2191740	1624043	34.73%	2.972%
50	11.516	823	825	827	rVV	535245	491748	10.52%	0.900%
51	11.551	827	828	831	rVV2	75148	82343	1.76%	0.151%
52	11.676	835	839	842	rVV	307874	347515	7.43%	0.636%
53	11.733	842	844	846	rVV2	173633	177459	3.80%	0.325%
54	11.779	846	848	850	rVB2	40482	63954	1.37%	0.117%
55	11.939	860	862	864	rVV	127265	205938	4.40%	0.377%
56	11.974	864	865	867	rVV	264312	197733	4.23%	0.362%
57	12.019	867	869	871	rVV	102674	115803	2.48%	0.212%
58	12.054	871	872	876	rVB	272370	414428	8.86%	0.758%
59	12.134	876	879	882	rBV2	81494	166247	3.56%	0.304%
60	12.214	884	886	887	rBV2	30320	51182	1.09%	0.094%
61	12.236	887	888	889	rVV	108627	103162	2.21%	0.189%
62	12.259	889	890	892	rVB	61098	84279	1.80%	0.154%
63	12.385	899	901	902	rBV2	50831	59794	1.28%	0.109%
64	12.419	902	904	907	rVB3	70922	95238	2.04%	0.174%
65	12.499	908	911	912	rBV	84662	140251	3.00%	0.257%
66	12.534	912	914	917	rVV	118160	222495	4.76%	0.407%
67	12.579	917	918	920	rVV	60702	63900	1.37%	0.117%
68	12.625	920	922	923	rVV2	57910	72718	1.56%	0.133%
69	12.659	923	925	927	rVV	1801661	1616702	34.57%	2.958%
70	12.716	927	930	931	rVV3	41255	70071	1.50%	0.128%
71	12.808	936	938	940	rBV2	64208	70148	1.50%	0.128%

LSC Area Percent Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.888	942	945	946	rBV	1501190	1704827	36.46%	3.120%
73	13.036	955	958	960	rVB	3098137	3582555	76.61%	6.556%
74	13.105	961	964	966	rBV2	95247	189289	4.05%	0.346%
75	13.219	971	974	975	rVB	136926	213836	4.57%	0.391%
76	13.254	975	977	978	rBV2	107715	123084	2.63%	0.225%
77	13.277	978	979	981	rVV	154162	164295	3.51%	0.301%
78	13.322	981	983	986	rVB3	84705	158674	3.39%	0.290%
79	13.505	997	999	1000	rBV	174184	182003	3.89%	0.333%
80	13.597	1005	1007	1010	rBV2	125409	167120	3.57%	0.306%
81	13.928	1034	1036	1041	rVB2	245565	276403	5.91%	0.506%
82	14.088	1046	1050	1056	rVB4	962957	2445378	52.30%	4.475%
83	15.117	1138	1140	1144	rBV	340669	769353	16.45%	1.408%
84	15.482	1170	1172	1175	rVB	293386	378880	8.10%	0.693%
85	15.551	1175	1178	1184	rVB3	421812	932558	19.94%	1.706%

Sum of corrected areas: 54648129

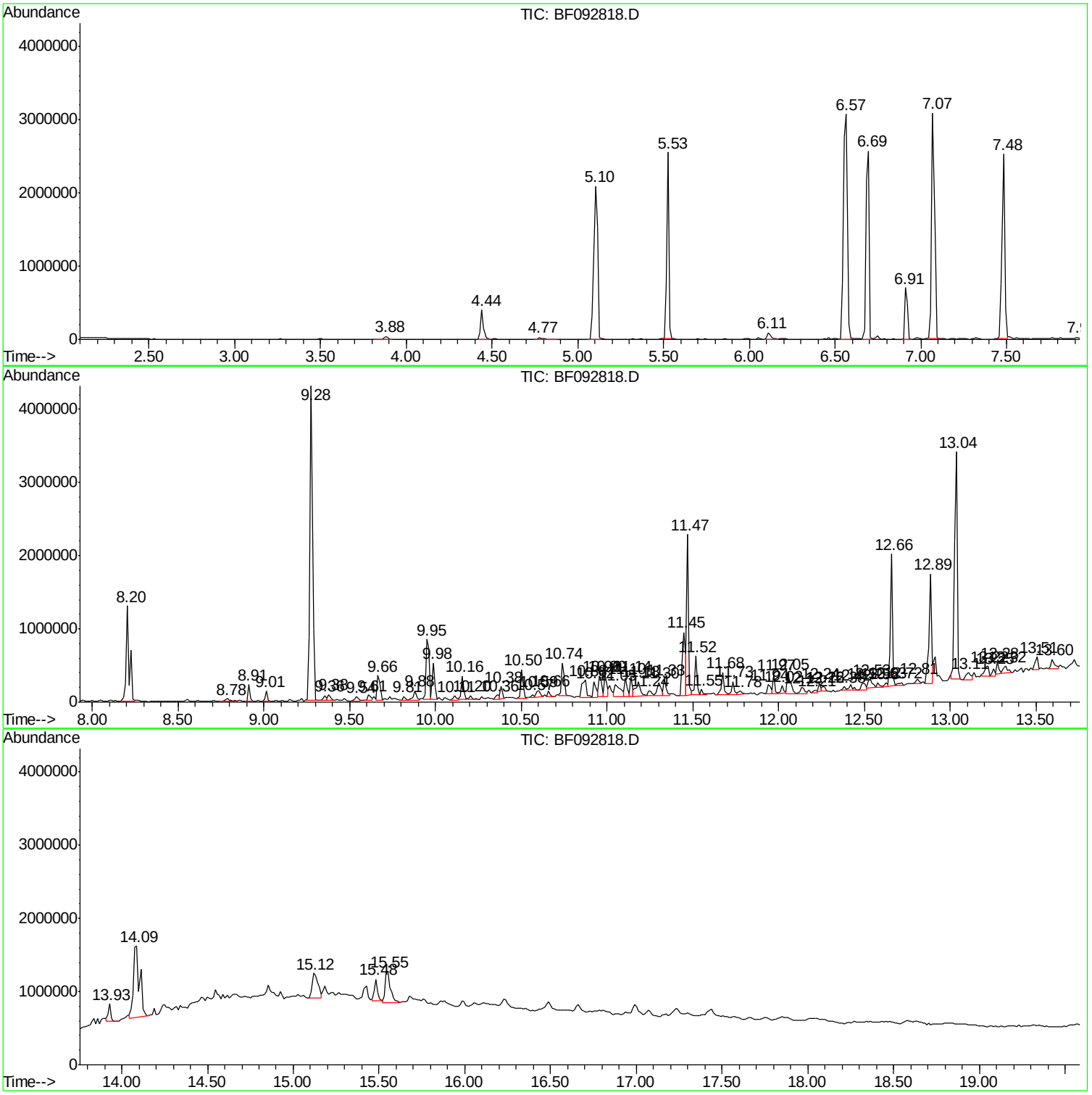
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092818.D
Acq On : 7 Feb 2017 1:32
Operator : SJ/MA
Sample : I1704-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF020617\
Data File : BF092818.D
Acq On : 7 Feb 2017 1:32
Operator : SJ/MA
Sample : I1704-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

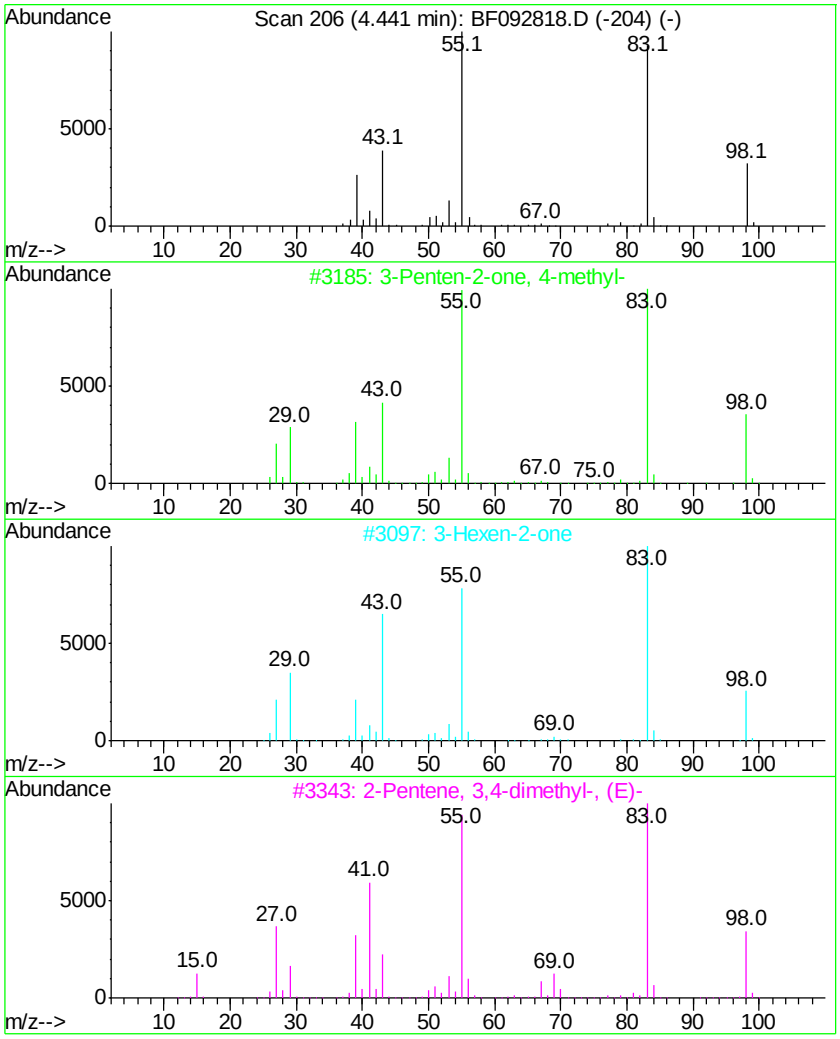
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

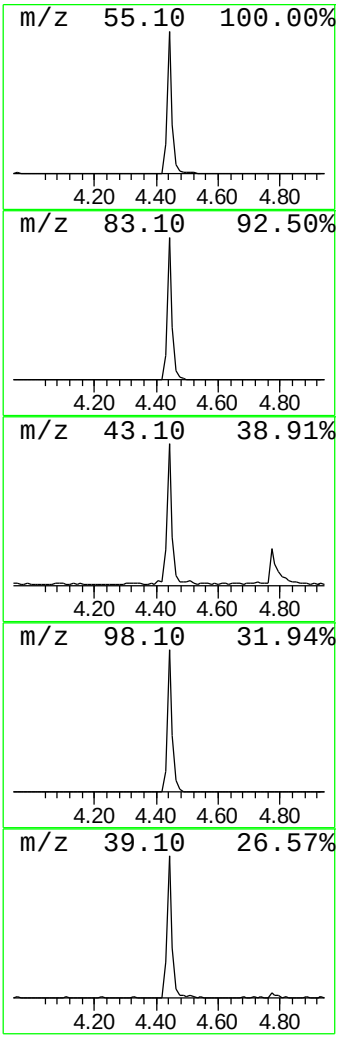
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	10.81 ng	453110	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
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Sample : I1704-01
Misc :
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Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

