LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090895.D
Acq On : 28 Oct 2016 4:19
Operator : UM/SJ
Sample : H5411-04 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

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	4.922	245	248	256	rBV	241606	272683	8.79%	0.699%
2	5.367	284	287	289	rBV	924266	1119437	36.08%	2.869%
3	6.407	376	378	387	rBV	940505	1168832	37.68%	2.996%
4	6.545	387	390	392	rVV	927800	1333300	42.98%	3.417%
5	6.613	393	396	399	rVB2	18855	43266	1.39%	0.111%
6	6.773	408	410	414	rBV	347306	352218	11.35%	0.903%
7	6.933	422	424	426	rBV	852051	1043521	33.64%	2.675%
8	7.333	457	459	462	rBV	540910	646140	20.83%	1.656%
9	7.585	476	481	483	rVB2	21295	40887	1.32%	0.105%
10	8.065	520	523	528	rBV2	408861	593786	19.14%	1.522%
11	8.133	528	529	530	rVV	59996	46410	1.50%	0.119%
12	8.179	530	533	535	rVB3	16177	36379	1.17%	0.093%
13	8.362	545	549	552	rBV4	26581	76724	2.47%	0.197%
14	8.488	558	560	563	rBV2	48239	94996	3.06%	0.243%
15	8.659	573	575	577	rBV	50736	67996	2.19%	0.174%
16	8.773	582	585	587	rVB2	53439	86377	2.78%	0.221%
17	8.876	590	594	597	rBV2	61871	93299	3.01%	0.239%
18	8.945	597	600	601	rBV2	42847	52058	1.68%	0.133%
19	8.990	601	604	605	rVB3	23563	44195	1.42%	0.113%
20	9.093	612	613	615	rVB	98240	68252	2.20%	0.175%
21	9.139	615	617	619	rBV	1677223	1393522	44.92%	3.572%
22	9.231	622	625	627	rBV3	63114	134116	4.32%	0.344%
23	9.345	633	635	636	rVB2	27752	36489	1.18%	0.094%
24	9.413	636	641	643	rBV3	46577	111610	3.60%	0.286%
25	9.471	644	646	648	rBV2	67335	101717	3.28%	0.261%
26	9.539	650	652	654	rBV	422825	509694	16.43%	1.306%
27	9.573	654	655	657	rBV2	27366	37726	1.22%	0.097%
28	9.676	663	664	666	rVB	110121	89266	2.88%	0.229%
29	9.722	666	668	670	rBV2	49328	50927	1.64%	0.131%
30	9.756	670	671	673	rBV	75462	60565	1.95%	0.155%
31	9.813	673	676	678	rBV	576186	580727	18.72%	1.488%
32	9.848	678	679	681	rVV	221631	187783	6.05%	0.481%
33	9.928	684	686	688	rVB	48052	50046	1.61%	0.128%
34	10.019	688	694	696	rBV3	194420	361049	11.64%	0.925%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5411-04 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

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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Peak separation: 5

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

35	10.076	698	699	701	rVB2	59811	67078	2.16%	0.172%
36	10.133	702	704	708	rBV2	38502	73742	2.38%	0.189%
37	10.259	713	715	716	rVB	41454	47864	1.54%	0.123%
38	10.362	722	724	727	rBV	247625	309211	9.97%	0.792%
39	10.476	732	734	736	rVB	174352	169742	5.47%	0.435%
40	10.522	736	738	740	rVB	87413	113210	3.65%	0.290%
41	10.556	740	741	743	rBV2	34473	59281	1.91%	0.152%
42	10.602	743	745	747	rBV	661480	708070	22.82%	1.815%
43	10.739	755	757	761	rVB	203902	299061	9.64%	0.766%
44	10.911	770	772	778	rVB5	62269	155983	5.03%	0.400%
45	11.059	781	785	788	rBV3	103703	230666	7.44%	0.591%
46	11.105	788	789	791	rVB2	82891	84064	2.71%	0.215%
47	11.174	791	795	796	rBV3	83860	191722	6.18%	0.491%
48	11.196	796	797	801	rVB2	164487	246477	7.95%	0.632%
49	11.254	801	802	804	rBV2	36949	60123	1.94%	0.154%
50	11.299	804	806	807	rBV	402160	589432	19.00%	1.511%
51	11.322	807	808	810	rVV	2156150	1683473	54.27%	4.315%
52	11.368	810	812	814	rVV	327365	421042	13.57%	1.079%
53	11.402	814	815	820	rVB3	35908	57569	1.86%	0.148%
54	11.528	824	826	830	rBV3	121409	337071	10.87%	0.864%
55	11.596	830	832	836	rVB3	78587	139439	4.49%	0.357%
56	11.802	848	850	851	rBV	252440	245589	7.92%	0.629%
57	11.825	851	852	855	rVB	339481	314859	10.15%	0.807%
58	11.871	855	856	858	rBV	118264	151024	4.87%	0.387%
59	11.905	858	859	864	rVB	343235	665716	21.46%	1.706%
60	12.008	864	868	871	rBV4	69445	137484	4.43%	0.352%
61	12.099	874	876	880	rVB2	178266	299082	9.64%	0.767%
62	12.248	887	889	890	rVB	83180	77199	2.49%	0.198%
63	12.351	896	898	900	rBV	275936	314353	10.13%	0.806%
64	12.431	904	905	908	rBV2	96572	152910	4.93%	0.392%
65	12.511	910	912	915	rBV	2661748	2561250	82.56%	6.564%
66	12.568	915	917	919	rVB3	61442	116324	3.75%	0.298%
67	12.659	923	925	927	rBV2	73670	99890	3.22%	0.256%
68	12.739	929	932	936	rBV	2608124	3102261	100.00%	7.951%
69	12.888	941	945	948	rBV	1175198	1424379	45.91%	3.651%
70	12.957	948	951	955	rBV4	180438	313738	10.11%	0.804%
71	13.071	957	961	963	rVB	334653	546504	17.62%	1.401%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	13.128	963	966	968	rBV2	254955	422145	13.61%	1.082%
73	13.174	968	970	971	rBV	312441	366651	11.82%	0.940%
74	13.265	976	978	979	rBV	168932	176157	5.68%	0.451%
75	13.288	979	980	982	rVV	126468	155395	5.01%	0.398%
76	13.471	994	996	997	rBV2	147513	163539	5.27%	0.419%
77	13.574	1003	1005	1007	rBV	108686	146850	4.73%	0.376%
78	13.688	1012	1015	1016	rBV2	184757	313181	10.10%	0.803%
79	13.791	1022	1024	1027	rVB2	152142	230878	7.44%	0.592%
80	13.928	1034	1036	1038	rBV2	1387161	1917371	61.81%	4.914%
81	13.962	1038	1039	1043	rVB	1225038	1133394	36.53%	2.905%
82	14.042	1044	1046	1048	rBV	242999	213744	6.89%	0.548%
83	14.328	1069	1071	1072	rVB	219901	211170	6.81%	0.541%
84	14.362	1072	1074	1075	rVV	137402	132897	4.28%	0.341%
85	14.420	1077	1079	1080	rVV2	253168	280422	9.04%	0.719%
86	14.454	1080	1082	1085	rVB3	230964	405344	13.07%	1.039%
87	14.957	1123	1126	1129	rBV	955342	1769218	57.03%	4.534%
88	15.243	1148	1151	1153	rVB	496217	819050	26.40%	2.099%
89	15.300	1153	1156	1158	rBV	763358	1027943	33.14%	2.635%
90	15.357	1158	1161	1162	rBV	222766	372843	12.02%	0.956%
91	16.717	1277	1280	1284	rVB2	293894	581073	18.73%	1.489%
92	17.117	1312	1315	1319	rBV	224506	434459	14.00%	1.114%
93	17.346	1332	1335	1338	rBV	84769	190594	6.14%	0.488%

Sum of corrected areas: 39017193

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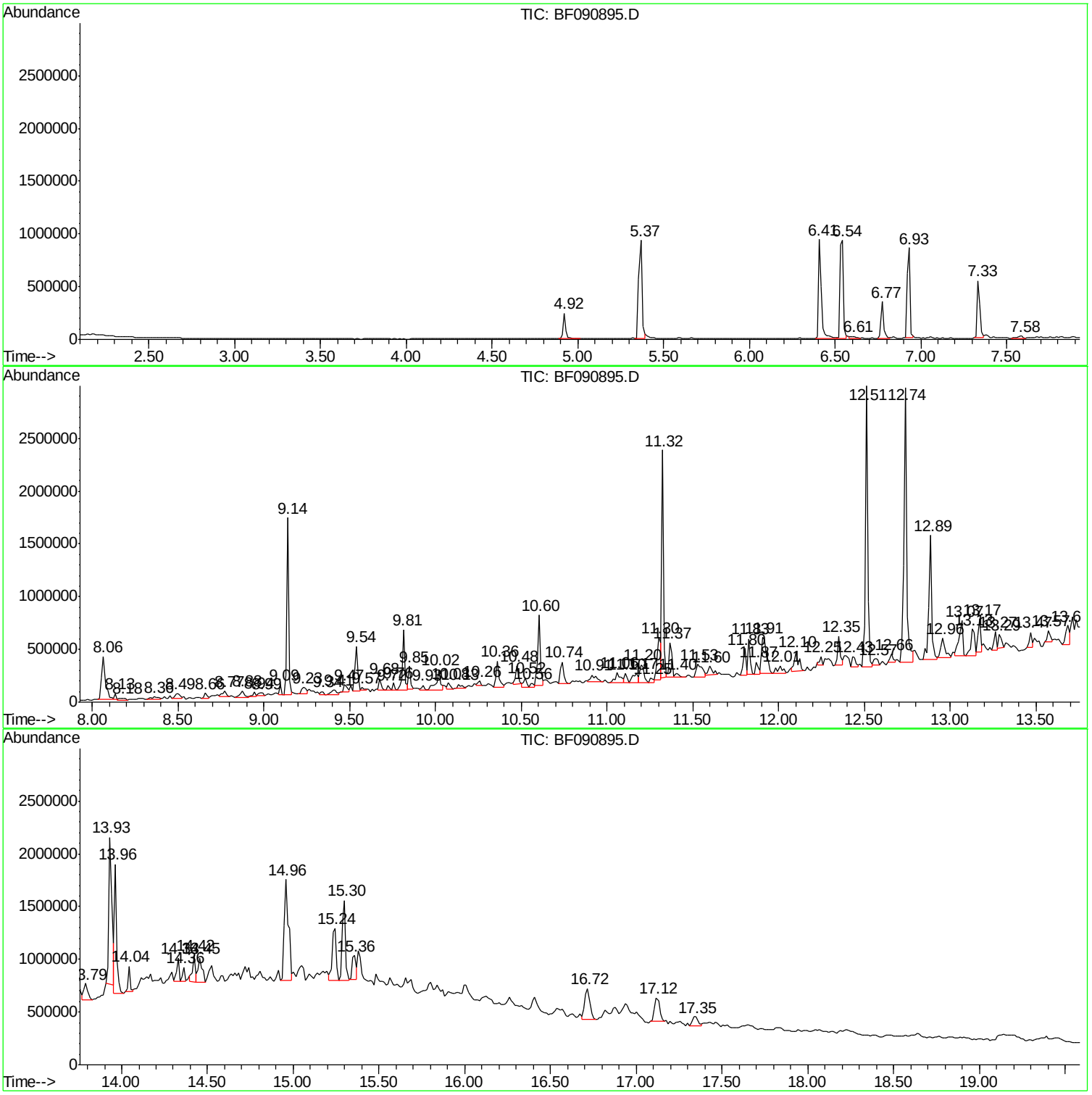
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

