LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090687.D
Acq On : 20 Oct 2016 17:32
Operator : UM/SJ
Sample : H5318-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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-BF101316.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	5.057	236	238	245	rBV	846010	1121083	24.25%	1.469%
2	5.286	256	258	261	rVB	57796	52875	1.14%	0.069%
3	5.480	273	275	278	rBV	3261457	4179415	90.40%	5.476%
4	6.520	363	366	368	rBV	4151326	4623241	100.00%	6.058%
5	6.646	375	377	380	rBV	4174950	4356463	94.23%	5.708%
6	6.875	395	397	400	rBV	713752	962552	20.82%	1.261%
7	6.943	402	403	409	rVB	130447	175882	3.80%	0.230%
8	7.035	409	411	414	rBV	3829740	3421363	74.00%	4.483%
9	7.446	444	447	449	rBV	2827673	2883250	62.36%	3.778%
10	7.537	453	455	463	rVB2	46055	112936	2.44%	0.148%
11	8.166	507	510	512	rBV	1571685	1391569	30.10%	1.823%
12	9.241	602	604	607	rBV	4130069	4600141	99.50%	6.027%
13	9.320	610	611	616	rVB	25373	55241	1.19%	0.072%
14	9.583	631	634	637	rBV	27907	52898	1.14%	0.069%
15	9.641	637	639	641	rBV	679071	663955	14.36%	0.870%
16	9.778	649	651	654	rVB	45890	47040	1.02%	0.062%
17	9.858	654	658	660	rVB	61836	59564	1.29%	0.078%
18	9.926	661	664	665	rVV	1010095	1265639	27.38%	1.658%
19	9.949	665	666	668	rVB	49096	52534	1.14%	0.069%
20	10.121	679	681	684	rBV4	40290	62677	1.36%	0.082%
21	10.349	697	701	703	rBV3	76770	151013	3.27%	0.198%
22	10.578	718	721	724	rVV2	59669	93355	2.02%	0.122%
23	10.715	730	733	735	rBV	1946326	2350800	50.85%	3.080%
24	10.829	741	743	747	rVB2	205382	278928	6.03%	0.365%
25	10.921	749	751	754	rBV	306057	328813	7.11%	0.431%
26	11.024	754	760	761	rBV4	56252	79892	1.73%	0.105%
27	11.275	779	782	783	rBV	165693	187256	4.05%	0.245%
28	11.309	783	785	788	rVB	89099	121145	2.62%	0.159%
29	11.412	791	794	795	rBV	849952	1245348	26.94%	1.632%
30	11.435	795	796	798	rVV	900400	688062	14.88%	0.902%
31	11.481	798	800	802	rVB	152842	153208	3.31%	0.201%
32	11.664	812	816	818	rBV3	35568	95440	2.06%	0.125%
33	11.709	818	820	821	rVB	99908	116246	2.51%	0.152%
34	11.744	821	823	827	rVB2	83708	118258	2.56%	0.155%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : FD-1

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.824	828	830	832	rVB	62156	61187	1.32%	0.080%
36	11.869	832	834	835	rBV	38364	55295	1.20%	0.072%
37	11.915	835	838	839	rBV	339623	474492	10.26%	0.622%
38	11.938	839	840	842	rVB	613063	478763	10.36%	0.627%
39	11.972	842	843	845	rBV2	134923	189738	4.10%	0.249%
40	12.018	845	847	852	rVB	617005	1069217	23.13%	1.401%
41	12.109	852	855	857	rBV2	141409	199998	4.33%	0.262%
42	12.144	857	858	859	rVB	95660	65575	1.42%	0.086%
43	12.201	859	863	869	rBV3	194224	533126	11.53%	0.699%
44	12.281	869	870	872	rBV	102069	96572	2.09%	0.127%
45	12.361	874	877	878	rBV2	142958	260568	5.64%	0.341%
46	12.384	878	879	883	rVB2	171590	290043	6.27%	0.380%
47	12.464	883	886	887	rBV	621217	675724	14.62%	0.885%
48	12.498	887	889	892	rVB	389176	541489	11.71%	0.710%
49	12.544	892	893	896	rBV2	290193	358342	7.75%	0.470%
50	12.624	898	900	902	rBV	2198320	1886559	40.81%	2.472%
51	12.669	902	904	907	rVB2	100613	171359	3.71%	0.225%
52	12.784	909	914	915	rBV4	84639	181933	3.94%	0.238%
53	12.852	917	920	923	rBV	2992556	3250270	70.30%	4.259%
54	12.909	923	925	927	rVB	205578	284780	6.16%	0.373%
55	12.967	928	930	931	rBV	90083	108207	2.34%	0.142%
56	13.001	931	933	935	rBV	3578344	3745834	81.02%	4.908%
57	13.069	937	939	943	rBV3	440350	723300	15.64%	0.948%
58	13.161	943	947	950	rBV3	395915	988913	21.39%	1.296%
59	13.229	950	953	956	rBV4	188614	376873	8.15%	0.494%
60	13.287	956	958	959	rBV	657751	673682	14.57%	0.883%
61	13.378	964	966	967	rVV	599115	561497	12.15%	0.736%
62	13.412	967	969	970	rVV	461018	571600	12.36%	0.749%
63	13.447	970	972	973	rVB2	74914	108042	2.34%	0.142%
64	13.572	981	983	987	rBV3	137307	233451	5.05%	0.306%
65	13.687	991	993	996	rBV	474091	471389	10.20%	0.618%
66	13.801	1000	1003	1004	rBV3	432646	868294	18.78%	1.138%
67	13.892	1010	1011	1013	rVB	429469	492767	10.66%	0.646%
68	14.041	1021	1024	1026	rBV2	2017536	3640987	78.75%	4.771%
69	14.075	1026	1027	1031	rVB	1617546	2202728	47.64%	2.886%
70	14.212	1037	1039	1044	rVB4	188917	348444	7.54%	0.457%
71	14.372	1051	1053	1054	rBV2	107562	108806	2.35%	0.143%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5318-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.441	1054	1059	1060	rVV	867210	1209859	26.17%	1.585%
73	14.475	1060	1062	1063	rVV	541854	595013	12.87%	0.780%
74	14.521	1063	1066	1068	rVV3	304453	700699	15.16%	0.918%
75	14.567	1068	1070	1073	rVV2	360796	546024	11.81%	0.715%
76	14.635	1074	1076	1079	rVB2	177267	232002	5.02%	0.304%
77	14.910	1098	1100	1106	rBV4	113961	330343	7.15%	0.433%
78	15.092	1113	1116	1120	rBV	1224905	2714861	58.72%	3.557%
79	15.378	1139	1141	1144	rVB	801459	1115906	24.14%	1.462%
80	15.447	1144	1147	1149	rBV	950839	1270504	27.48%	1.665%
81	15.504	1149	1152	1153	rBV	608890	751083	16.25%	0.984%
82	15.813	1177	1179	1181	rBV	94358	142528	3.08%	0.187%
83	15.961	1189	1192	1195	rBV	683604	1125300	24.34%	1.474%
84	16.601	1246	1248	1256	rVB4	126910	405684	8.77%	0.532%
85	16.933	1273	1277	1282	rVV2	343527	721366	15.60%	0.945%
86	17.024	1282	1285	1289	rVB2	108078	227436	4.92%	0.298%
87	17.356	1311	1314	1323	rVB	307179	732941	15.85%	0.960%