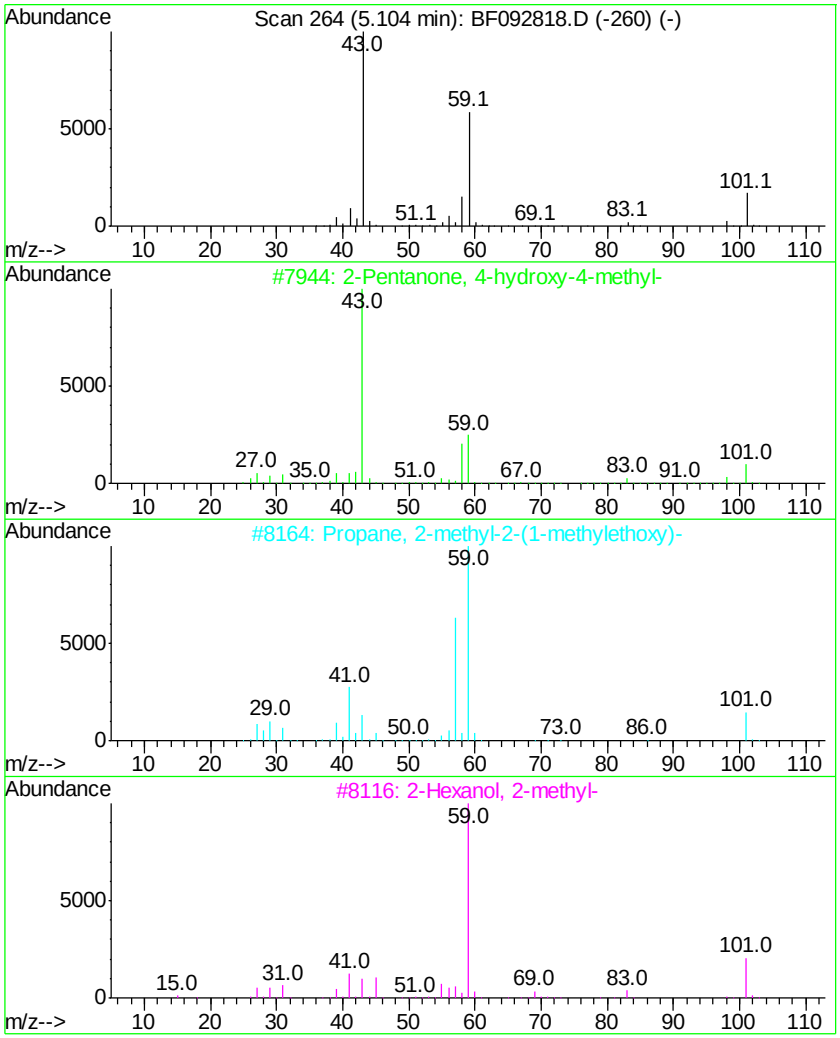
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

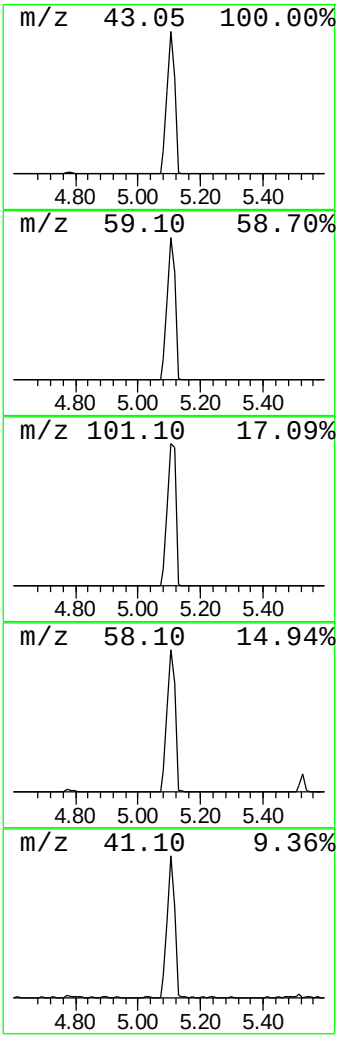
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	84.69 ng	3549400	1,4-Dichlorobenzene-d4	6.91

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	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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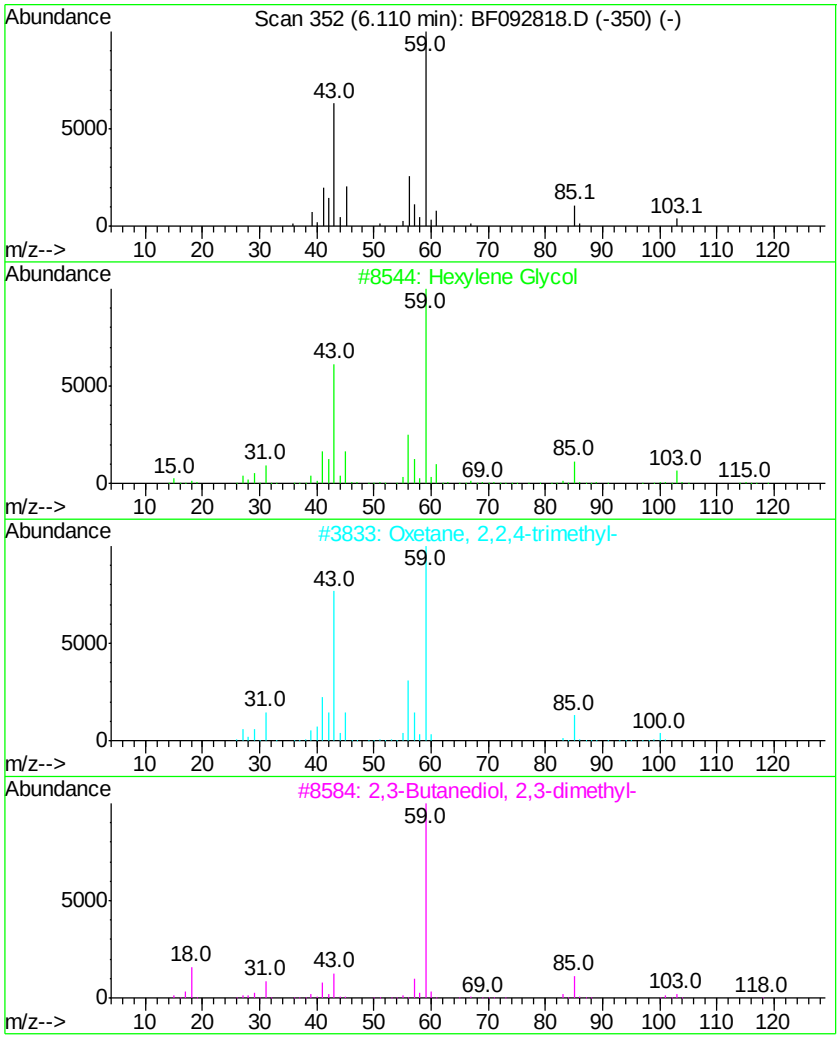
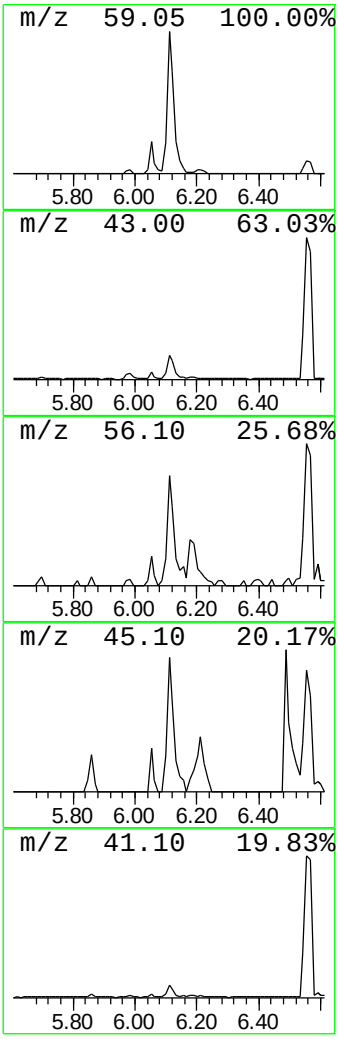
Peak Number 3 Hexylene Glycol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	3.26 ng	136715	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene Glycol	118	C6H14O2	000107-41-5	83
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	50
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	45
5	Acetic acid, ethoxy-, 1-methylet...	146	C7H14O3	054063-13-7	40





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TIC Library : C:\DATABASE\NIST02.L
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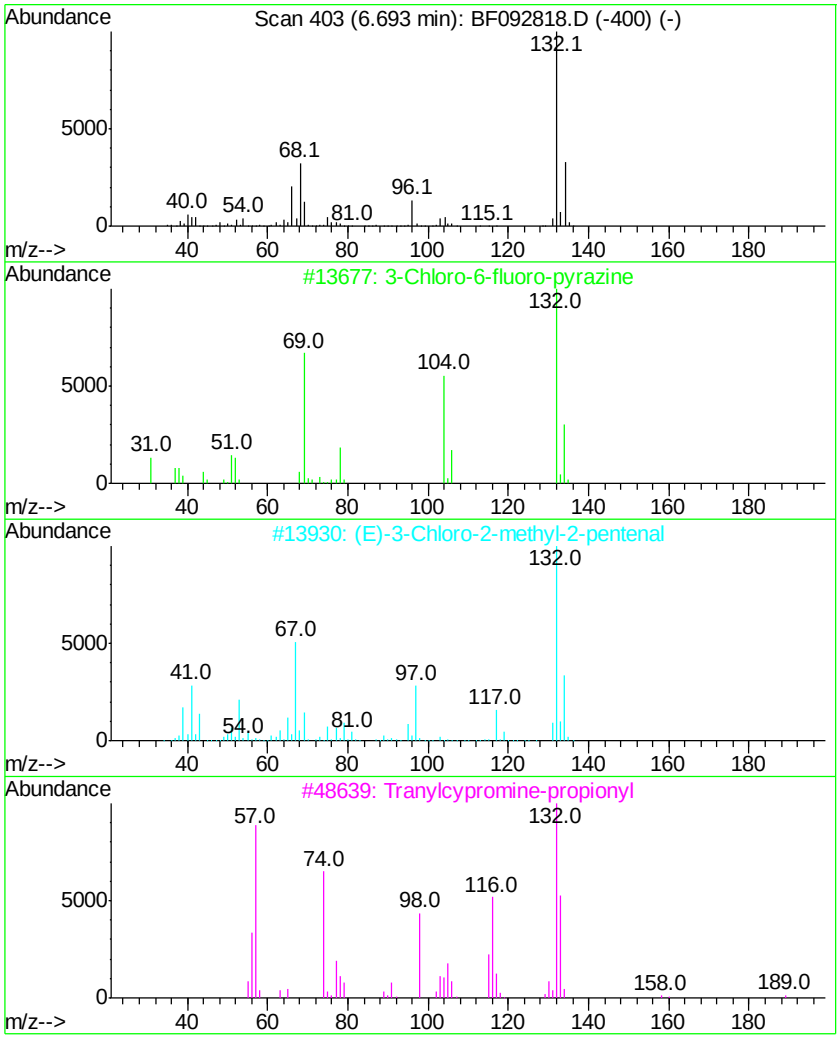
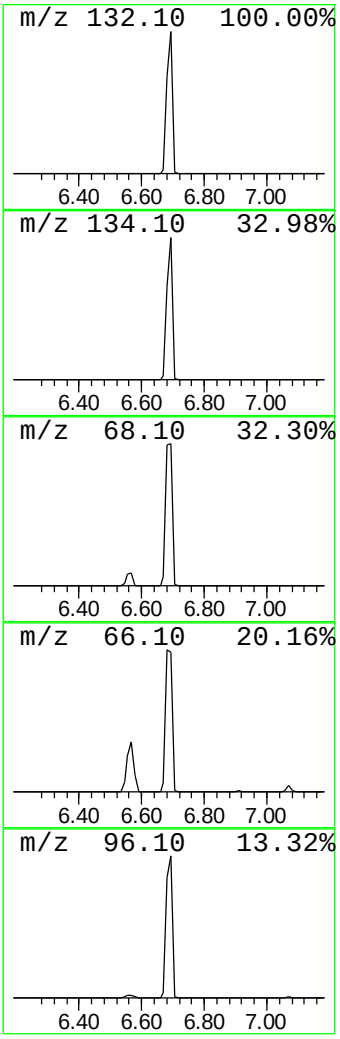
Peak Number 4 unknown6.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	80.01 ng	3353330	1,4-Dichlorobenzene-d4	6.91