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\BF102716\
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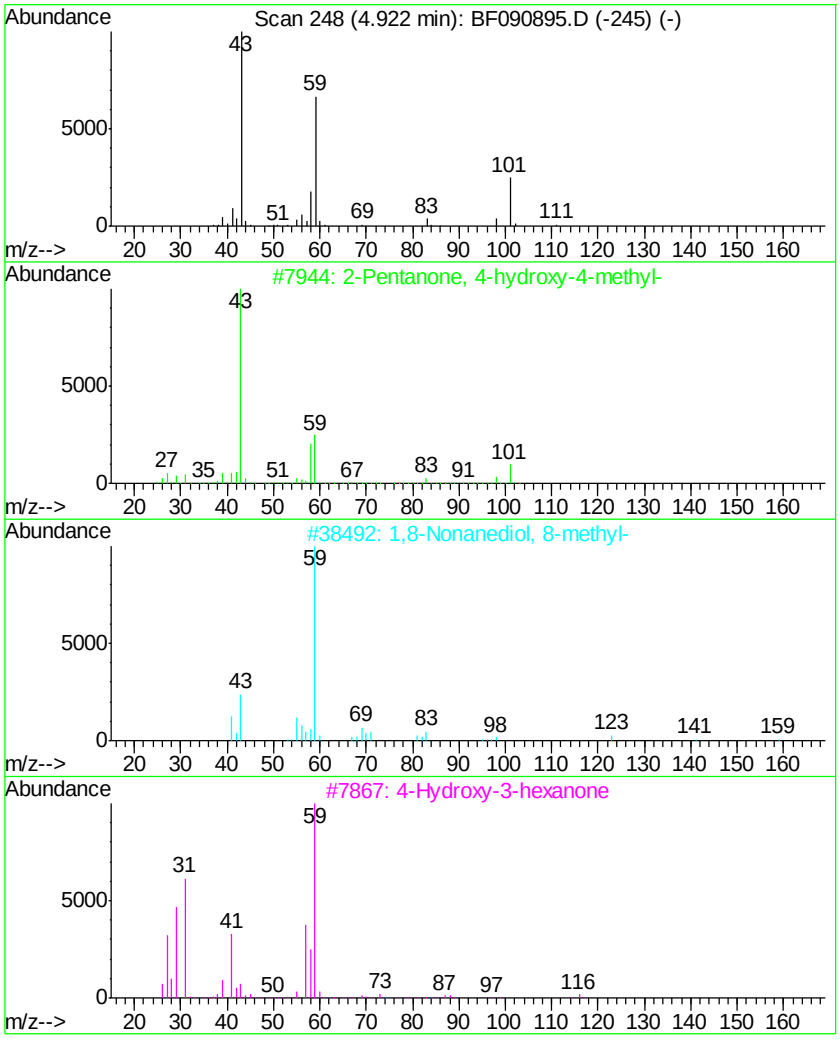
TIC Integration Parameters: LSCINT.P

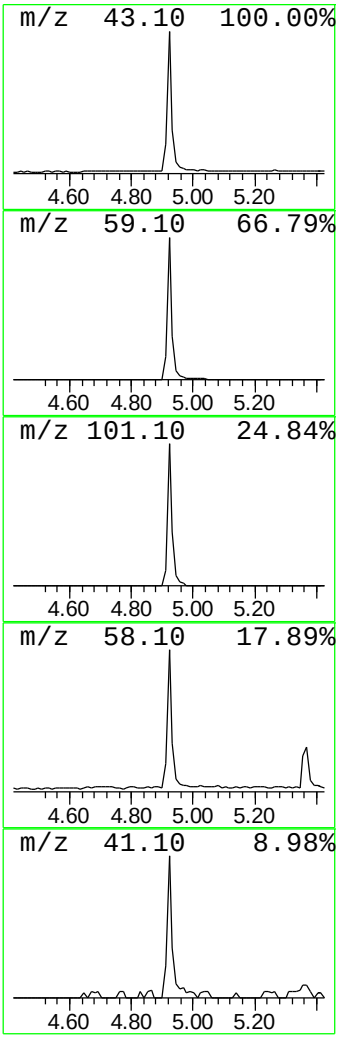
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	15.48 ng	272683	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF090895.D
Acq On : 28 Oct 2016 4:19
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Sample : H5411-04 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

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

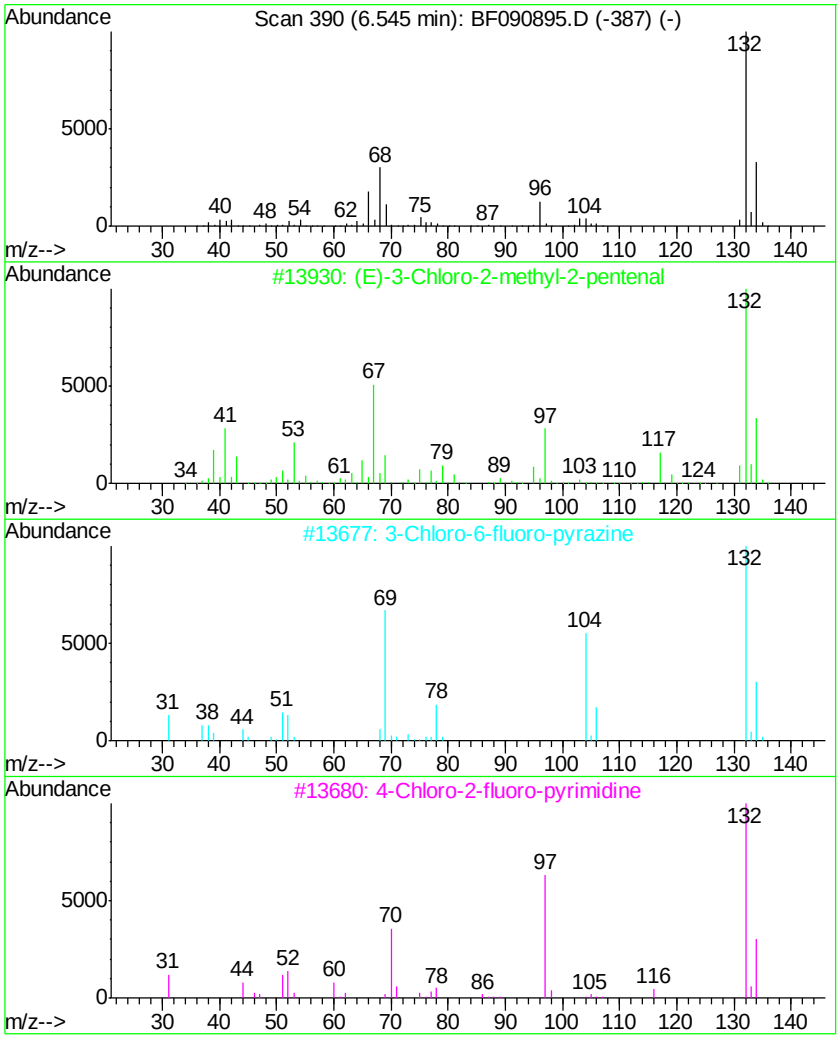
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