Sum of corrected areas: 76319475

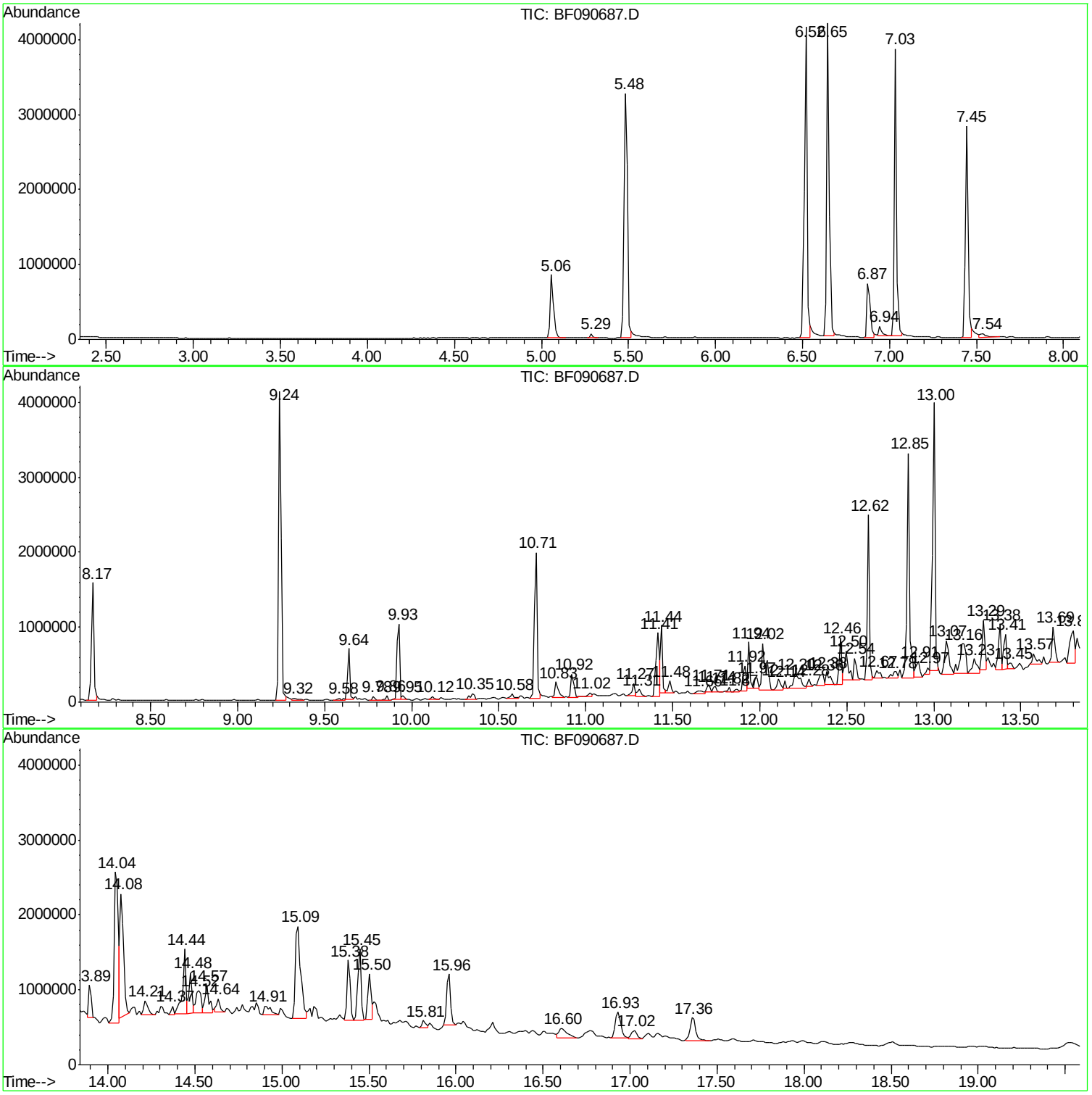
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090687.D
Acq On : 20 Oct 2016 17:32
Operator : UM/SJ
Sample : H5318-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090687.D
Acq On : 20 Oct 2016 17:32
Operator : UM/SJ
Sample : H5318-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

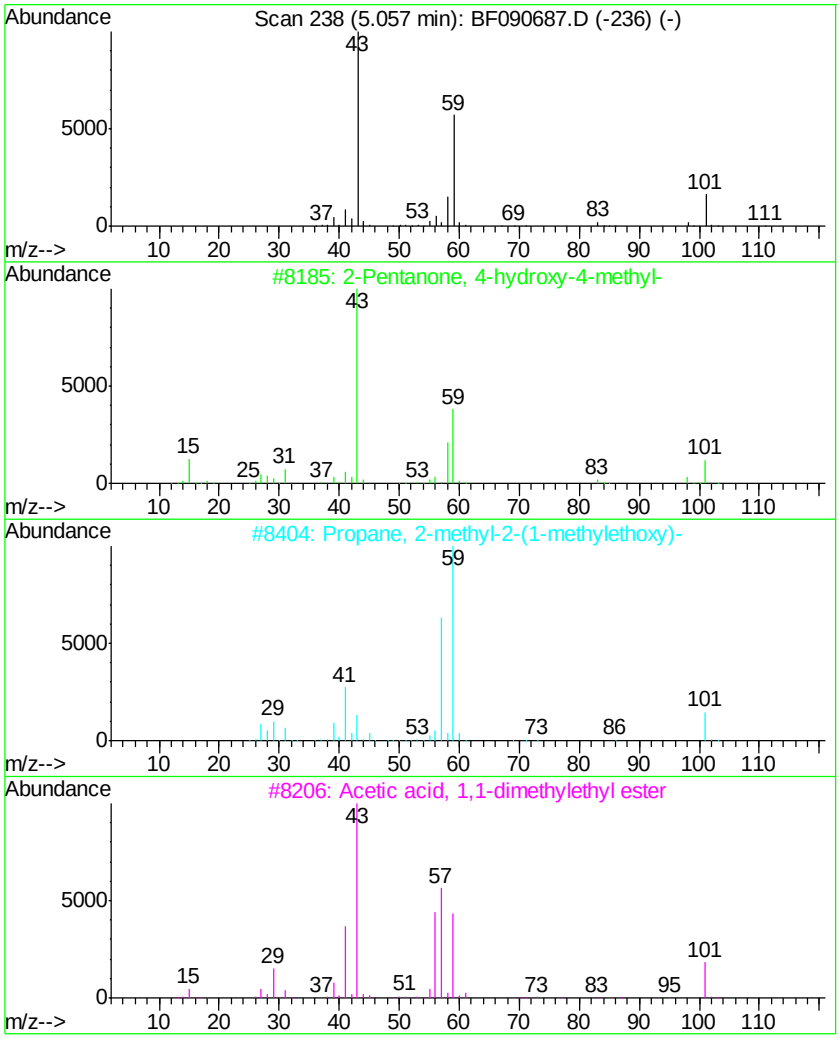
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

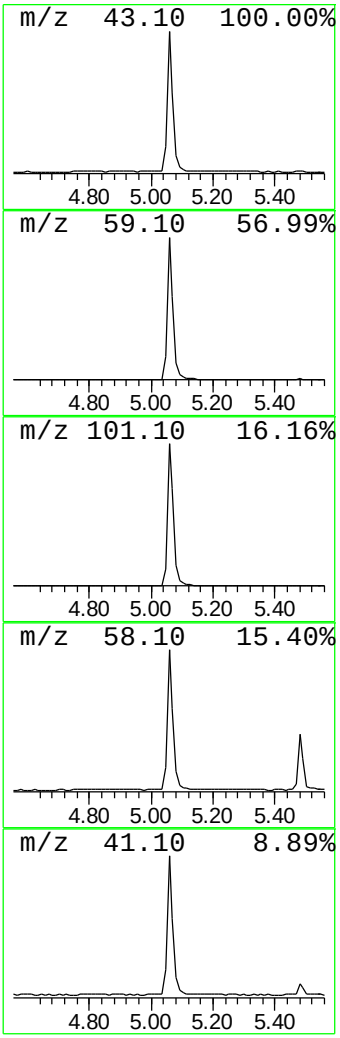
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	23.29 ng	1121080	1,4-Dichlorobenzene-d4	6.89

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	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090687.D
Acq On : 20 Oct 2016 17:32
Operator : UM/SJ
Sample : H5318-02
Misc :
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Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