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
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





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Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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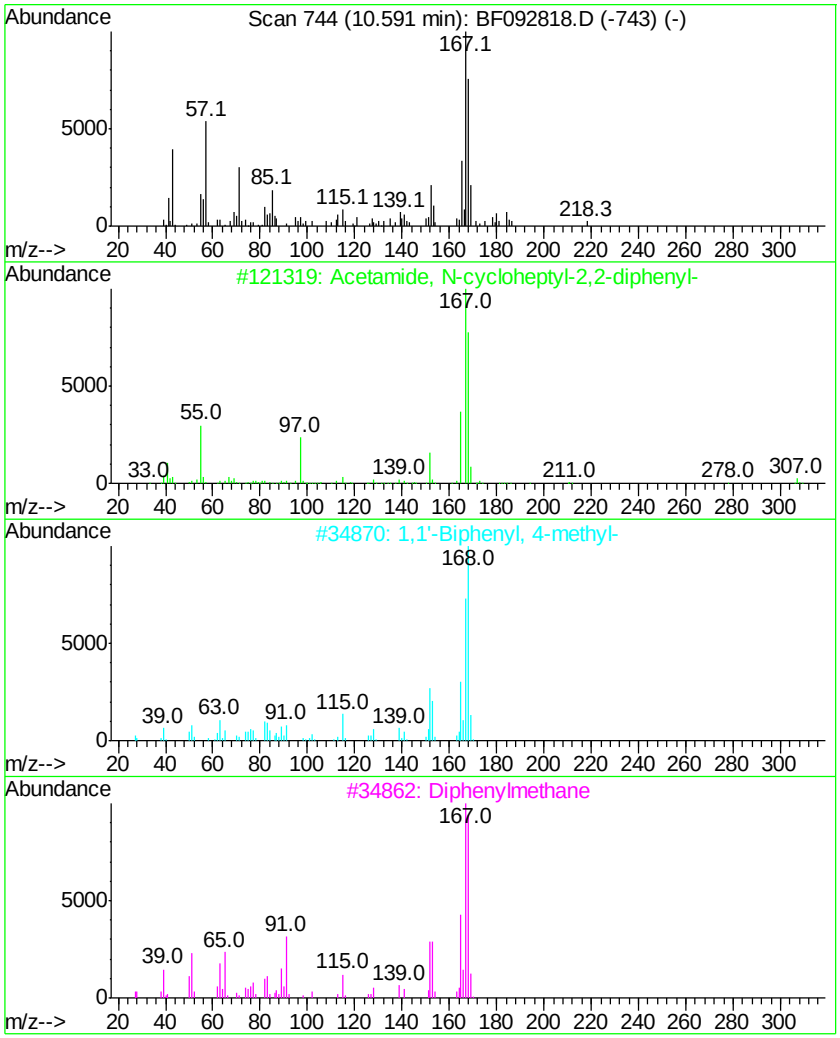
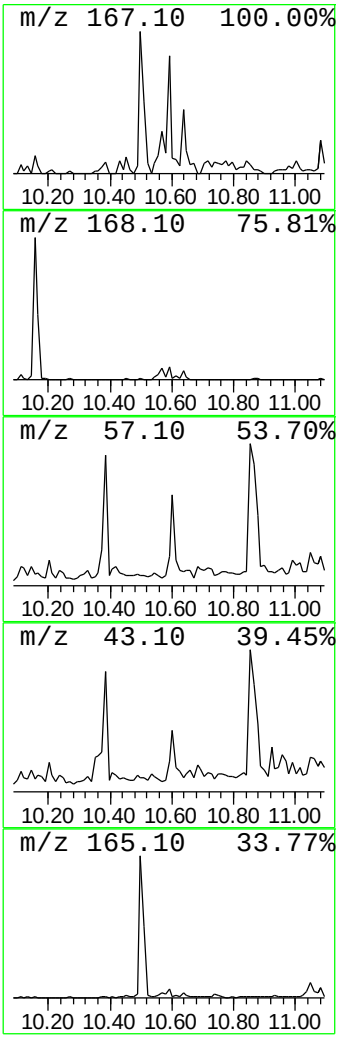
Peak Number 5 Acetamide, N-cycloheptyl-2,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.55 ng	141871	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	59
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55
3	Diphenylmethane	168	C13H12	000101-81-5	46
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
5	1,1'-Biphenyl, 4-(chloromethyl)-	202	C13H11Cl	001667-11-4	35





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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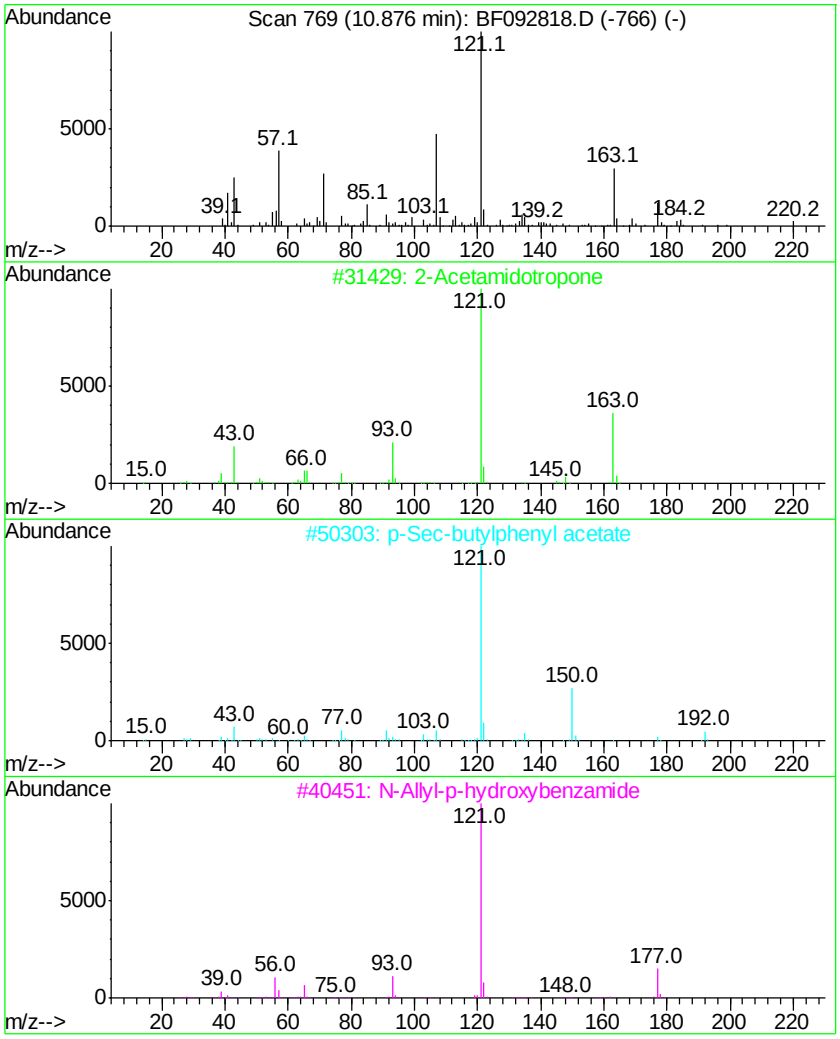
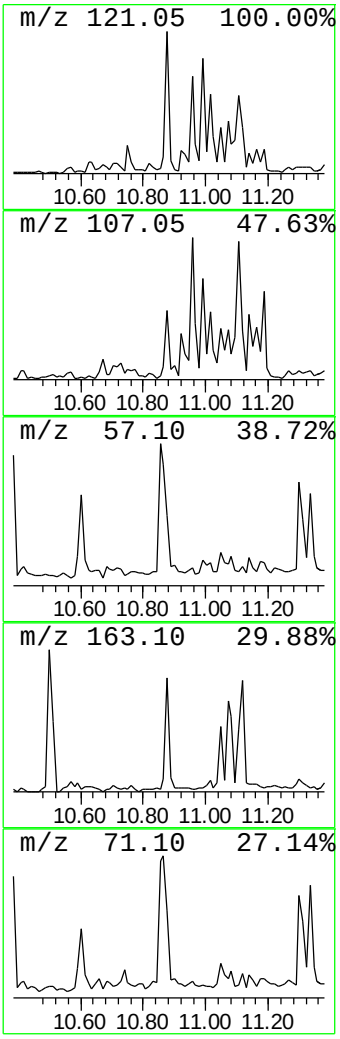
Peak Number 6 unknown10.88 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	6.95 ng	453400	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	38
2	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	35
3	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	35
4	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	32
5	4-(p-Methoxyphenyl)-1-butanol	180	C11H16O2	022135-50-8	27





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Sample : I1704-01
Misc :
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ClientSampleId : FK-SF-01-002-A