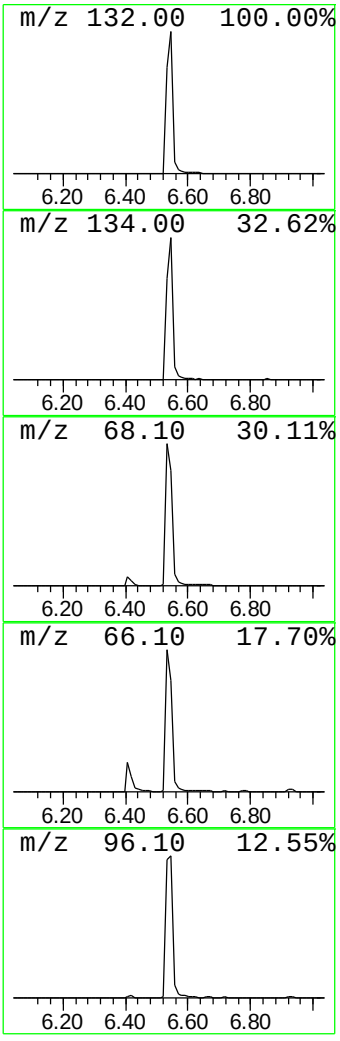
****

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	75.71 ng	1333300	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	47
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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TIC Library : C:\DATABASE\NIST02.L
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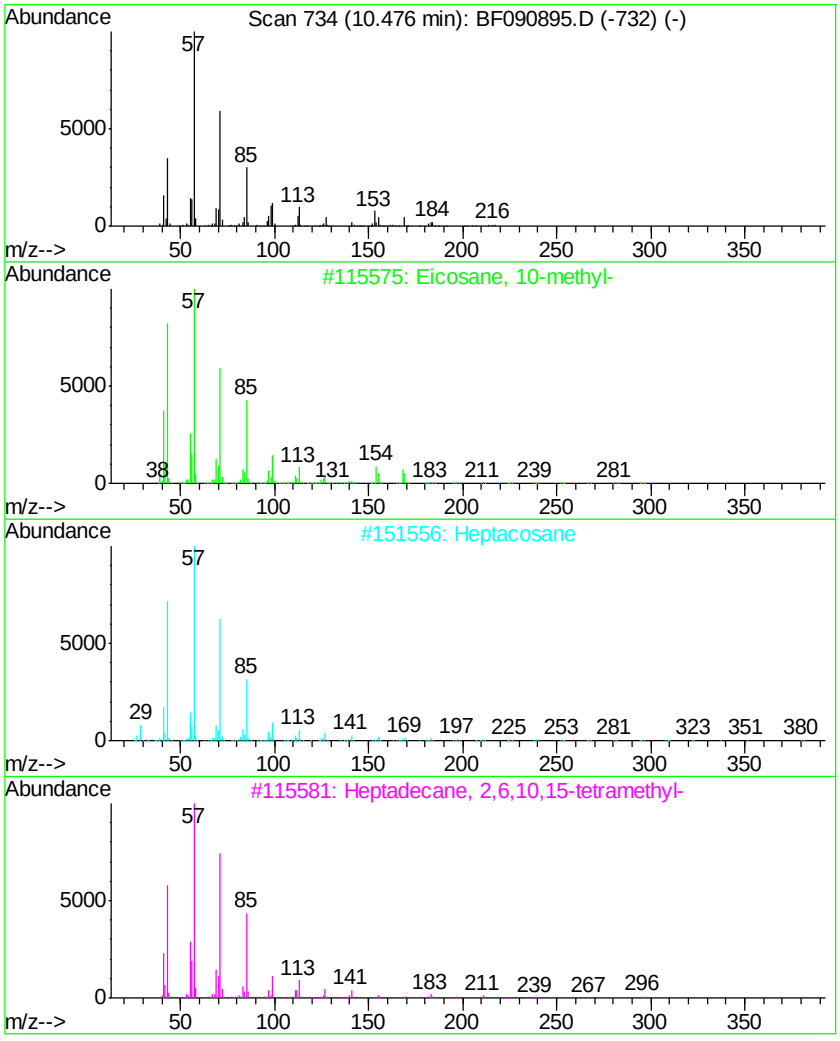
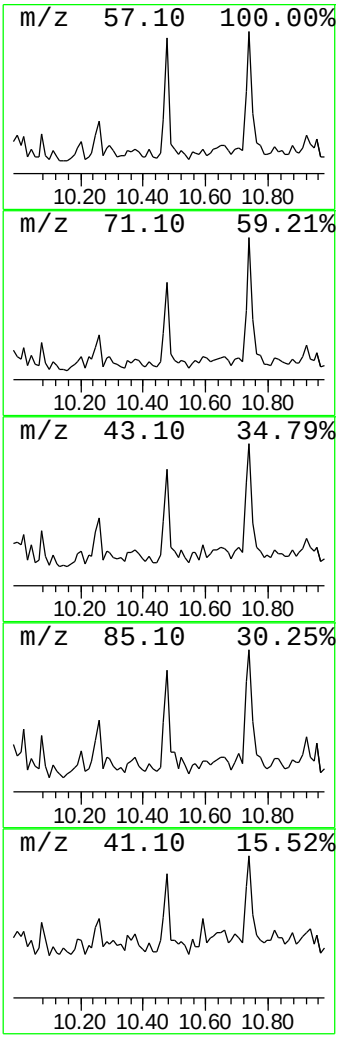
Peak Number 4 Eicosane, 10-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	5.85 ng	169742	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
2	Heptacosane	380	C27H56	000593-49-7	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Tridecane	184	C13H28	000629-50-5	70





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Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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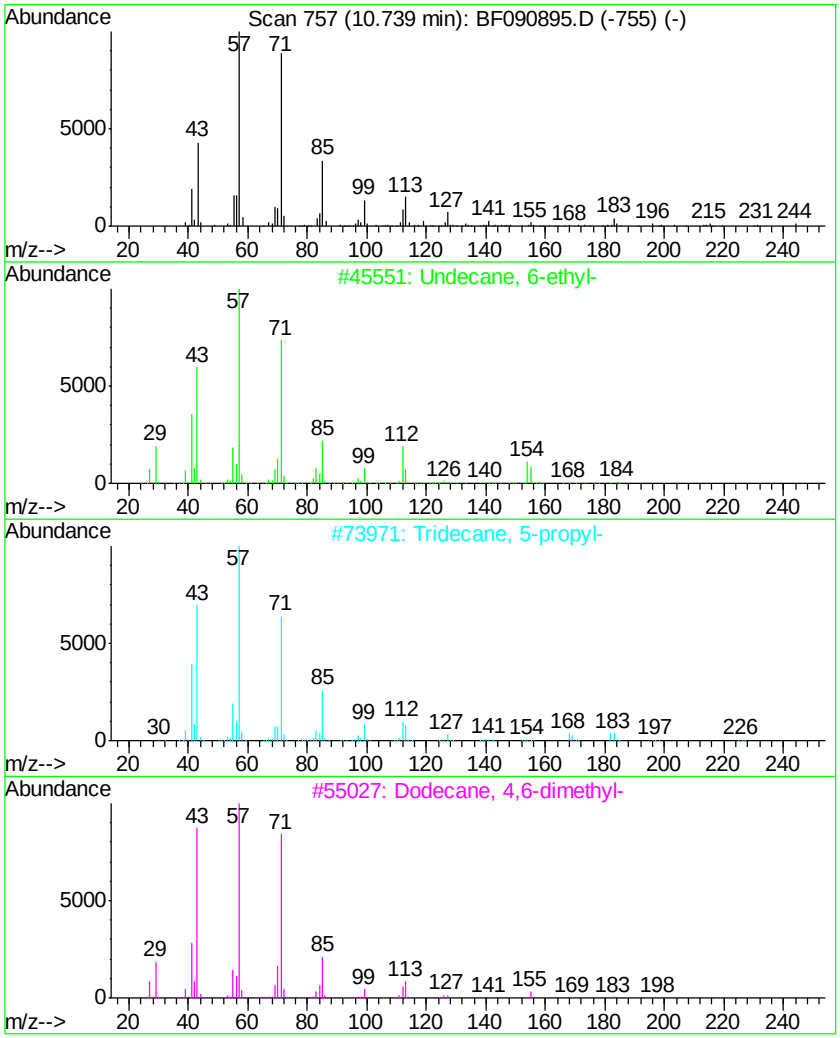
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

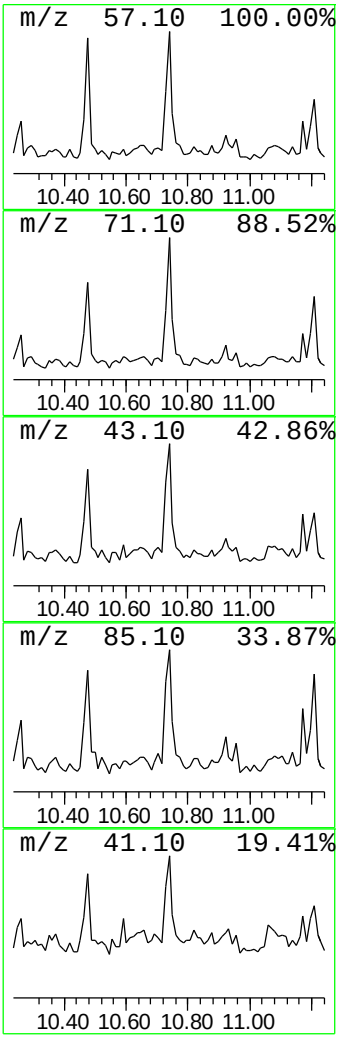
****

Peak Number 5 Undecane, 6-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	10.15 ng	299061	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

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

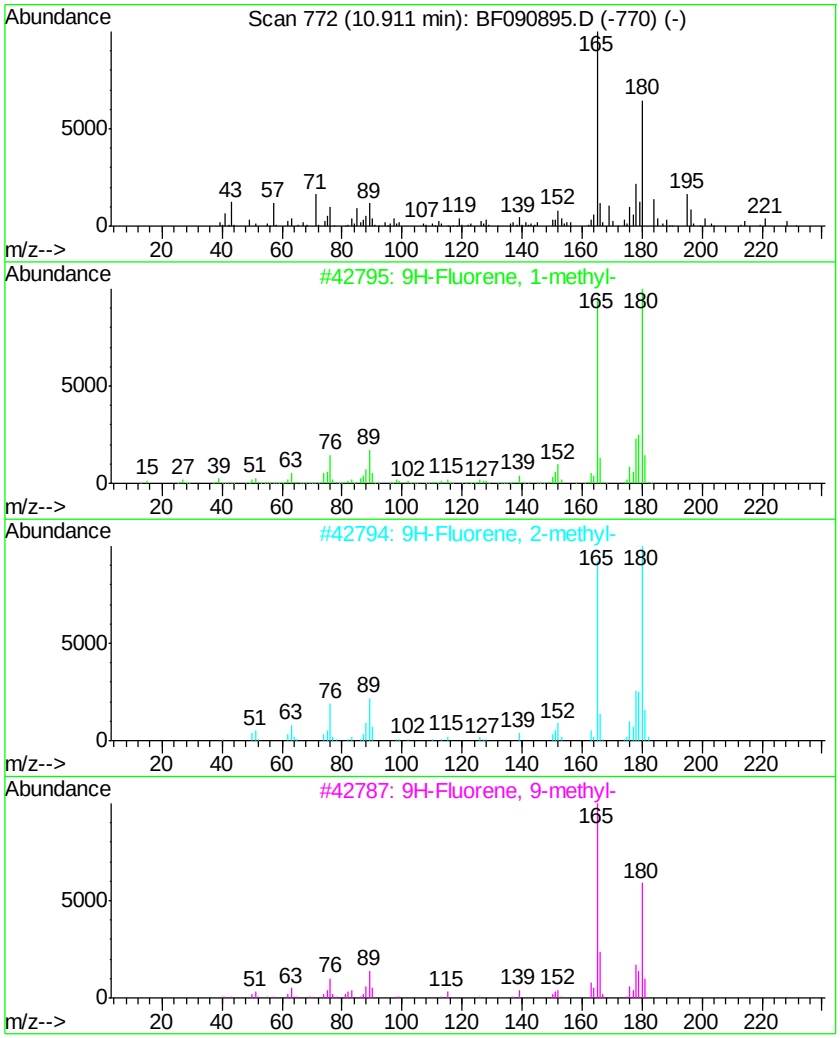
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