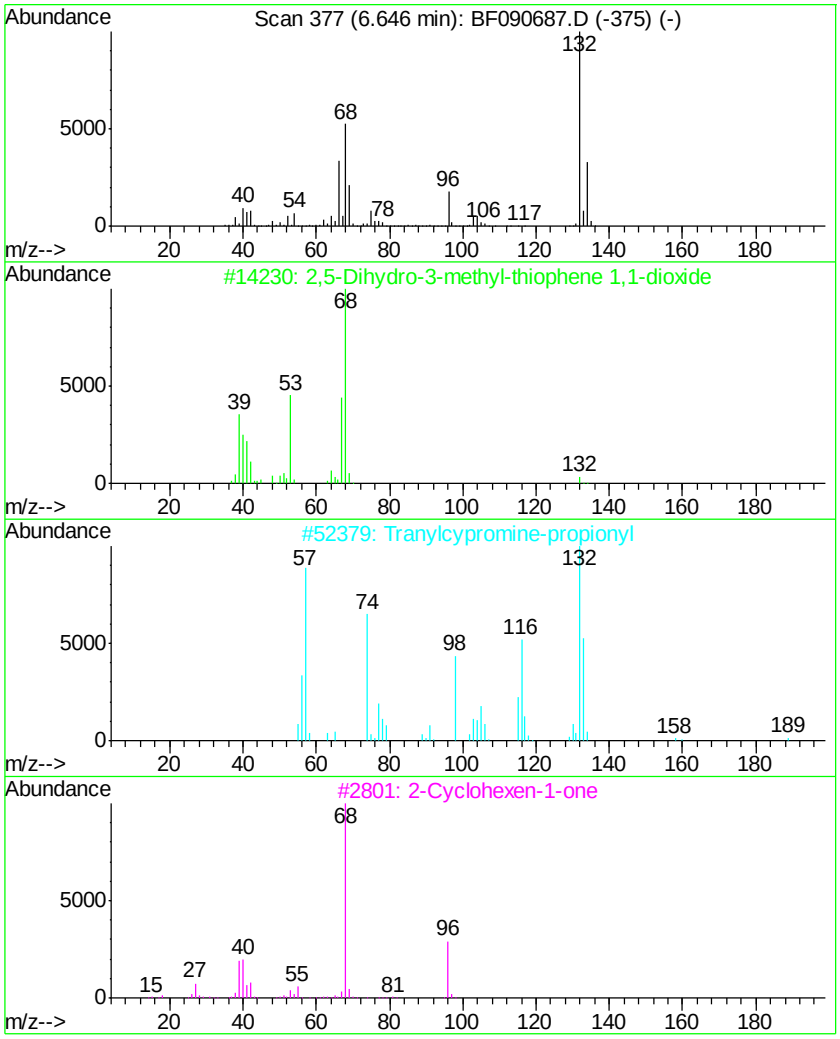
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

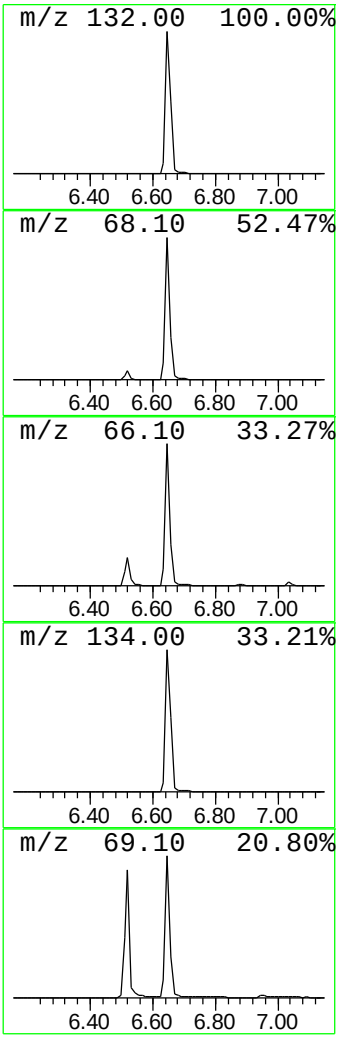
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	90.52 ng	4356460	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
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Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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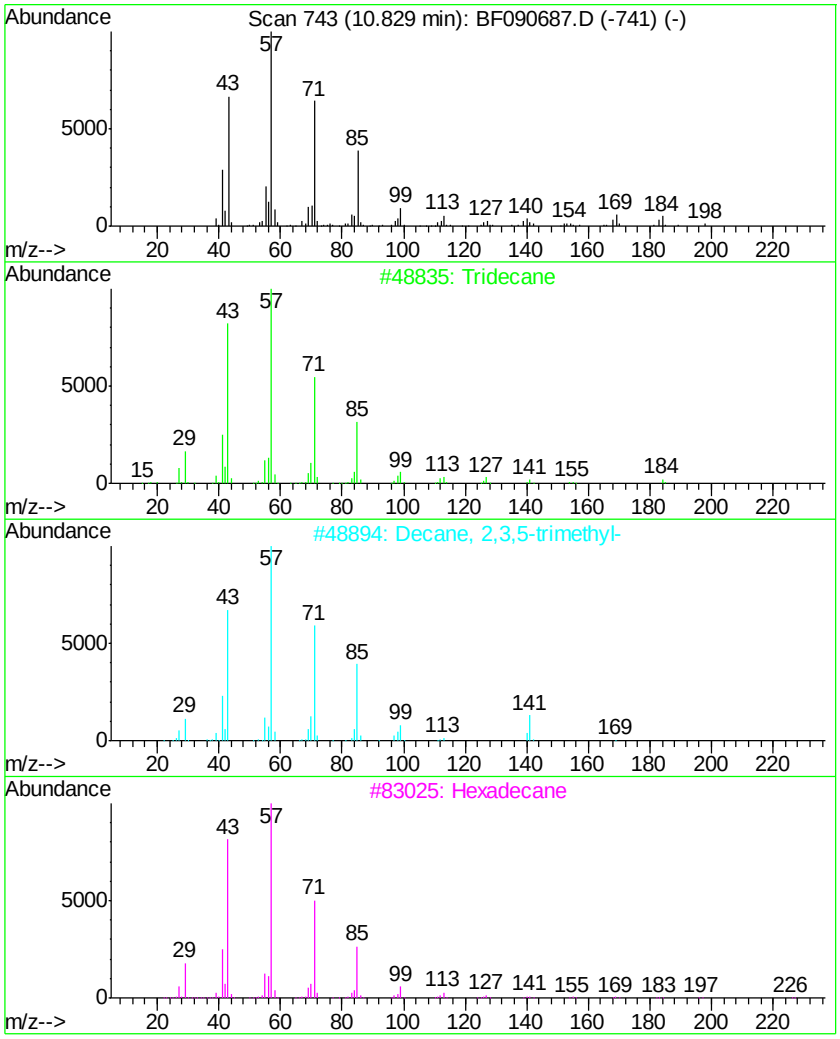
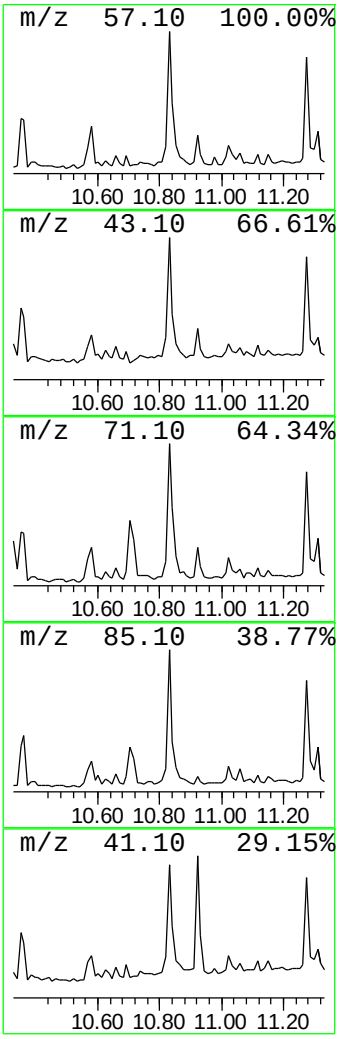
Peak Number 4 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.48 ng	278928	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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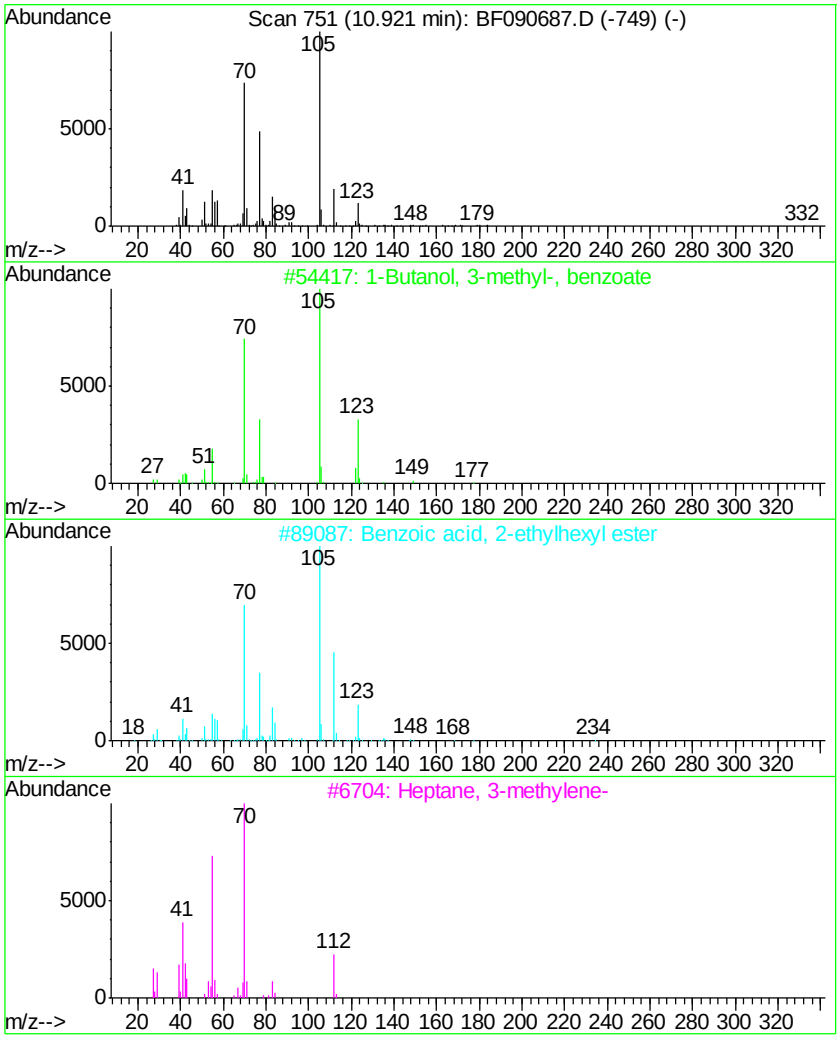
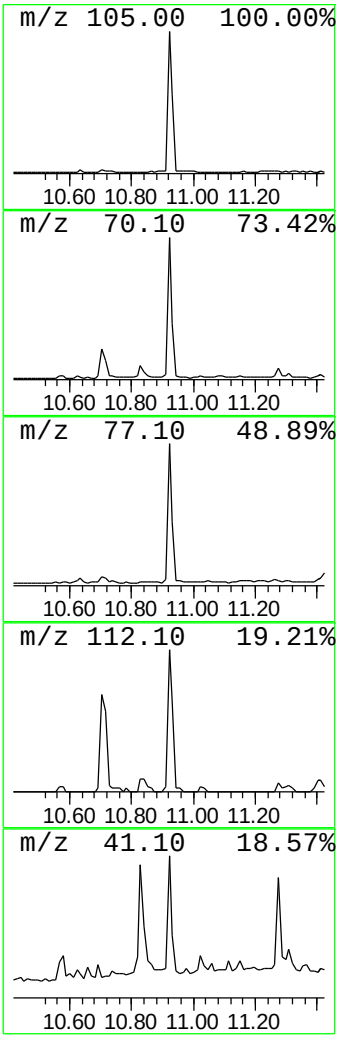
Peak Number 5 unknown10.92 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	5.28 ng	328813	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 3-methyl-, benzoate	192	C12H16O2	000094-46-2	47
2	Benzoic acid, 2-ethylhexyl ester	234	C15H22O2	005444-75-7	43
3	Heptane, 3-methylene-	112	C8H16	001632-16-2	43
4	Benzoic acid, isohexyl ester	206	C13H18O2	1000340-21-8	27
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	22