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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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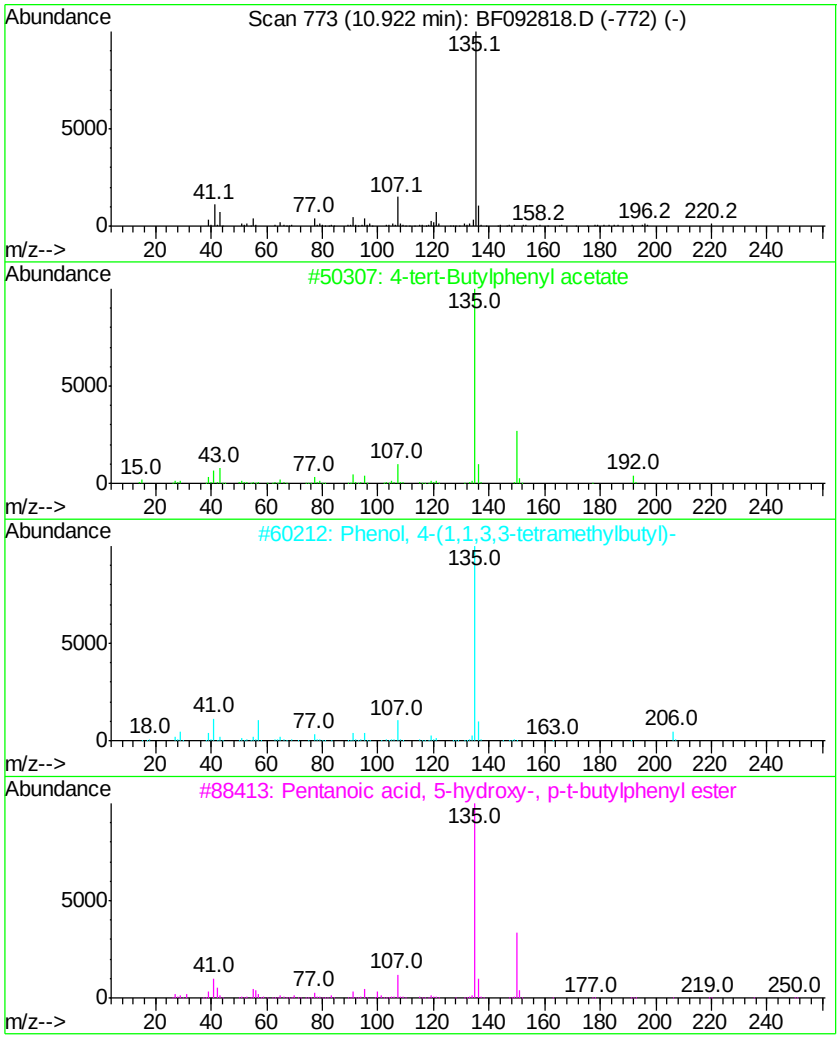
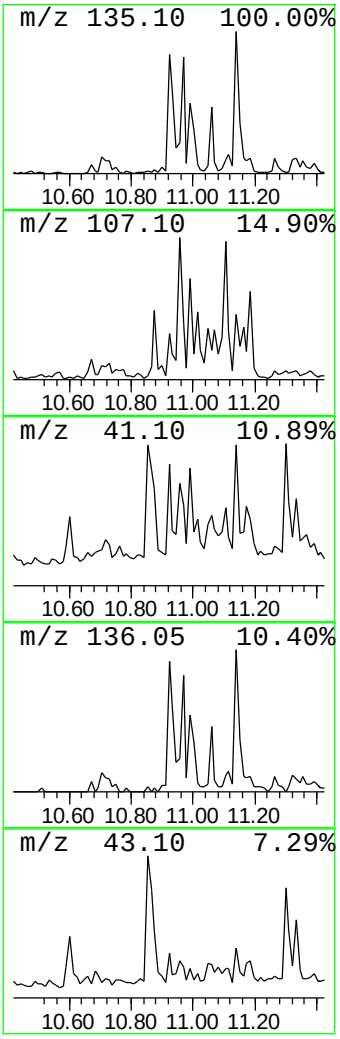
Peak Number 7 4-tert-Butylphenyl acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.44 ng	289536	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56





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ClientSampleId : FK-SF-01-002-A

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

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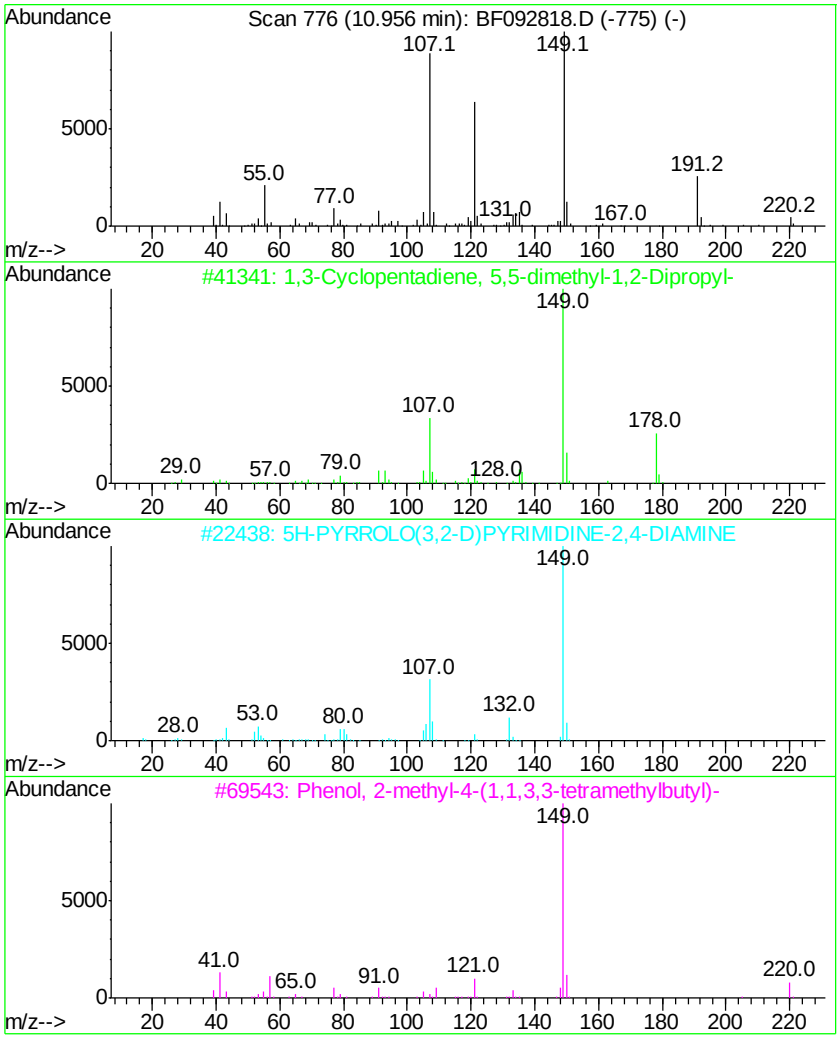
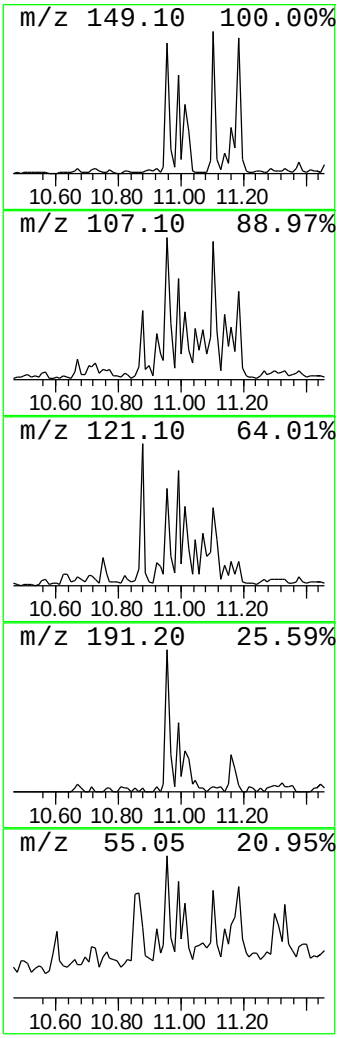
Peak Number 8 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	5.54 ng	361752	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethv...	178	C13H22	1000163-88-0	50
2	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	50
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35





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TIC Integration Parameters: LSCINT.P

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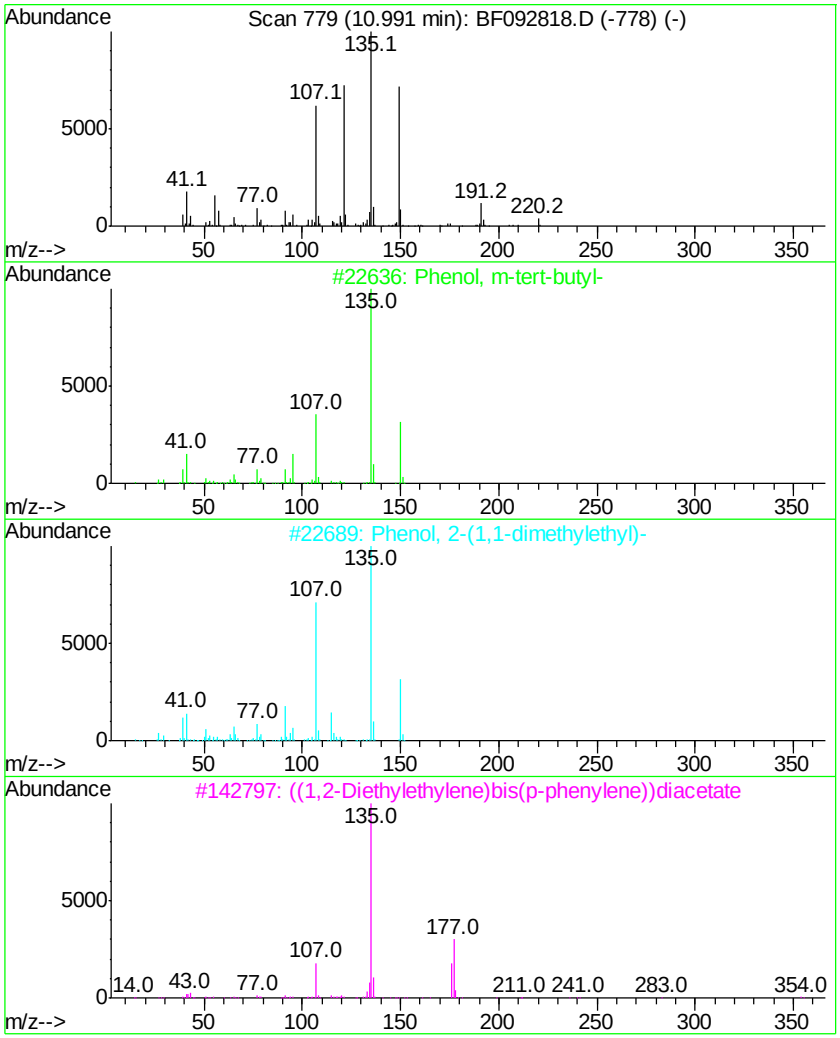
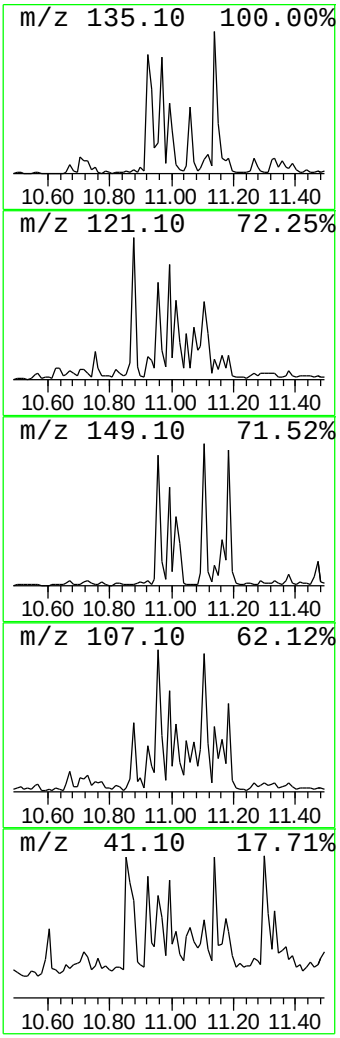
Peak Number 9 Phenol, m-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	4.13 ng	269387	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
4	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	43
5	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	38