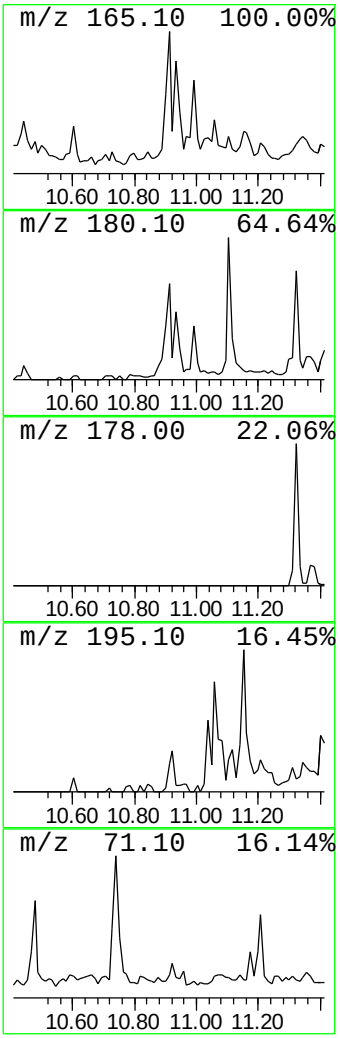
****

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	5.29 ng	155983	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
4	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	52
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	49





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

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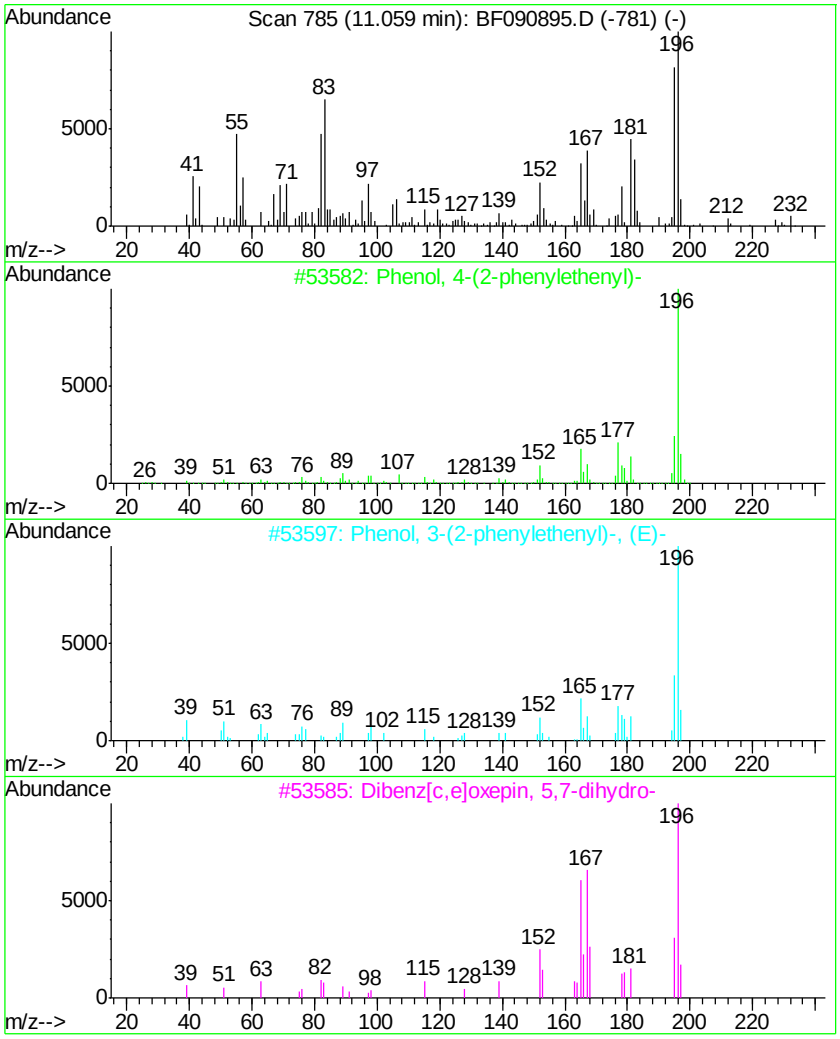
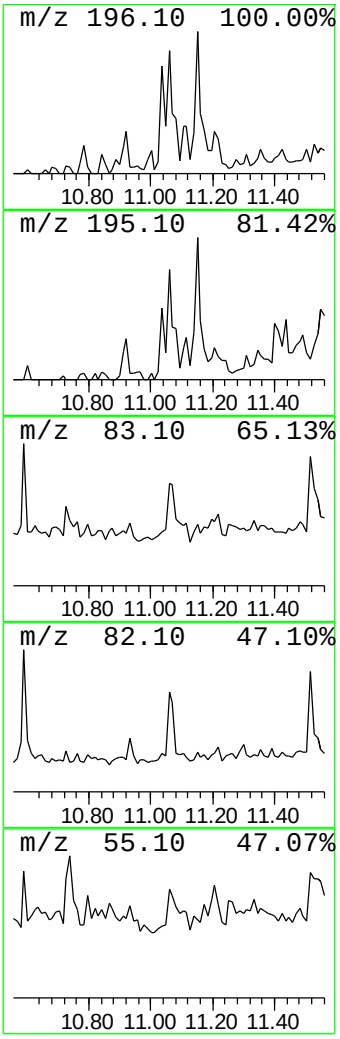
****

Peak Number 7 unknown11.06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	7.83 ng	230666	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	45
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	41
3	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	41
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	38
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	35





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Acq On : 28 Oct 2016 4:19
Operator : UM/SJ
Sample : H5411-04 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

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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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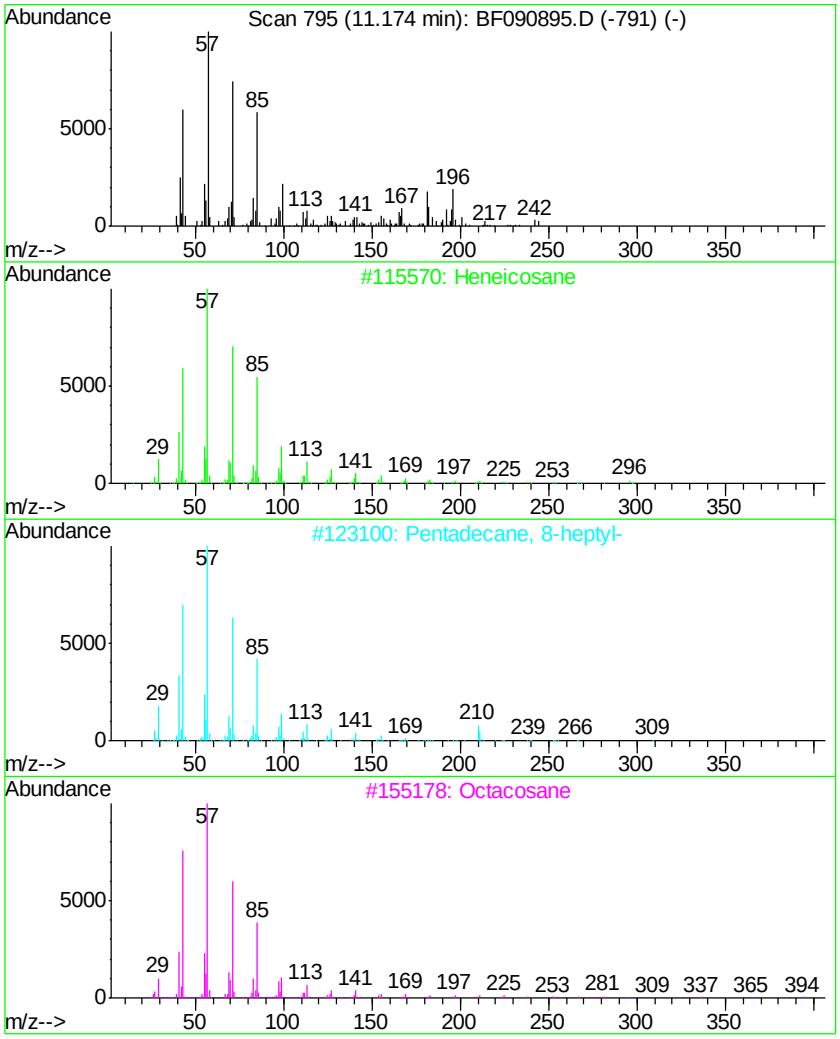
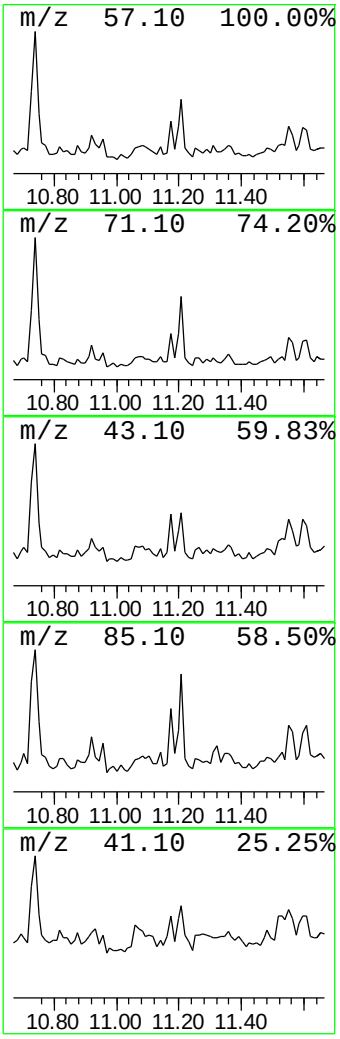
Peak Number 8 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	6.51 ng	191722	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	68
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	59
3	Octacosane	394	C28H58	000630-02-4	58
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
5	Eicosane	282	C20H42	000112-95-8	53