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

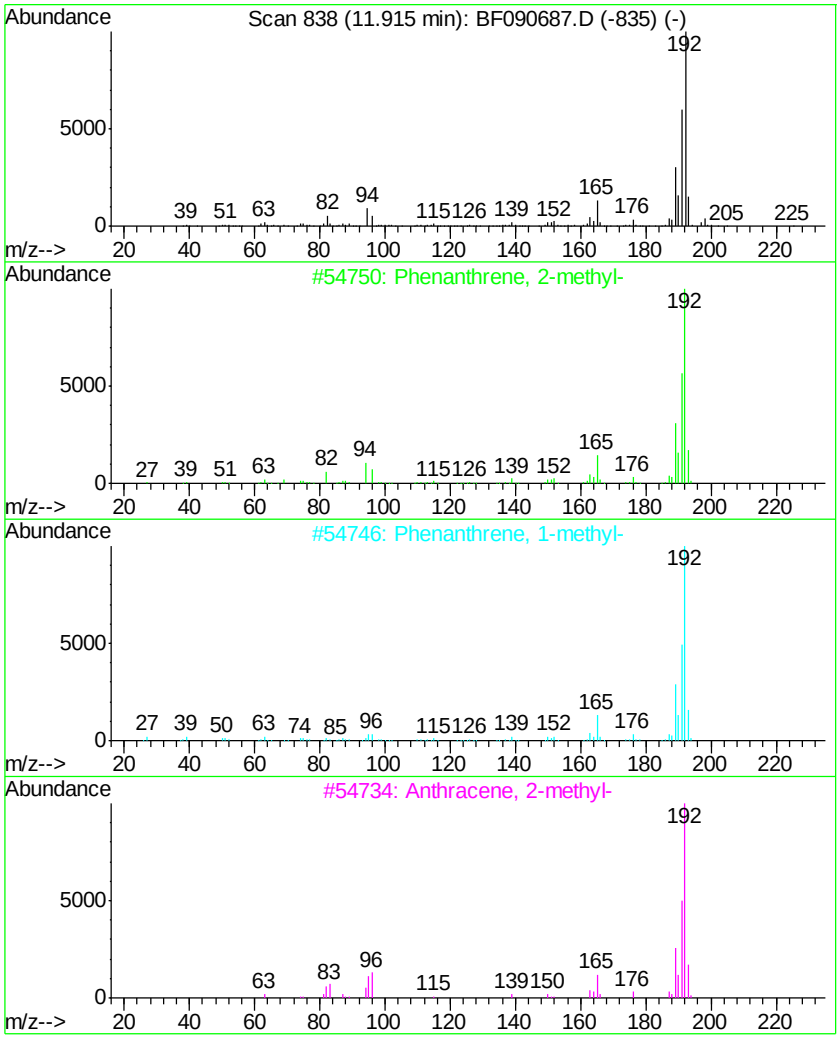
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

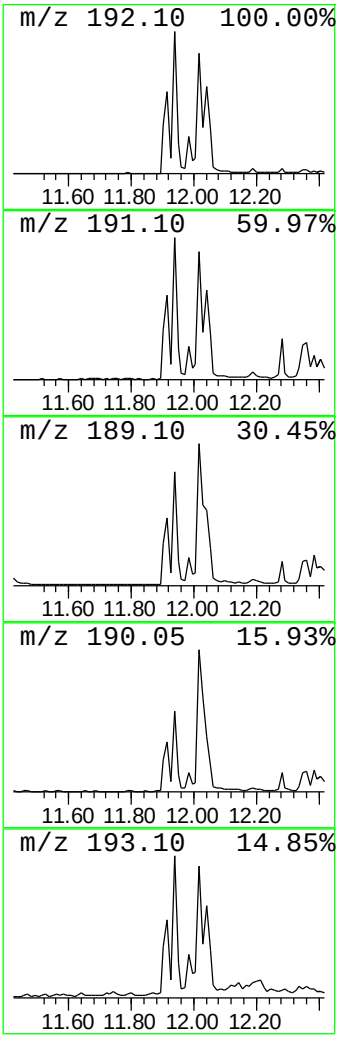
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.62 ng	474492	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