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TIC Library : C:\DATABASE\NIST02.L
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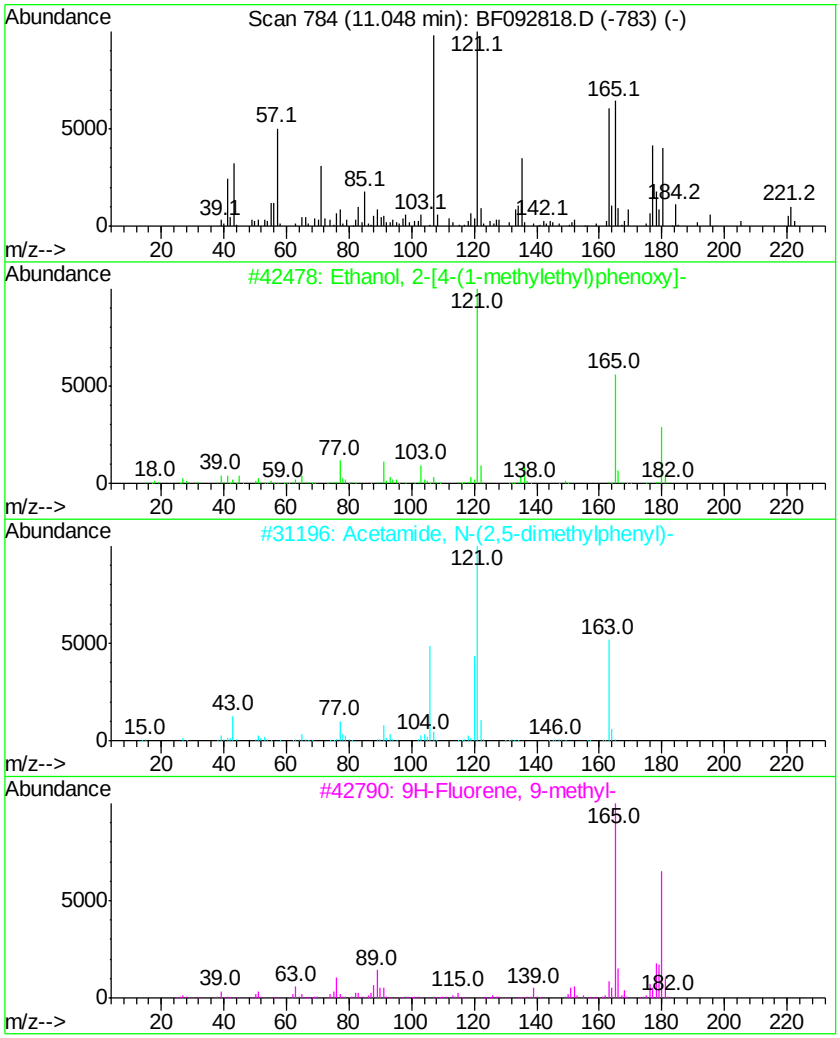
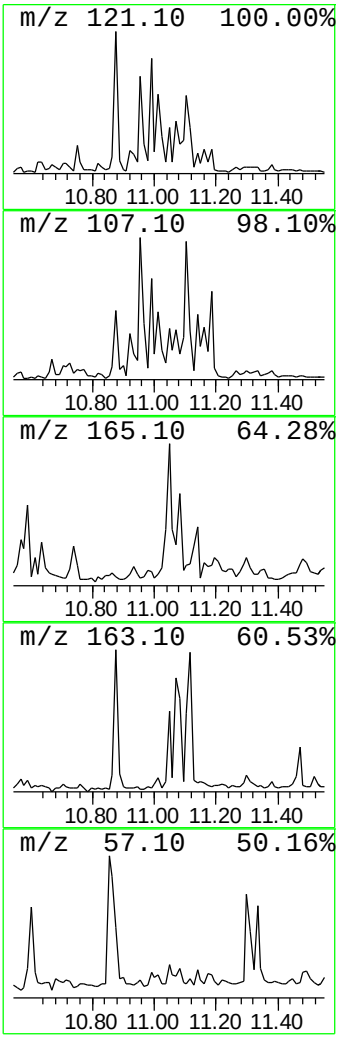
Peak Number 10 unknown11.05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	6.13 ng	399860	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1-methylethyl)phe...	180	C11H16O2	054576-35-1	38
2	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	25
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	25
4	Benzeneacetic acid, 3-hydroxy-, ...	180	C10H12O3	022446-38-4	22
5	Benzenemethanol, 4-methoxy-, ace...	180	C10H12O3	000104-21-2	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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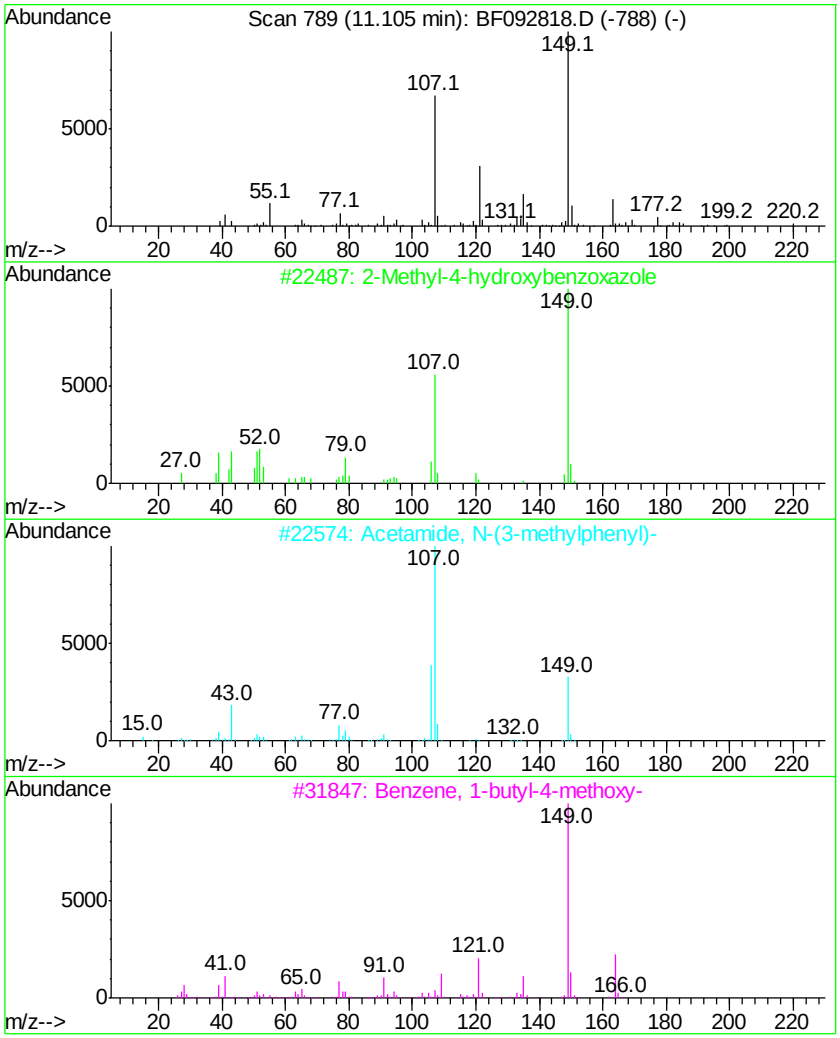
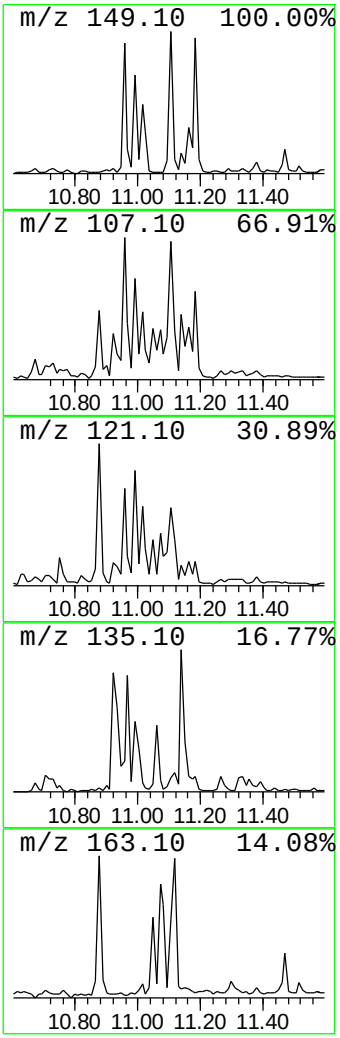
Peak Number 11 2-Methyl-4-hydroxybenzoxazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.14 ng	270344	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
3	Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	58
4	Benzoic acid, 4-(2,4-dichlorophe...	310	C15H12Cl2O3	1000294-38-1	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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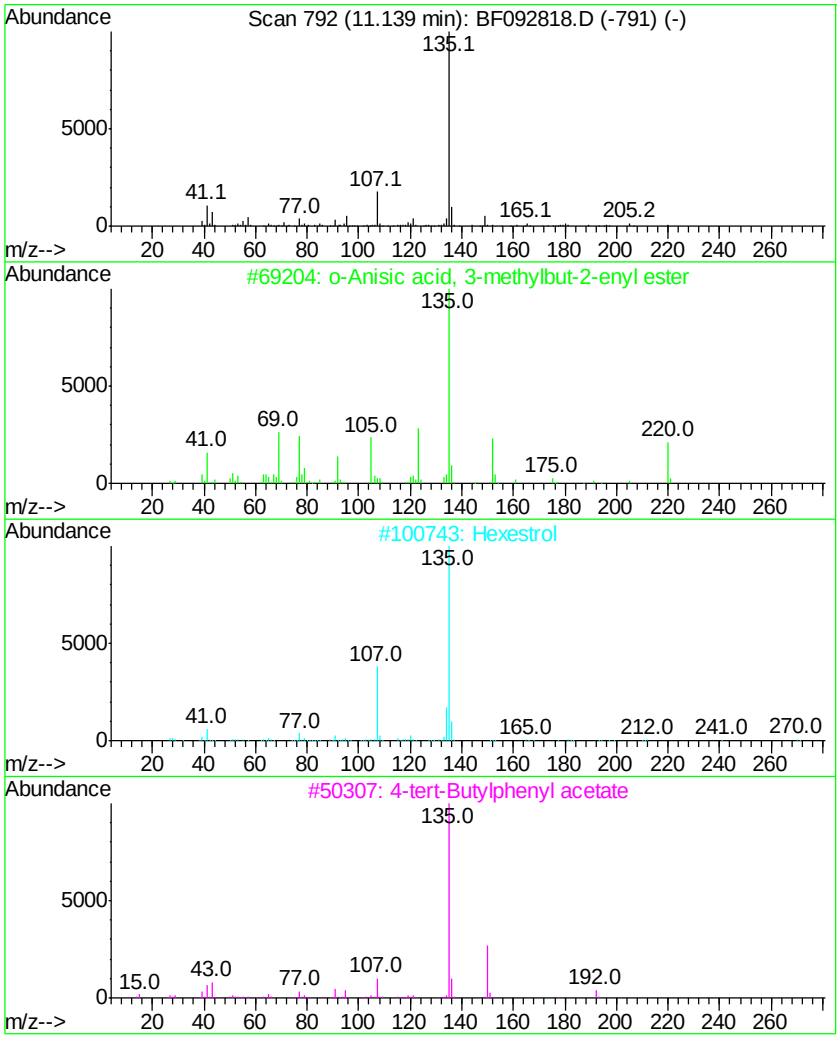
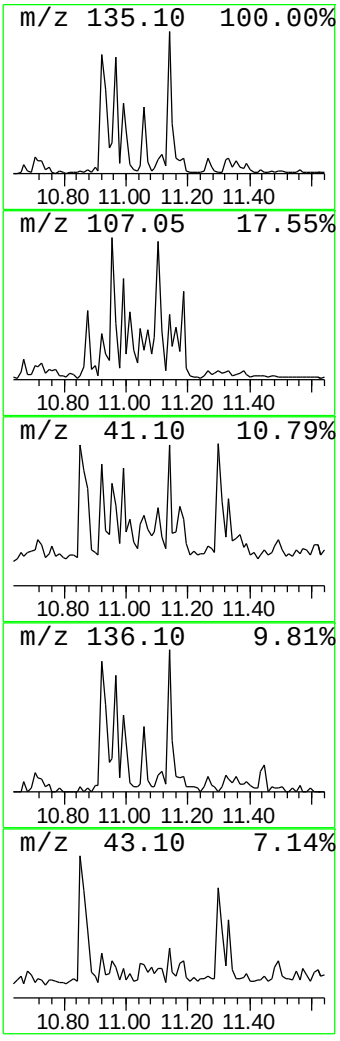
Peak Number 12 o-Anisic acid, 3-methylbut-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	3.80 ng	247948	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Anisic acid, 3-methylbut-2-eny...	220	C13H16O3	1000292-57-2	64
2	Hexestrol	270	C18H22O2	005635-50-7	59
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	56
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	56
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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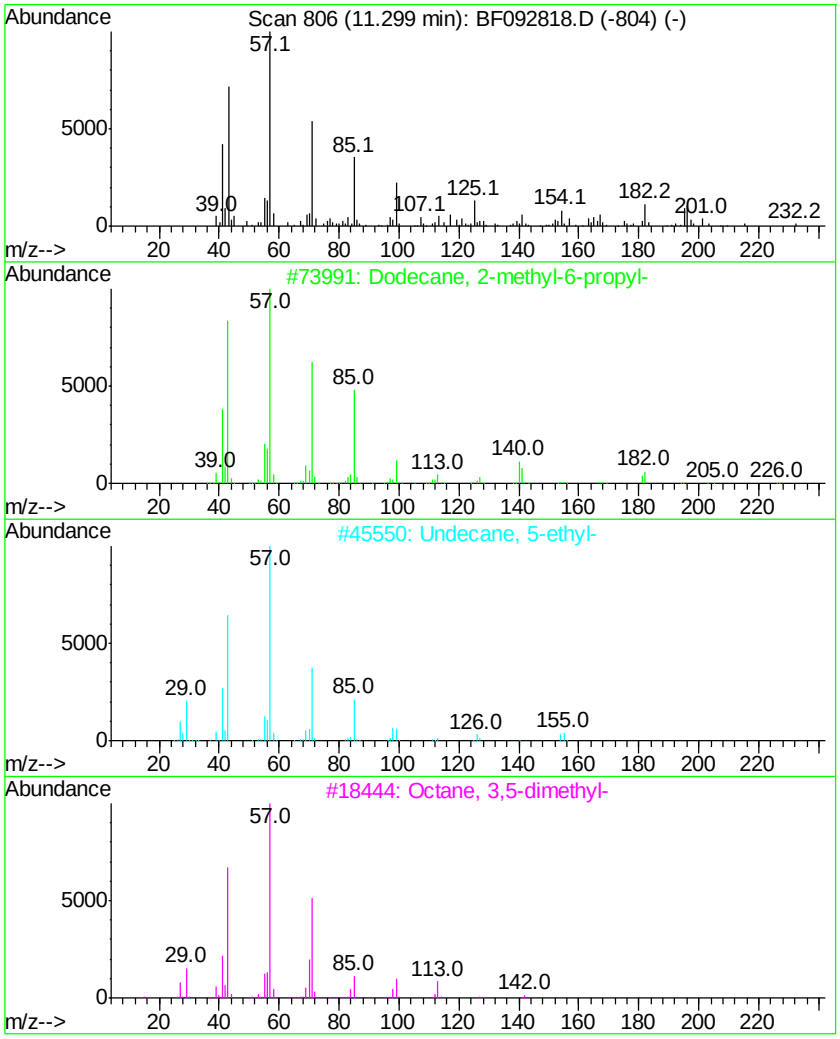
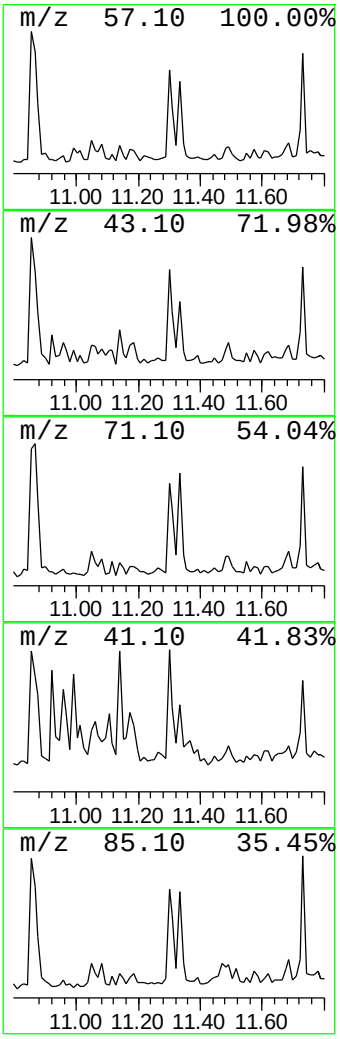
Peak Number 14 unknown11.30 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	4.11 ng	268305	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	47
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
4	Eicosane	282	C20H42	000112-95-8	46
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	43