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

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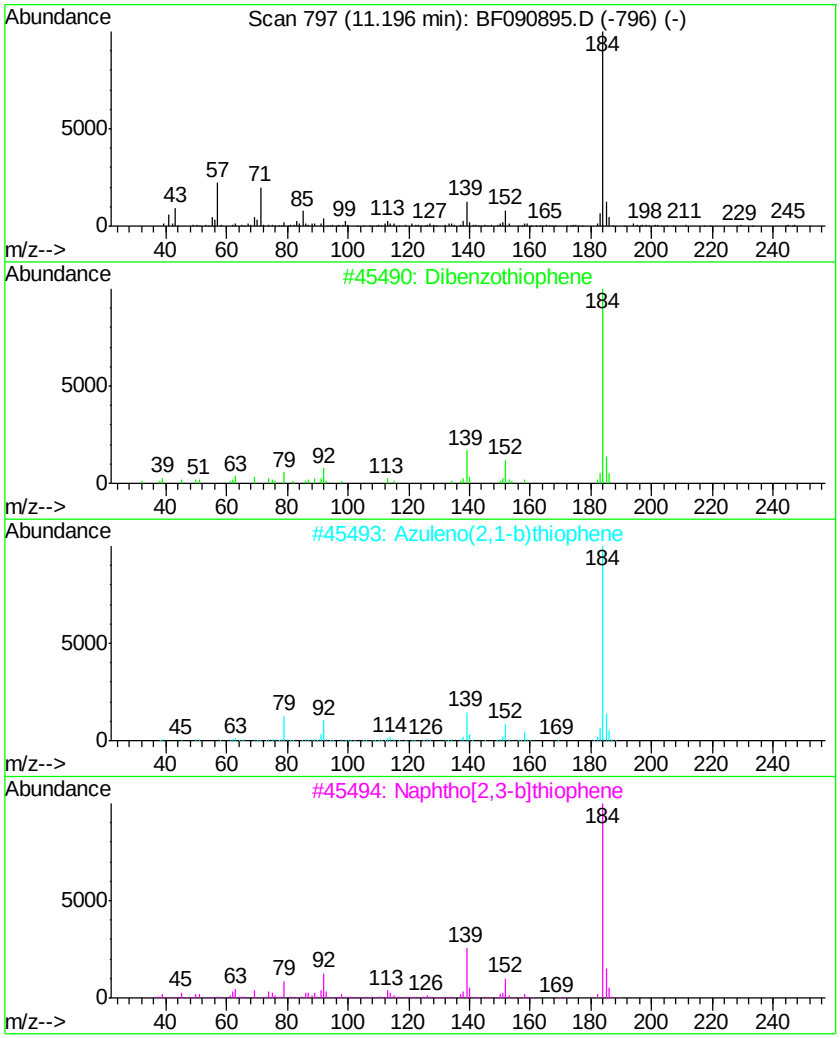
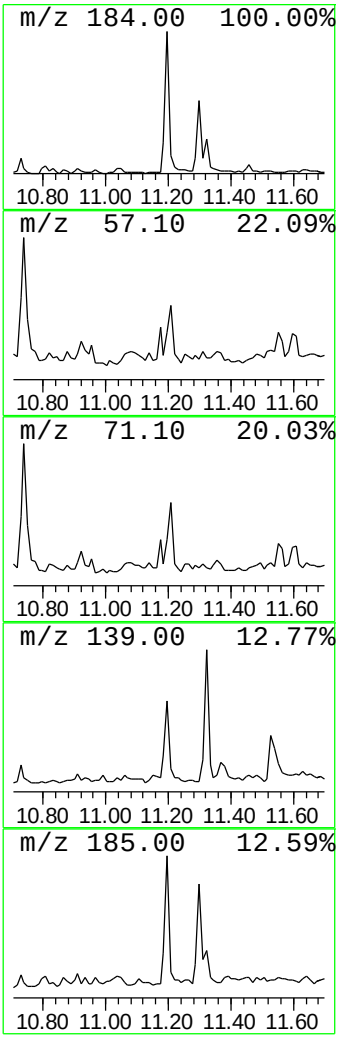
Peak Number 9 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	8.36 ng	246477	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	59
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	58





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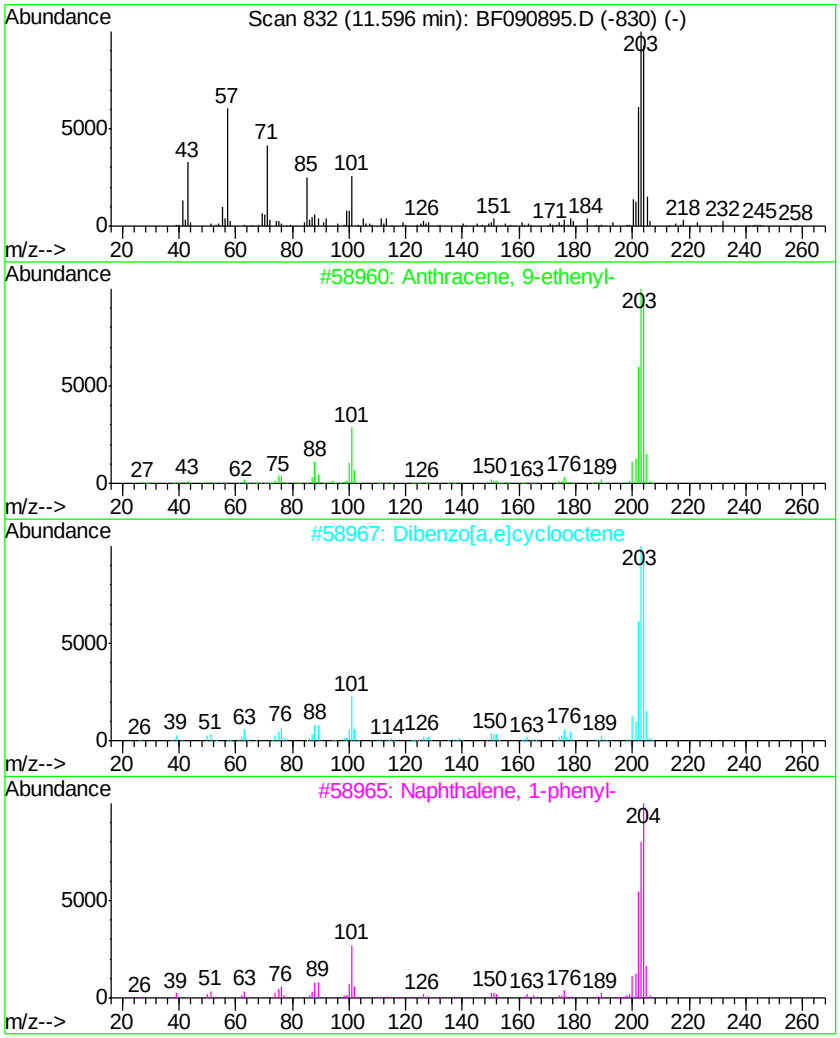
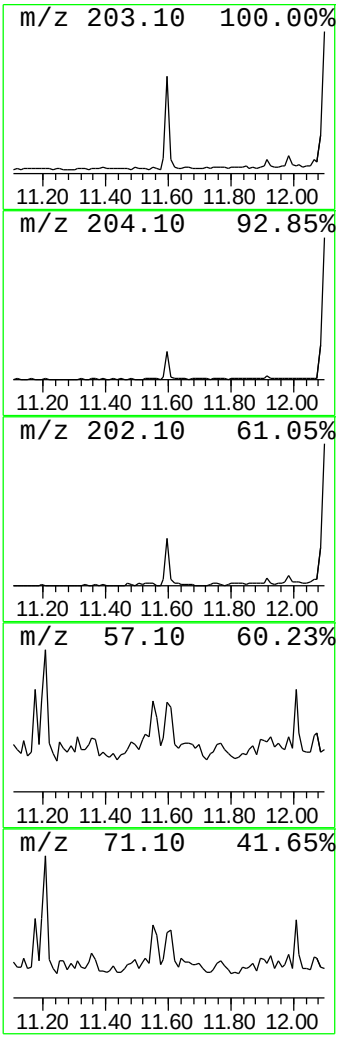
Peak Number 10 Anthracene, 9-ethenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.73 ng	139439	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	60
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	53
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	53
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47