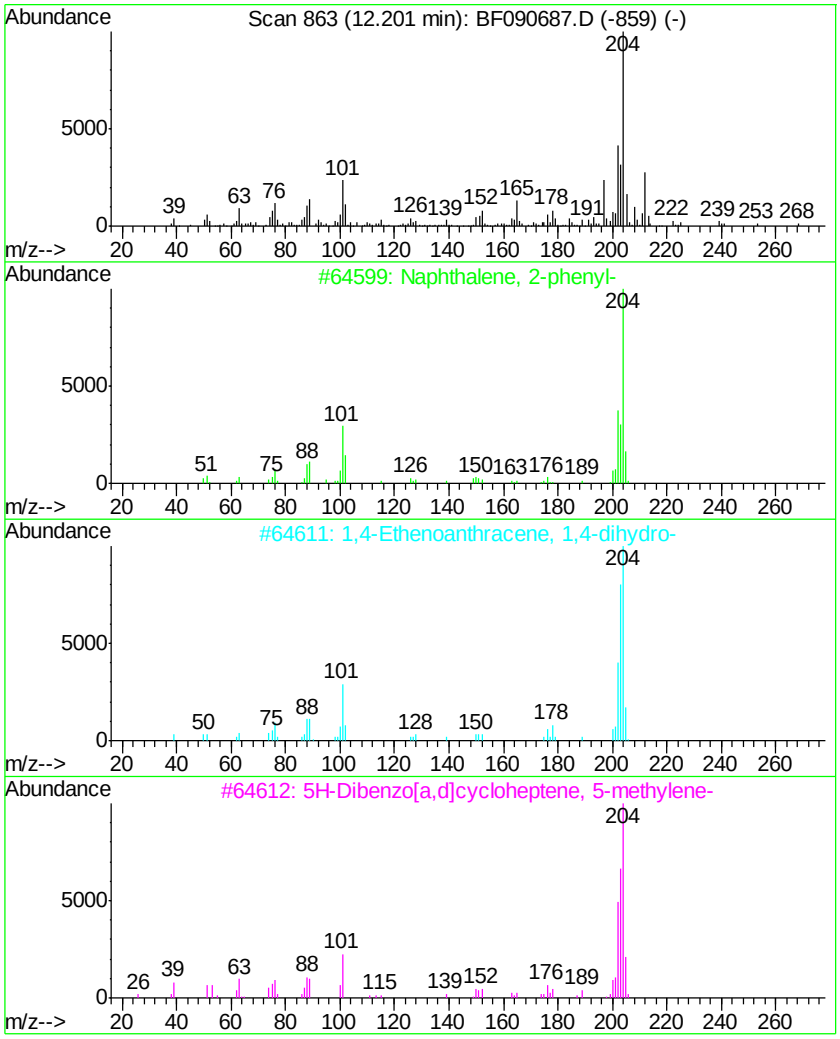
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

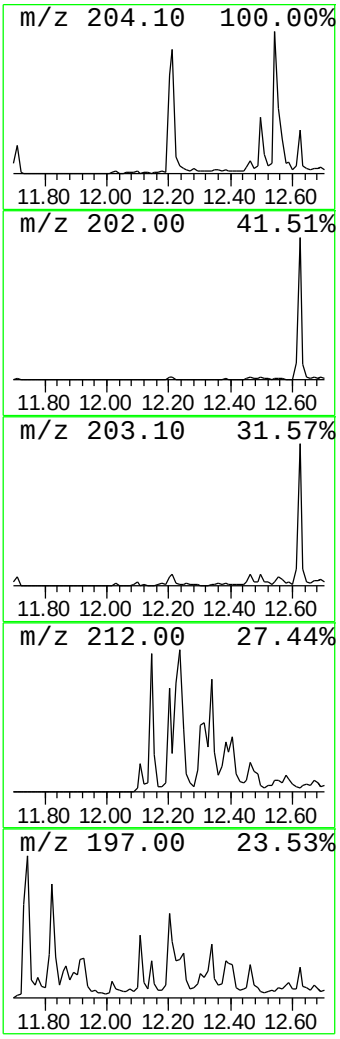
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	8.56 ng	533126	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	83
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	59
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	53





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Sample : H5318-02
Misc :
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ClientSampleId : FD-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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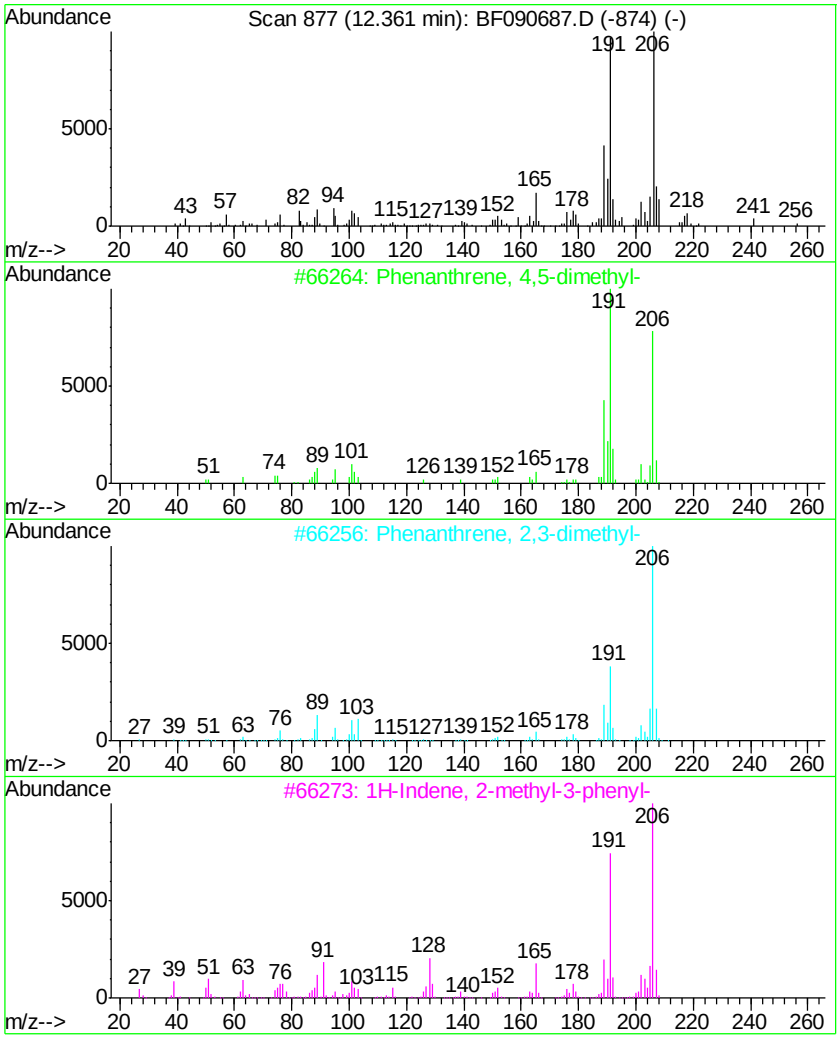
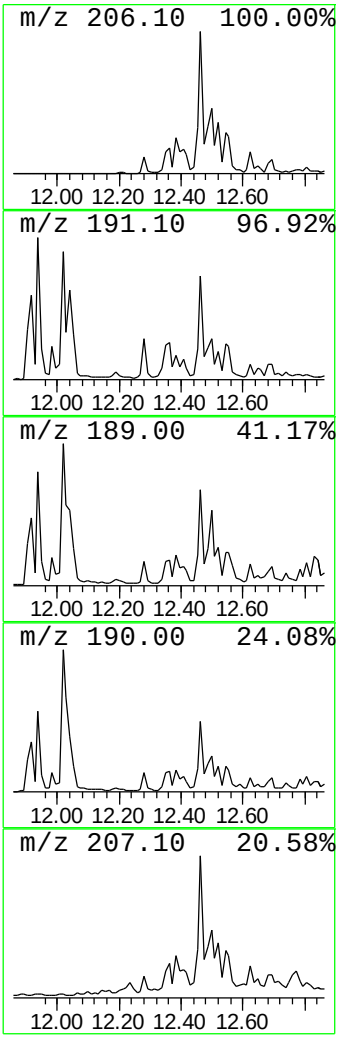
Peak Number 8 Phenanthrene, 4,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	4.18 ng	260568	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80