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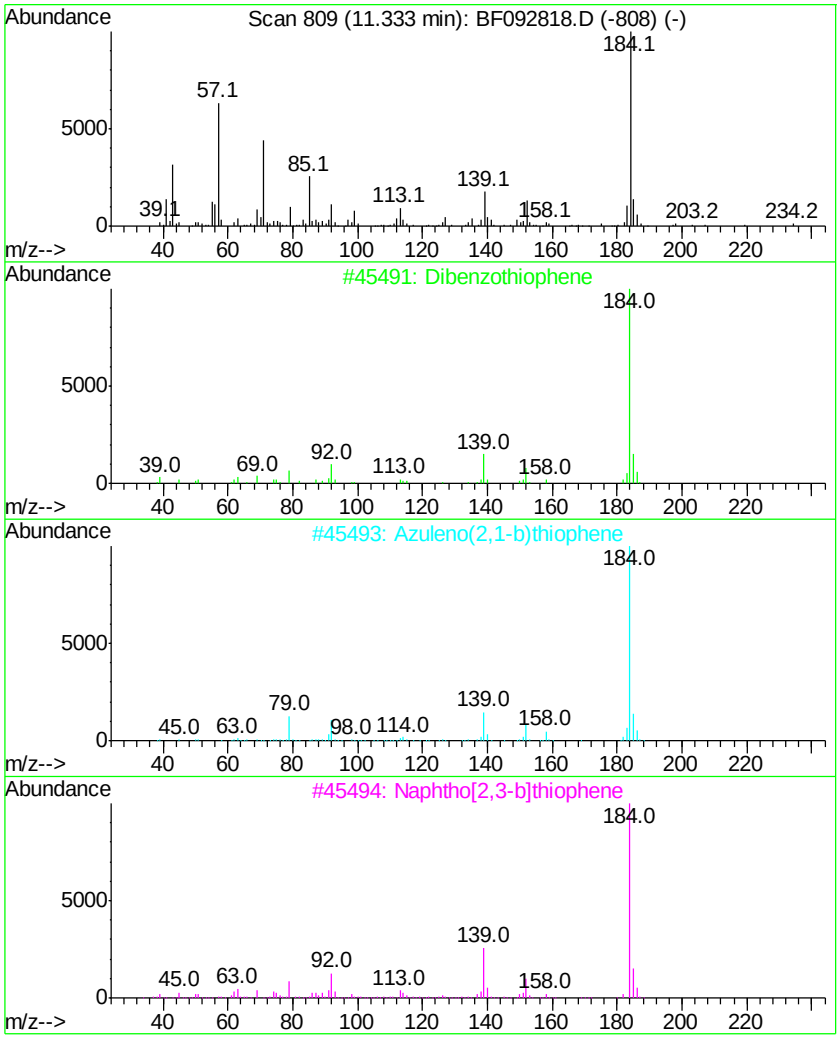
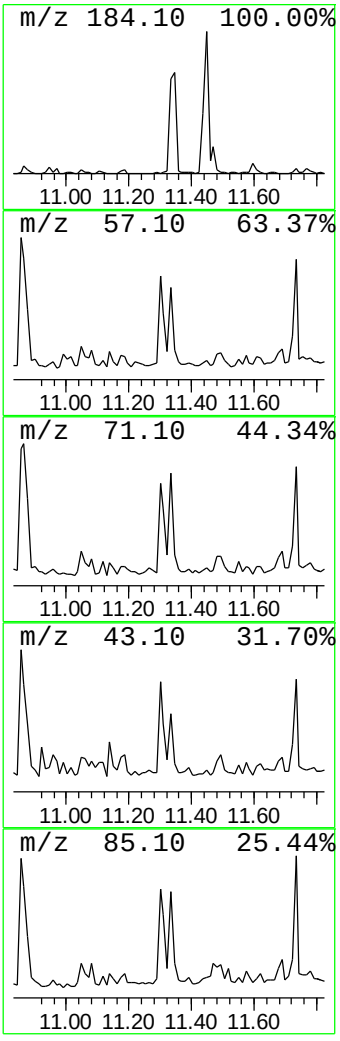
Peak Number 15 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.99 ng	260690	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	92
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	43
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	38