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Misc :
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ClientSampleId : SB-02-0-2.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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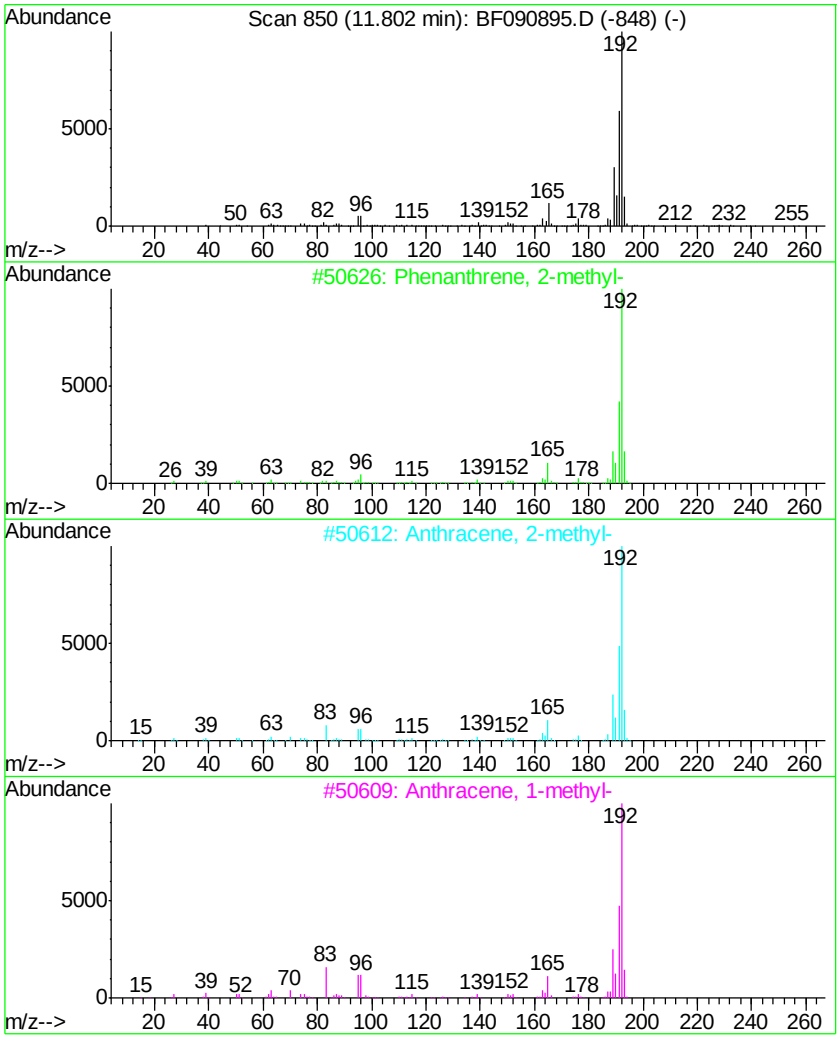
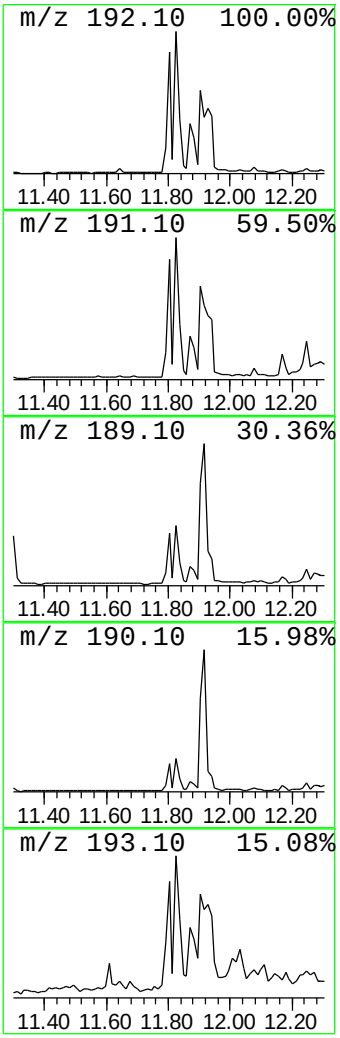
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.33 ng	245589	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : H5411-04 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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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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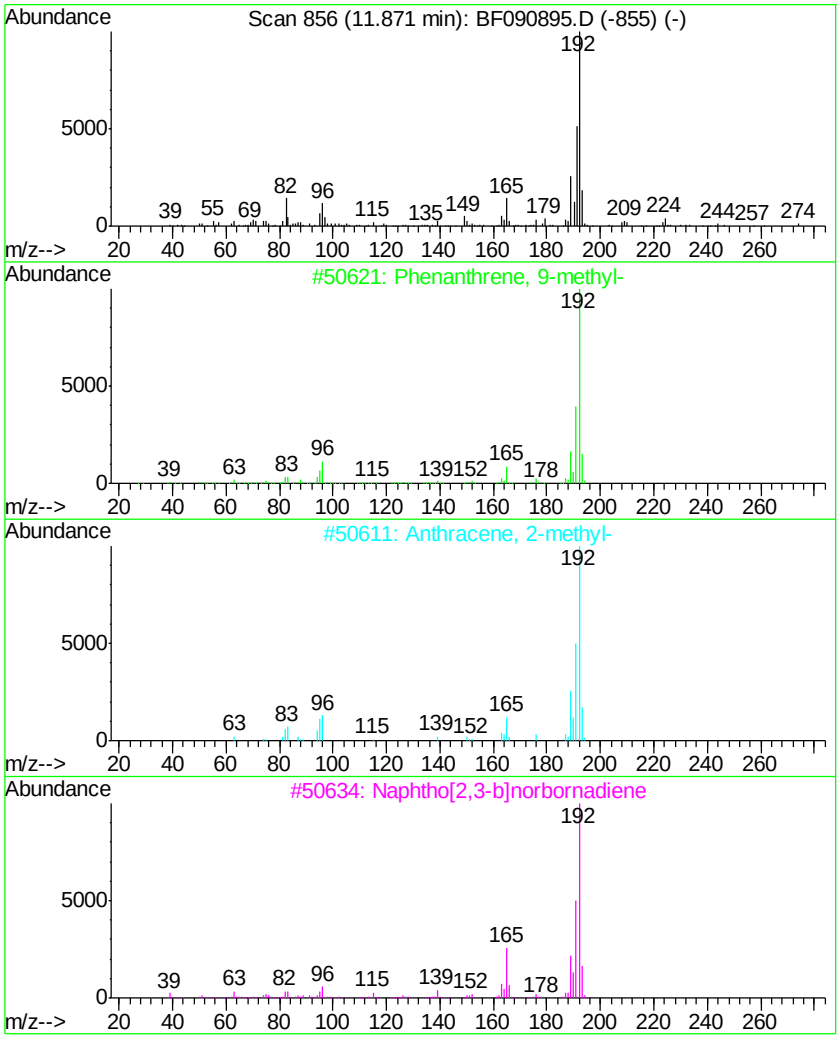
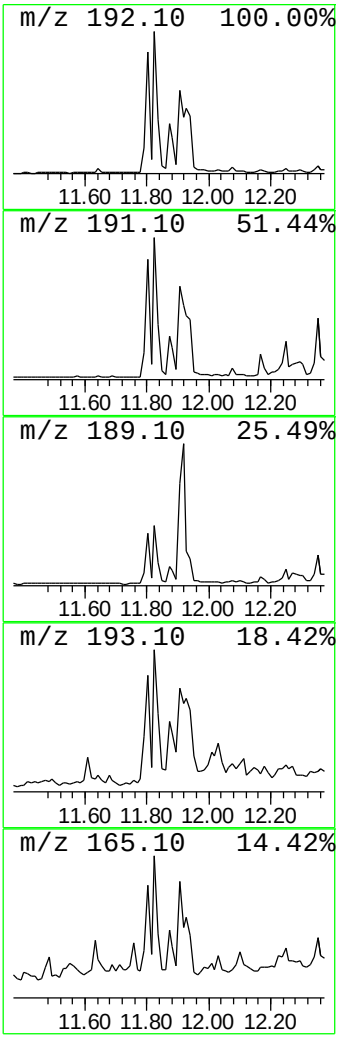
Peak Number 13 Phenanthrene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.12 ng	151024	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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ClientSampleId : SB-02-0-2.0

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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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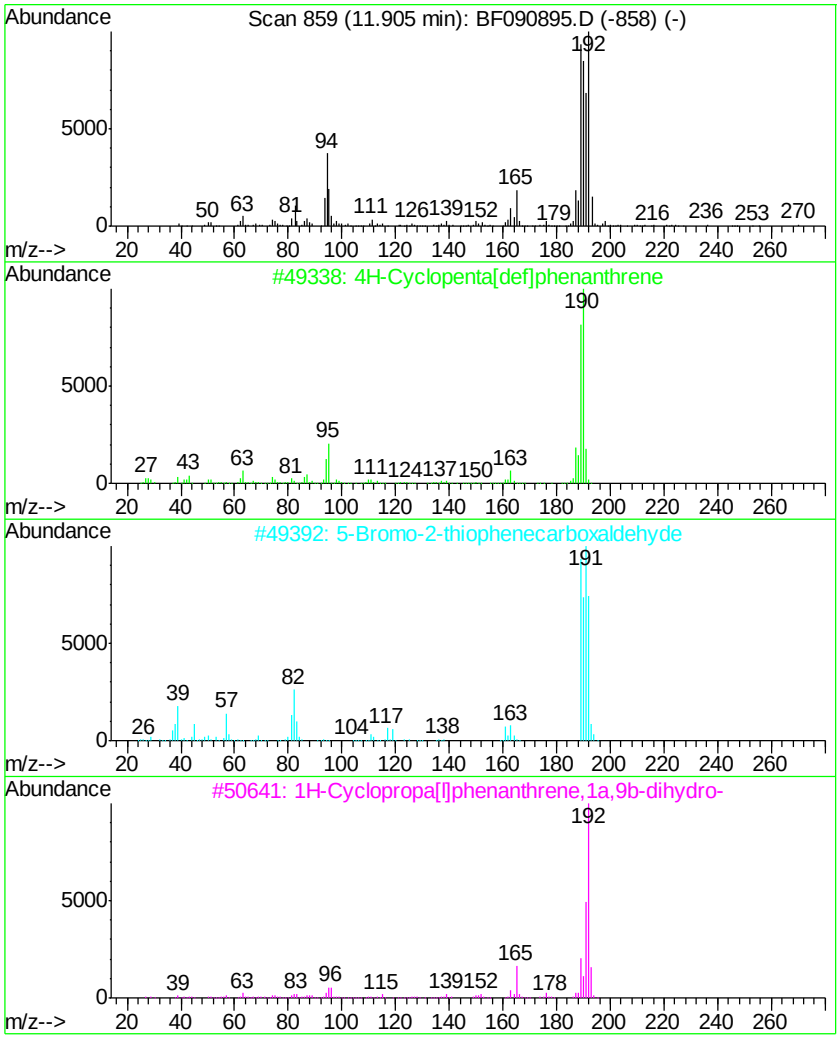
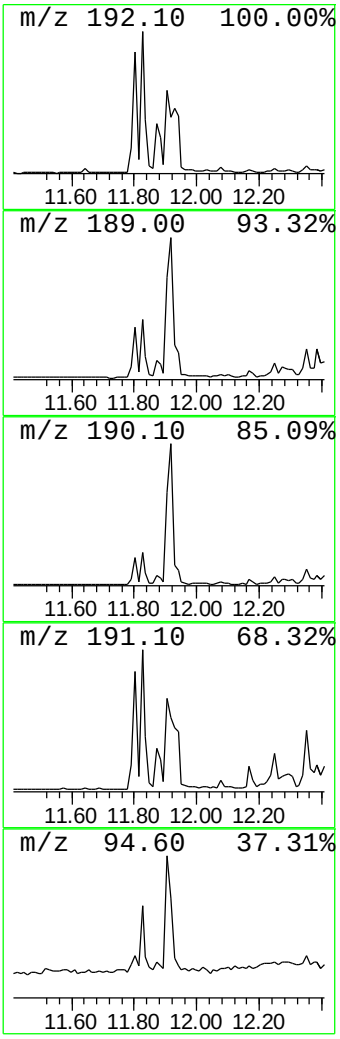
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	22.59 ng	665716	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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ClientSampleId : SB-02-0-2.0