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

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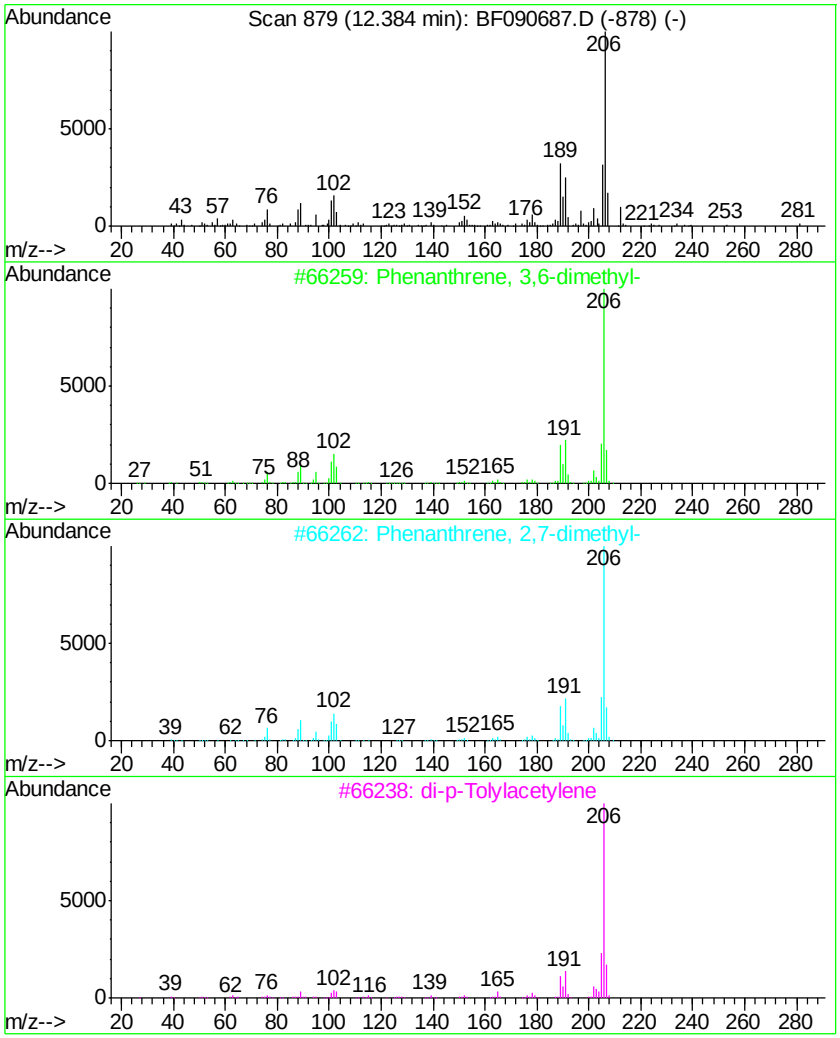
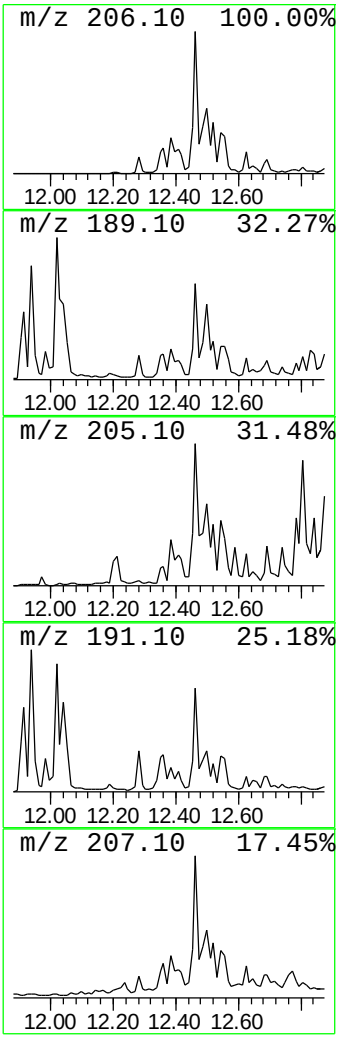
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.66 ng	290043	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81





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

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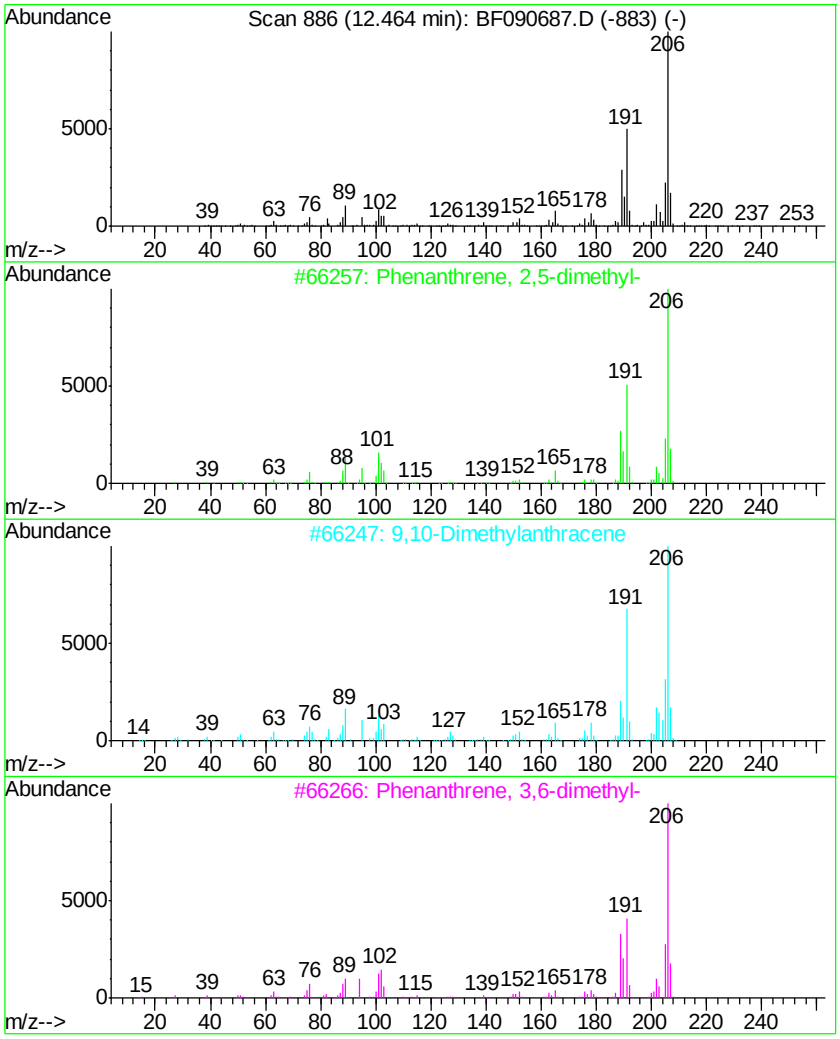
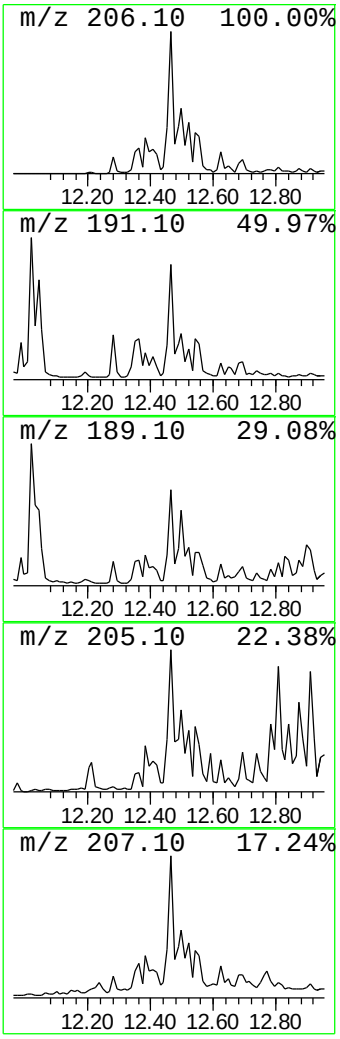
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	10.85 ng	675724	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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ClientSampleId : FD-1