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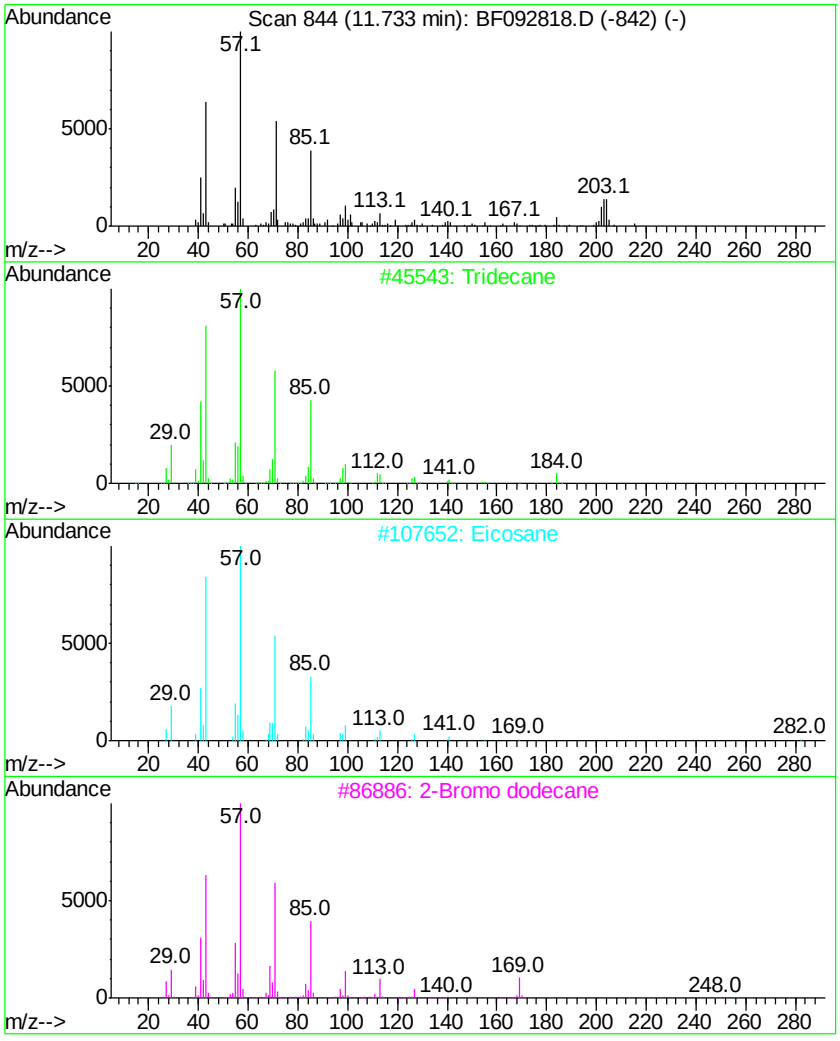
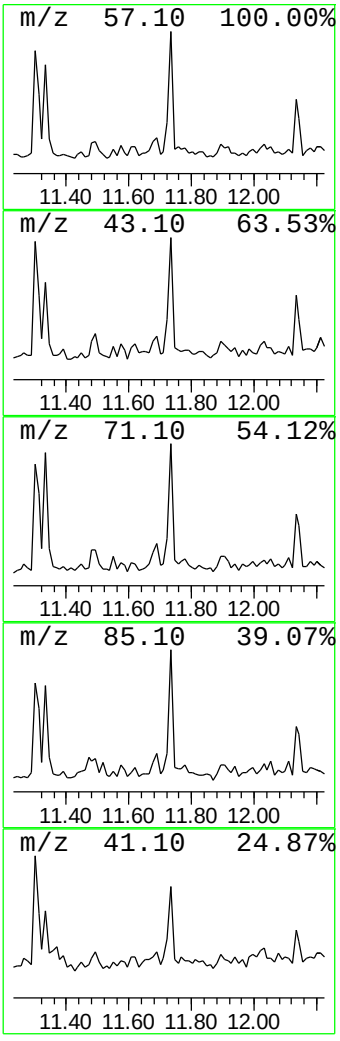
Peak Number 16 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.72 ng	177459	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Eicosane	282	C20H42	000112-95-8	64
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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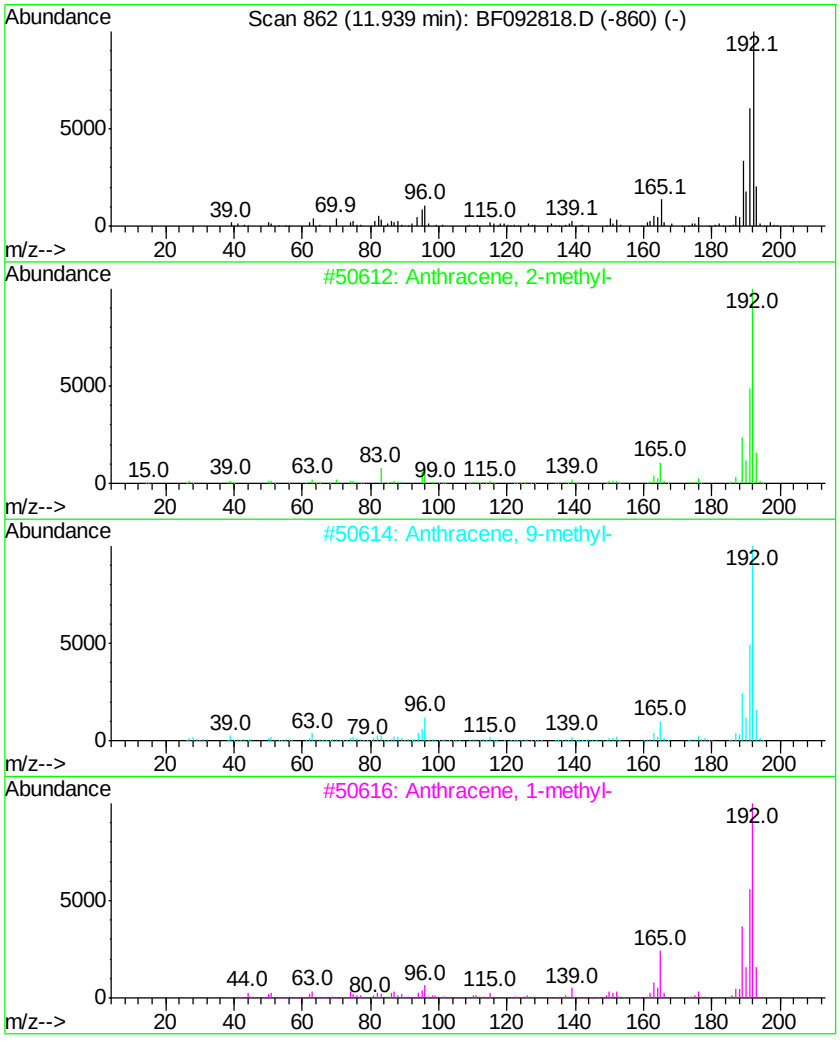
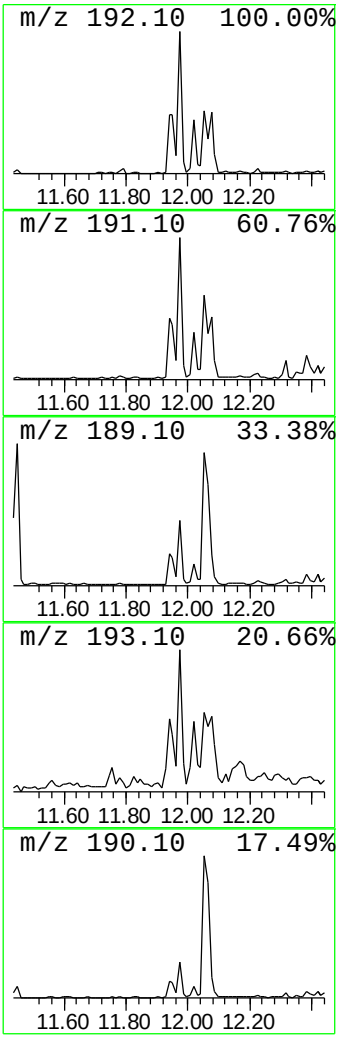
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.15 ng	205938	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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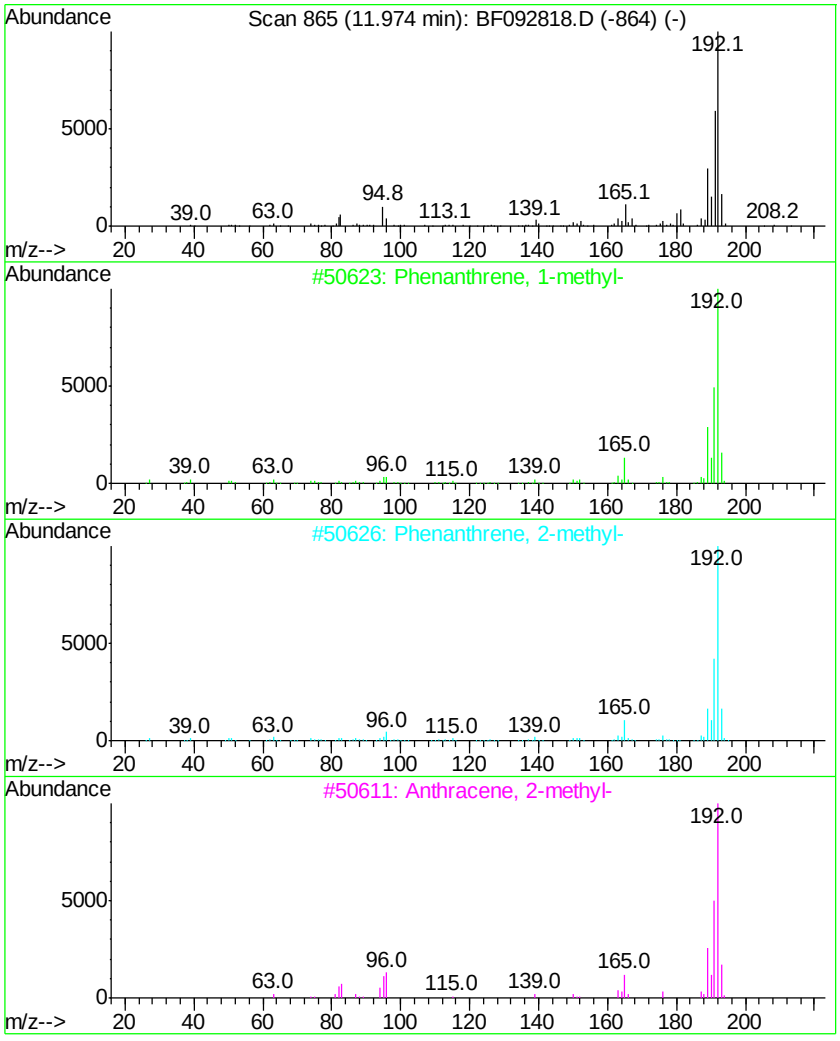
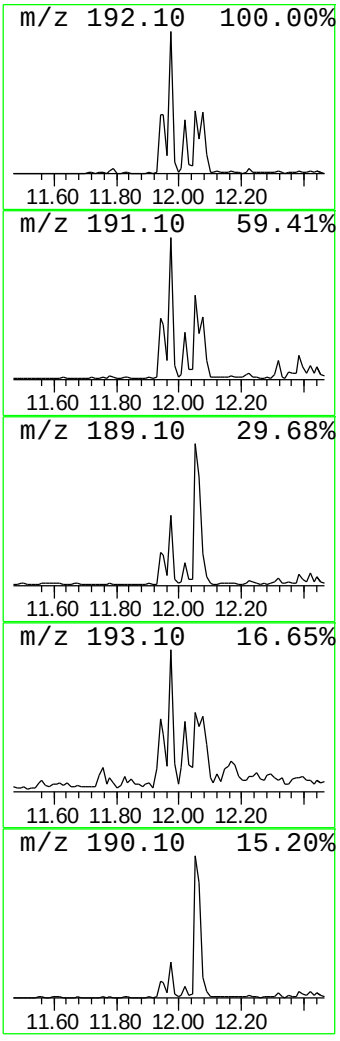
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.03 ng	197733	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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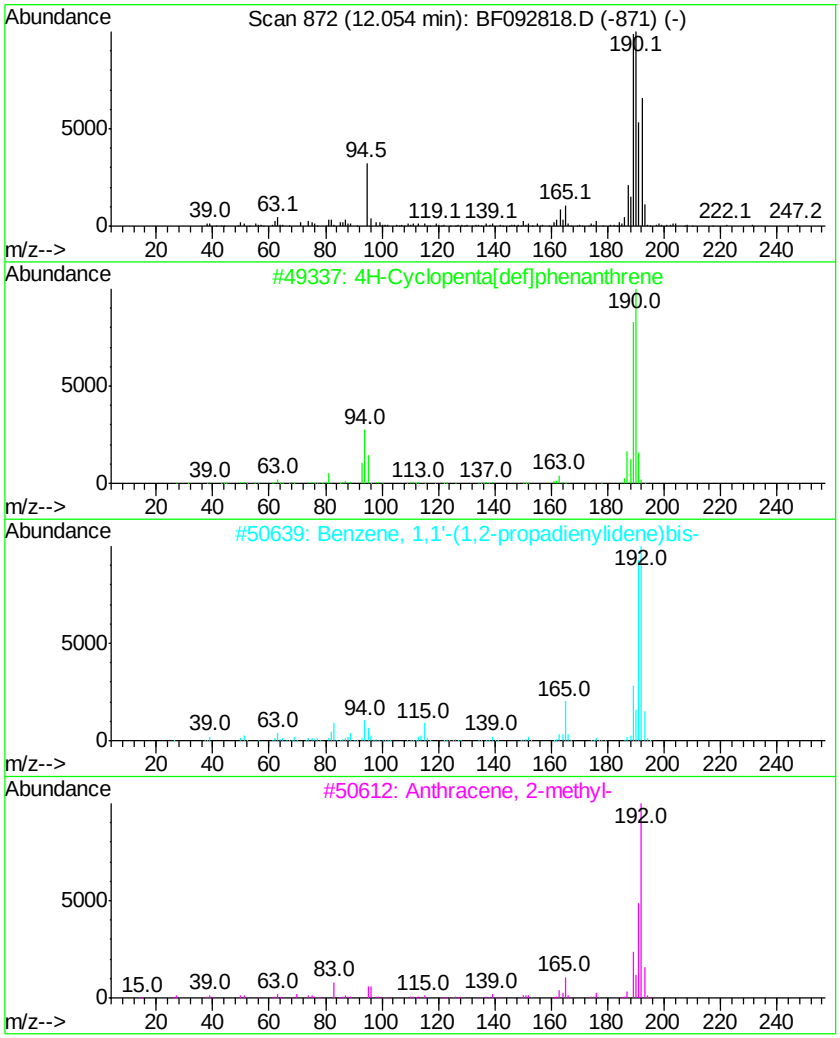
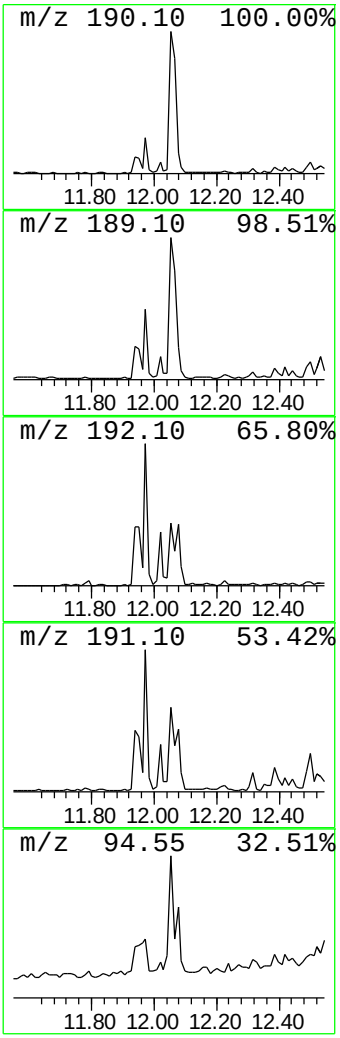
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	6.35 ng	414428	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092818.D
Acq On : 7 Feb 2017 1:32
Operator : SJ/MA
Sample : I1704-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