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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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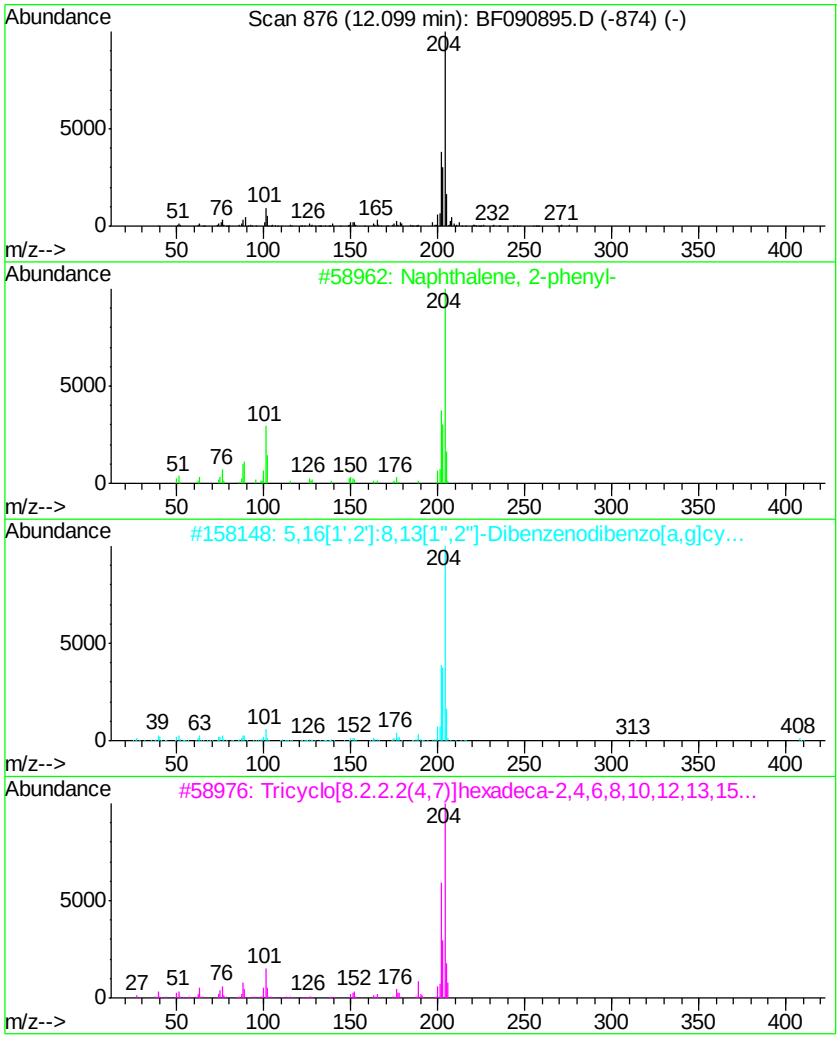
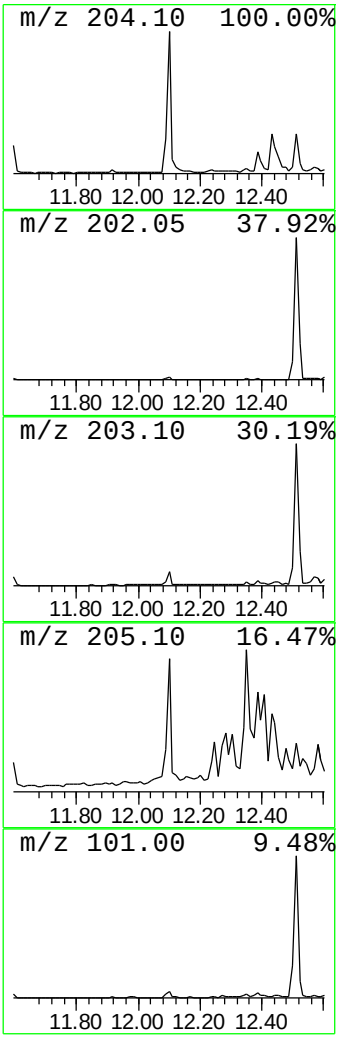
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	10.15 ng	299082	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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Misc :
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ClientSampleId : SB-02-0-2.0