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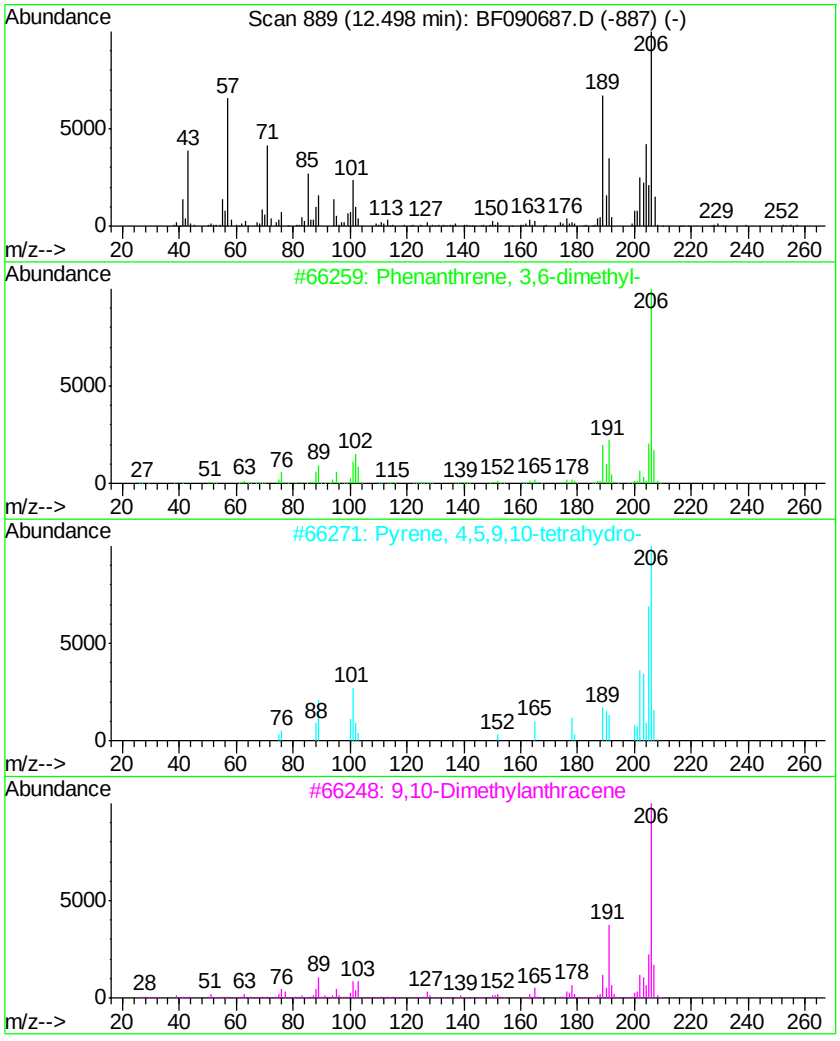
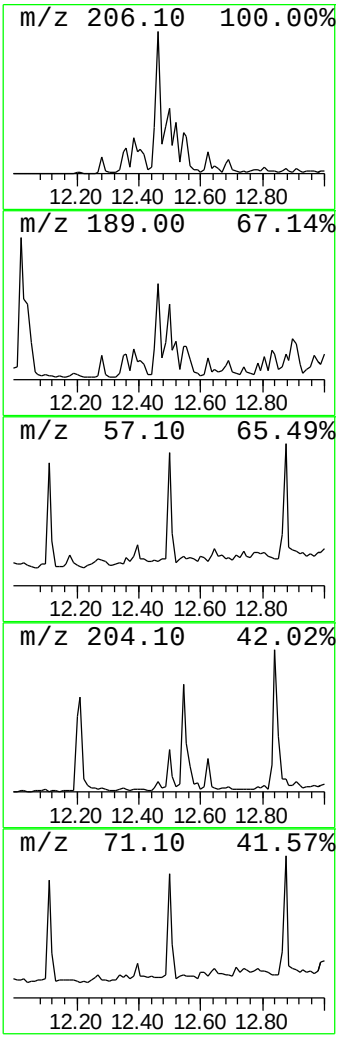
Peak Number 11 unknown12.50 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	8.70 ng	541489	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38





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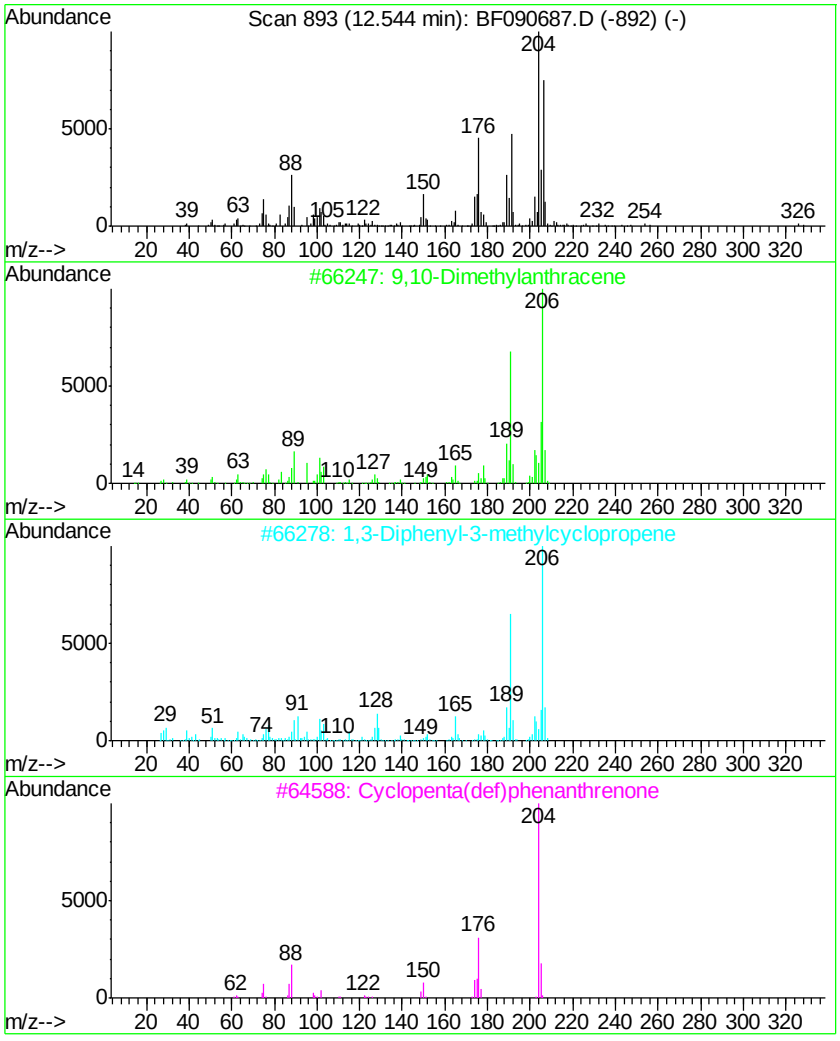
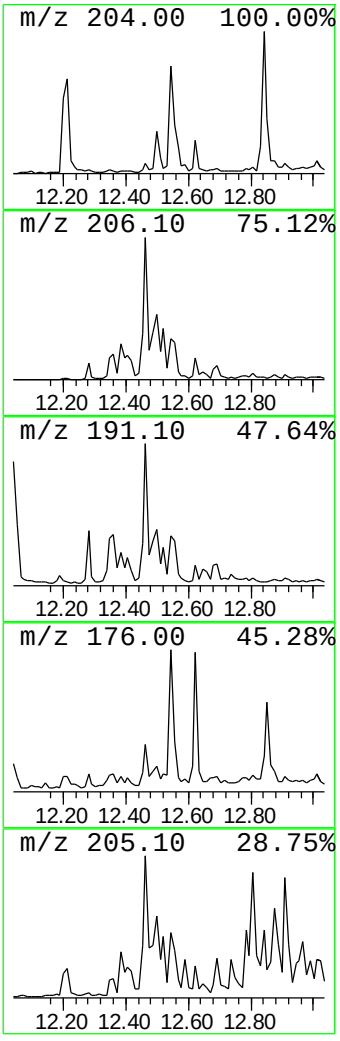
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	5.75 ng	358342	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	64
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	64