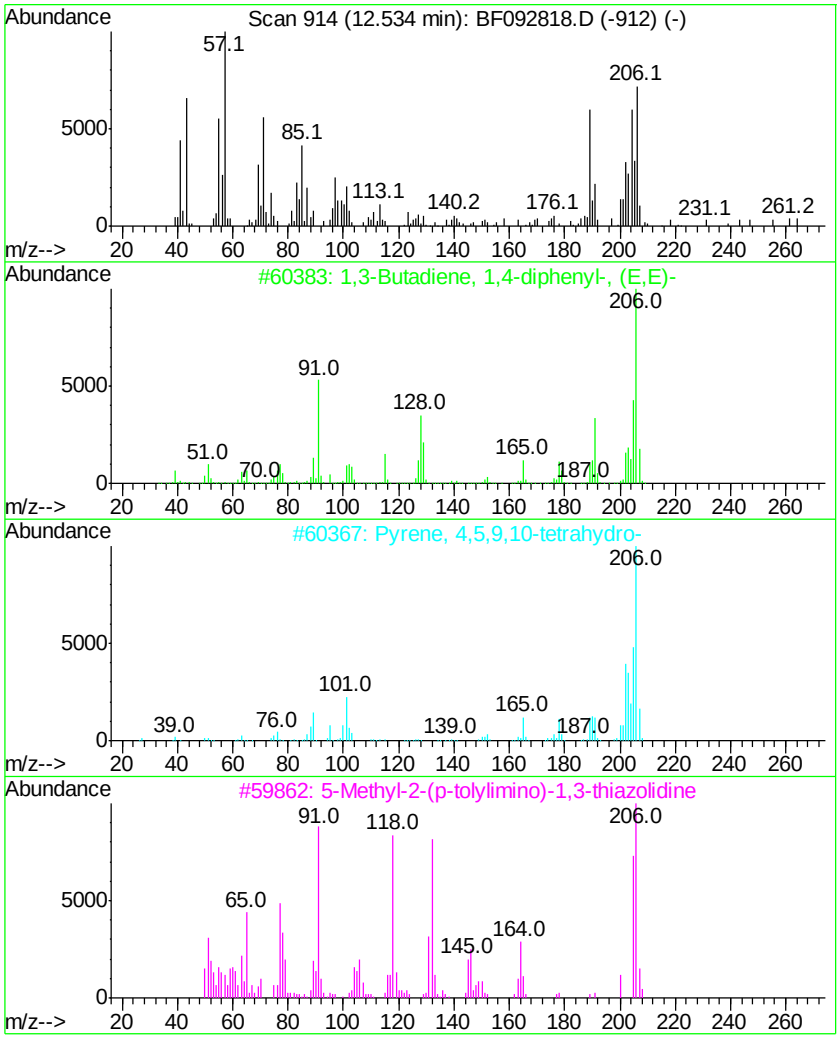
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

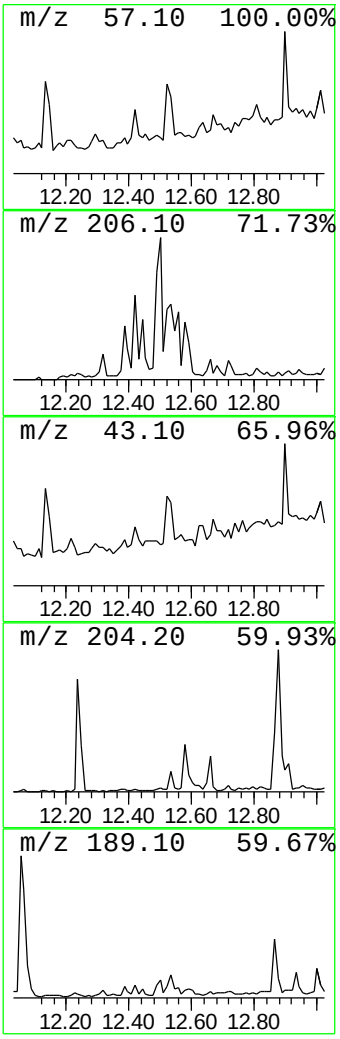
****

Peak Number 20 unknown12.53 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.41 ng	222495	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	35
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
3	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	25
4	8-Cyano-6,7-dihydro-2-dimethylam...	206	C8H10N6O	077455-10-8	25
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092818.D
Acq On : 7 Feb 2017 1:32
Operator : SJ/MA
Sample : I1704-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
3-Penten-2-one, 4...	4.44	10.8	ng	453110	1	6.91	838188	20.0
2-Pentanone, 4-hy...	5.10	84.7	ng	3549400	1	6.91	838188	20.0
Hexylene Glycol	6.11	3.3	ng	136715	1	6.91	838188	20.0
unknown6.69	6.69	80.0	ng	3353330	1	6.91	838188	20.0
Acetamide, N-cycl...	10.59	2.5	ng	141871	3	9.96	1112750	20.0
unknown10.88	10.88	7.0	ng	453400	4	11.45	1305560	20.0
4-tert-Butylpheny...	10.92	4.4	ng	289536	4	11.45	1305560	20.0
1,3-Cyclopentadie...	10.96	5.5	ng	361752	4	11.45	1305560	20.0
Phenol, m-tert-bu...	10.99	4.1	ng	269387	4	11.45	1305560	20.0
unknown11.05	11.05	6.1	ng	399860	4	11.45	1305560	20.0
2-Methyl-4-hydrox...	11.10	4.1	ng	270344	4	11.45	1305560	20.0
o-Anisic acid, 3-...	11.14	3.8	ng	247948	4	11.45	1305560	20.0
unknown11.30	11.30	4.1	ng	268305	4	11.45	1305560	20.0
Dibenzothiophene	11.33	4.0	ng	260690	4	11.45	1305560	20.0
Tridecane	11.73	2.7	ng	177459	4	11.45	1305560	20.0
Anthracene, 2-met...	11.94	3.1	ng	205938	4	11.45	1305560	20.0
Phenanthrene, 1-m...	11.97	3.0	ng	197733	4	11.45	1305560	20.0
4H-Cyclopenta[def...	12.05	6.3	ng	414428	4	11.45	1305560	20.0
unknown12.53	12.53	3.4	ng	222495	4	11.45	1305560	20.0