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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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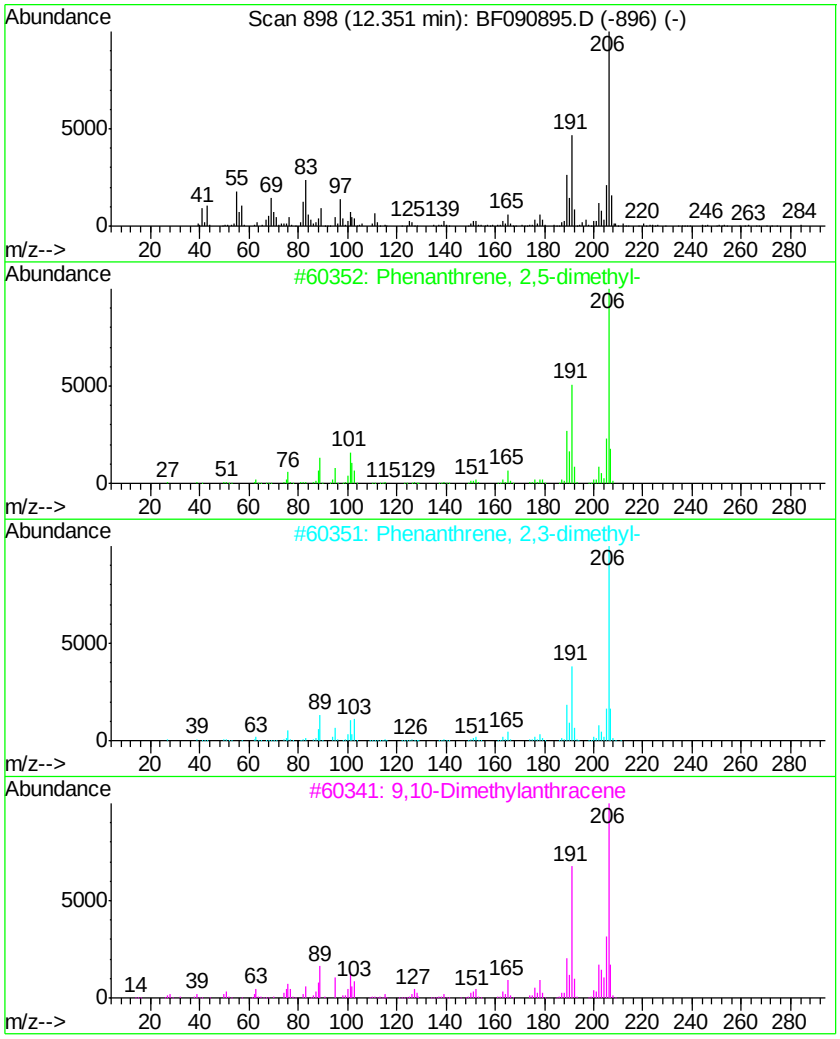
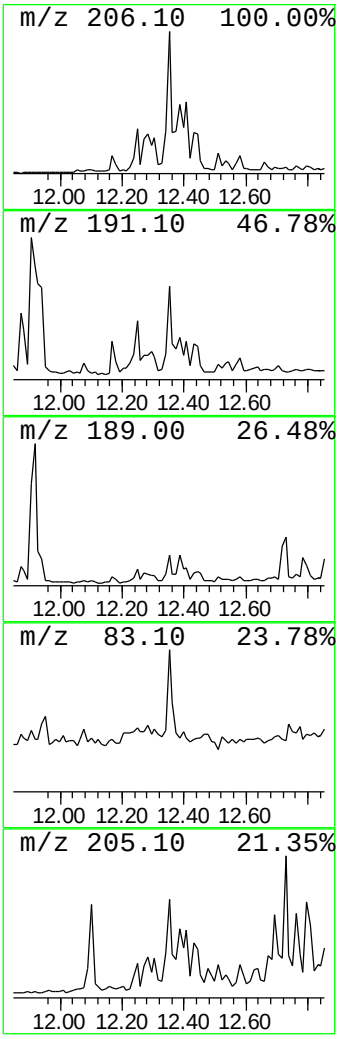
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	10.67 ng	314353	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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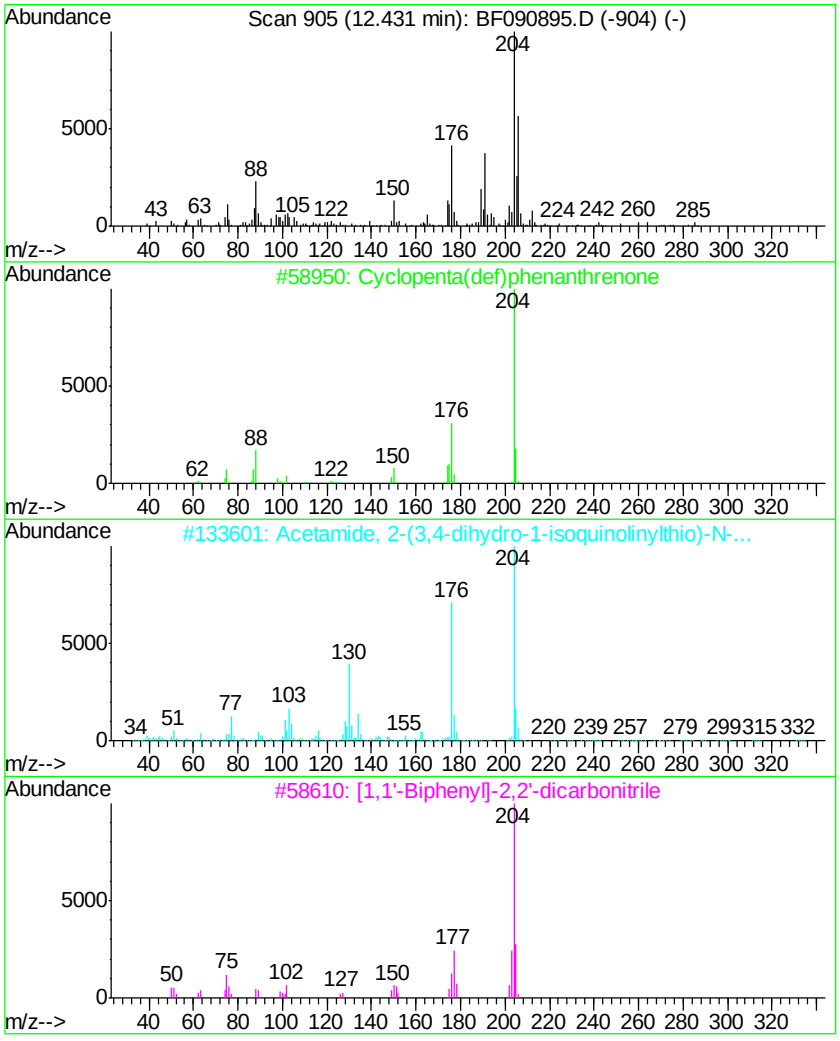
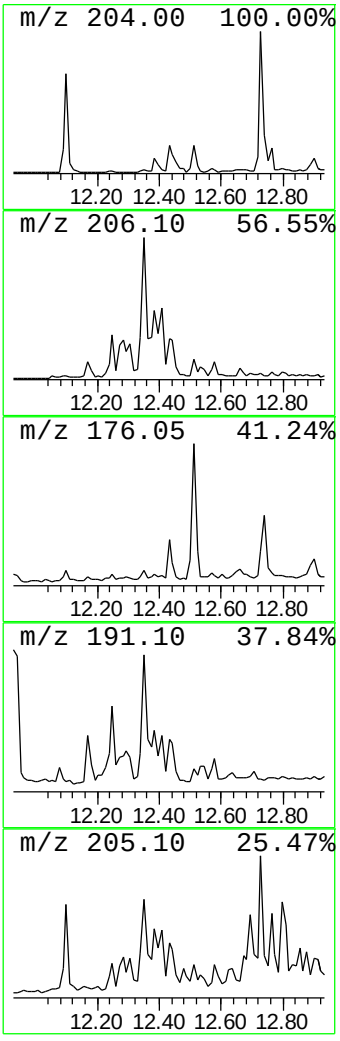
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	5.19 ng	152910	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	43
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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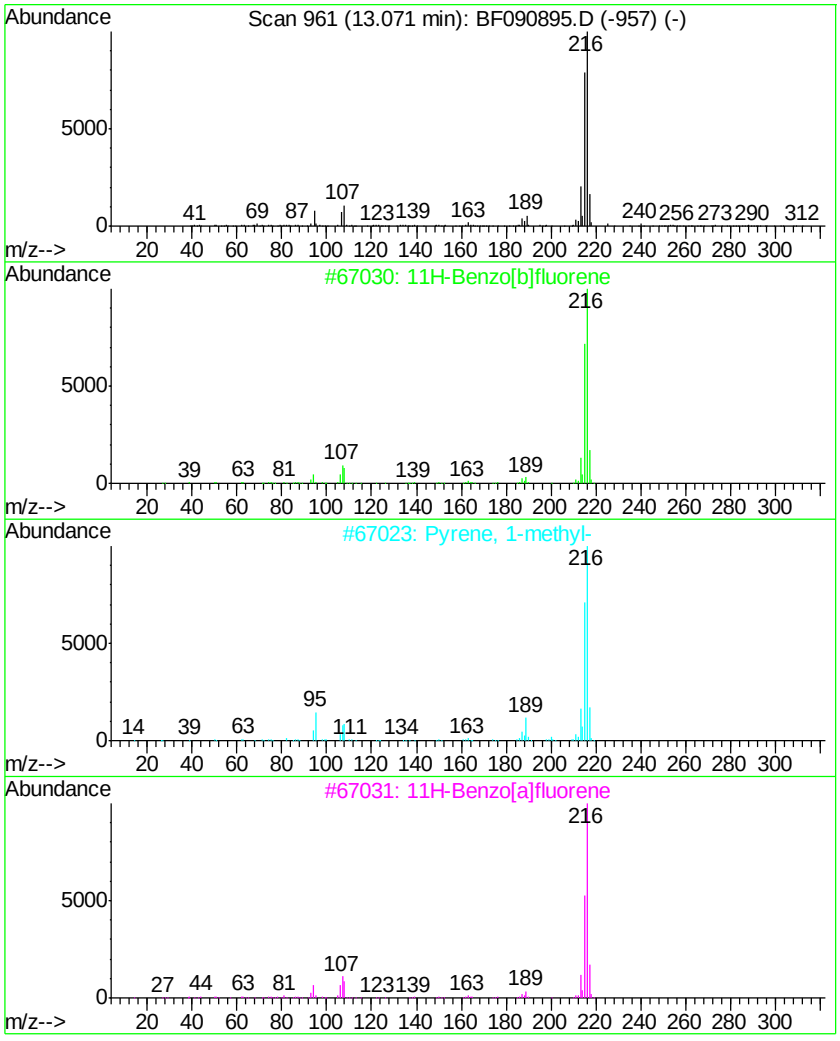
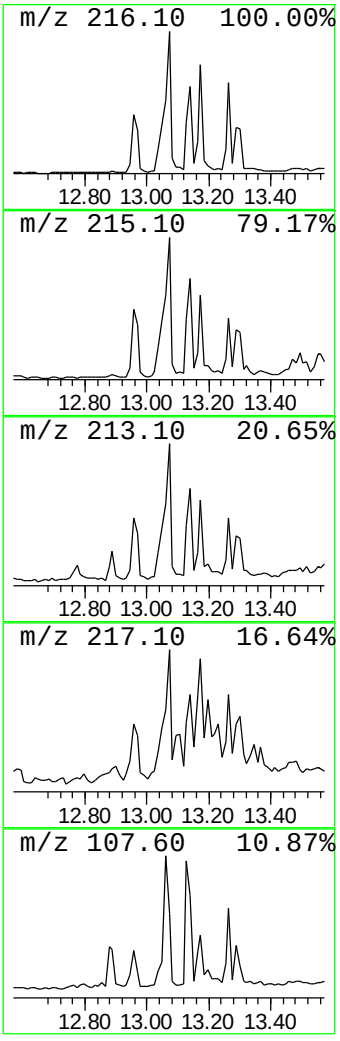
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	5.70 ng	546504	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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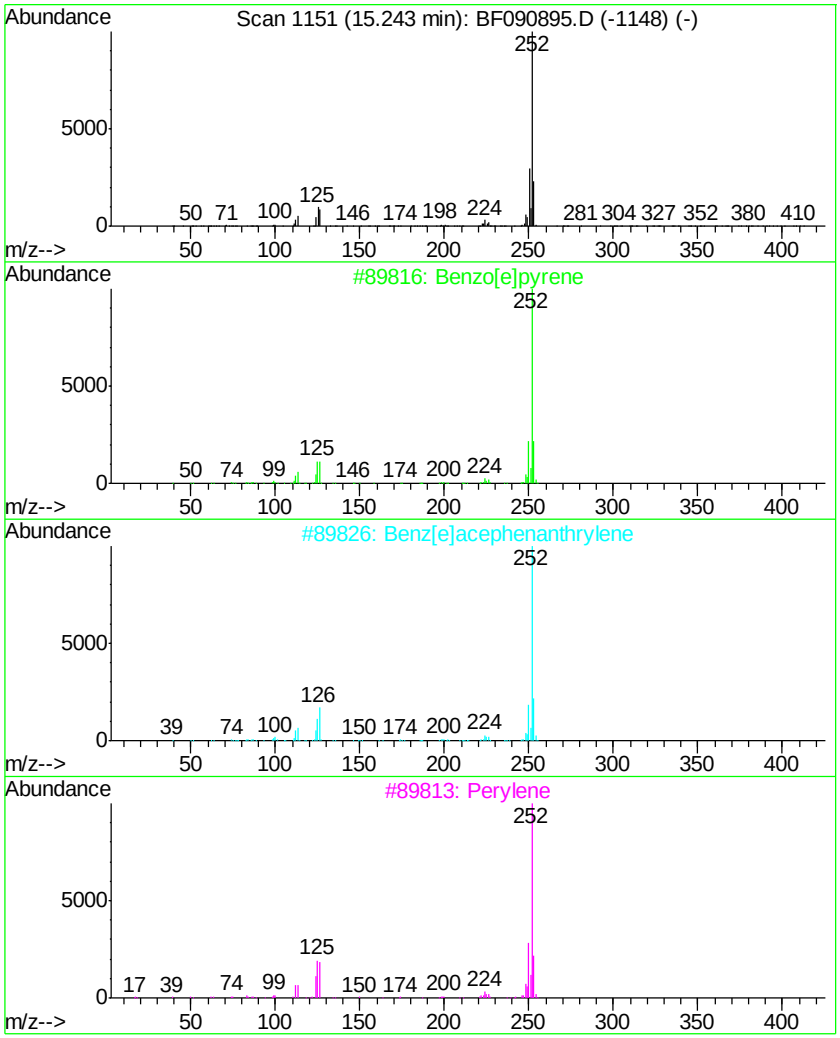
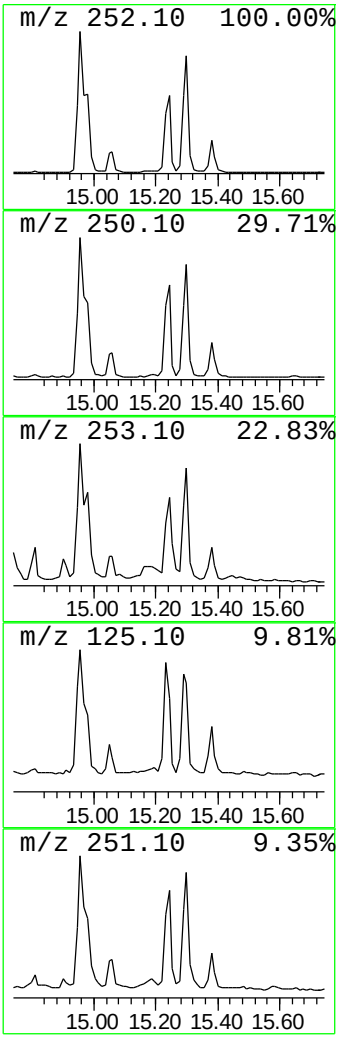
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	43.94 ng	819050	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Perylene	252	C20H12	000198-55-0	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090895.D
Acq On : 28 Oct 2016 4:19
Operator : UM/SJ
Sample : H5411-04 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-0-2.0

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...	4.92	15.5	ng	272683	1	6.77	352218	20.0
unknown6.54	6.54	75.7	ng	1333300	1	6.77	352218	20.0
Eicosane, 10-methyl-	10.48	5.8	ng	169742	3	9.81	580727	20.0
Undecane, 6-ethyl-	10.74	10.2	ng	299061	4	11.30	589432	20.0
9H-Fluorene, 1-me...	10.91	5.3	ng	155983	4	11.30	589432	20.0
unknown11.06	11.06	7.8	ng	230666	4	11.30	589432	20.0
Heneicosane	11.17	6.5	ng	191722	4	11.30	589432	20.0
Dibenzothiophene	11.20	8.4	ng	246477	4	11.30	589432	20.0
Anthracene, 9-eth...	11.60	4.7	ng	139439	4	11.30	589432	20.0
Phenanthrene, 2-m...	11.80	8.3	ng	245589	4	11.30	589432	20.0
Phenanthrene, 9-m...	11.87	5.1	ng	151024	4	11.30	589432	20.0
4H-Cyclopenta[def...	11.91	22.6	ng	665716	4	11.30	589432	20.0
Naphthalene, 2-ph...	12.10	10.2	ng	299082	4	11.30	589432	20.0
Phenanthrene, 2,5...	12.35	10.7	ng	314353	4	11.30	589432	20.0
Cyclopenta(def)ph...	12.43	5.2	ng	152910	4	11.30	589432	20.0
11H-Benzo[b]fluorene	13.07	5.7	ng	546504	5	13.94	1917370	20.0
Benzo[e]pyrene	15.24	43.9	ng	819050	6	15.36	372843	20.0