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TIC Integration Parameters: LSCINT.P

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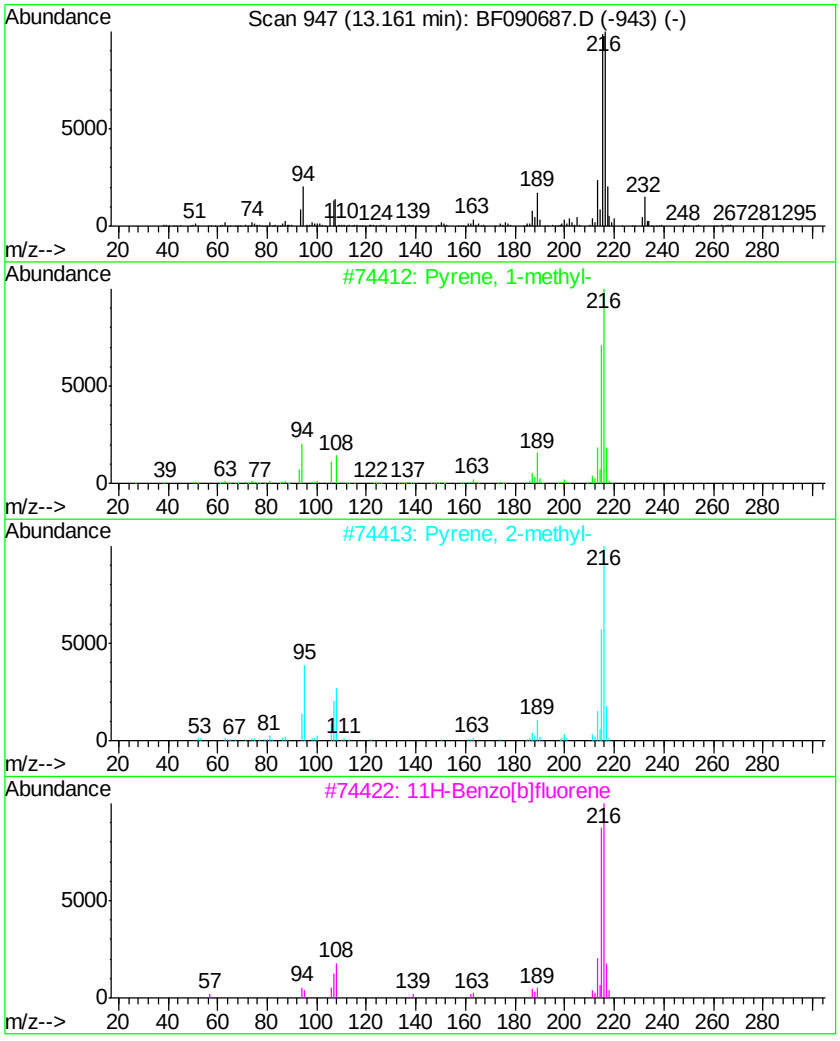
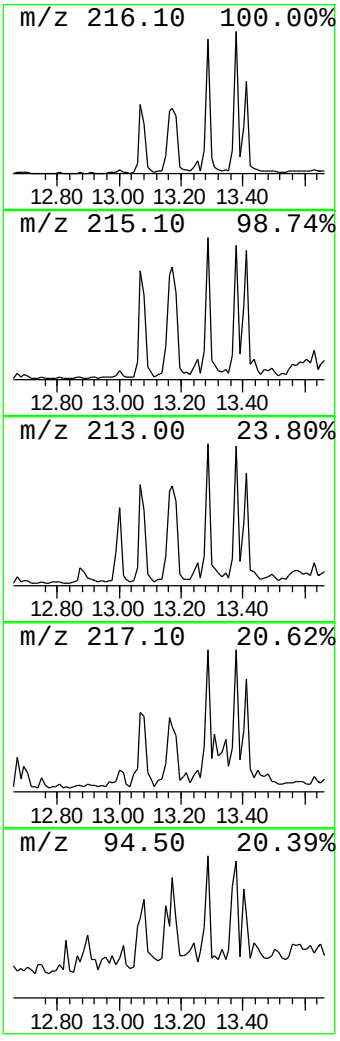
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	5.43 ng	988913	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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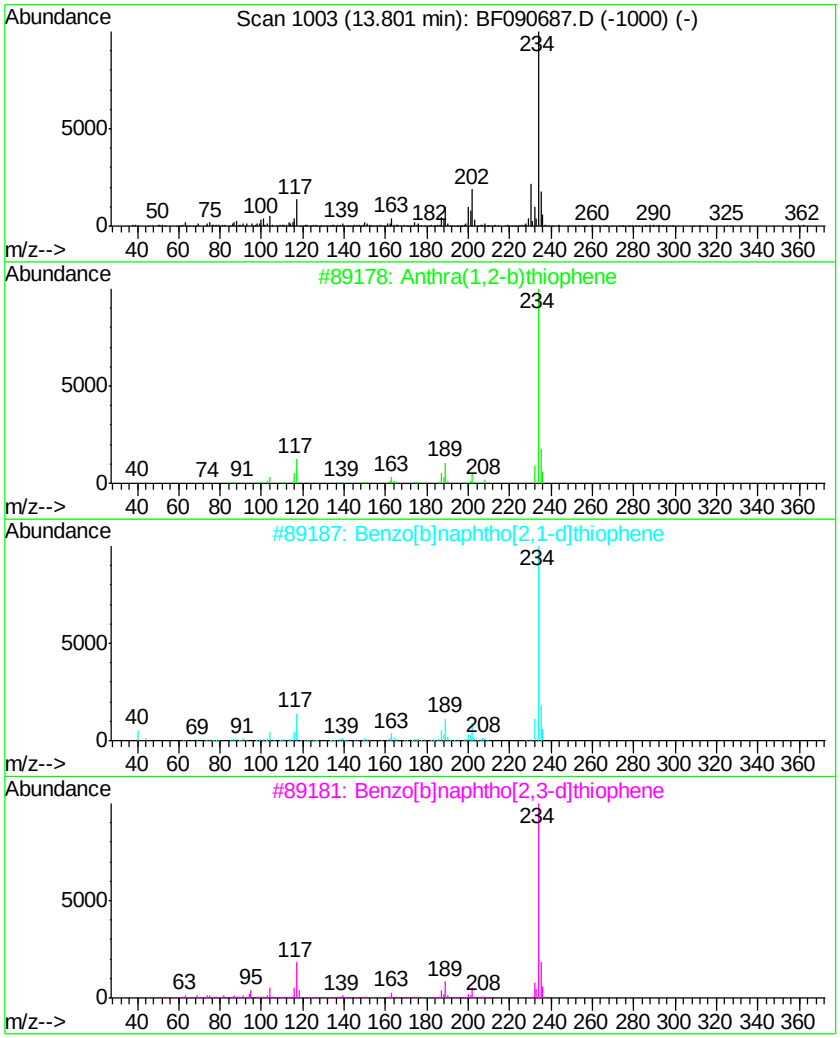
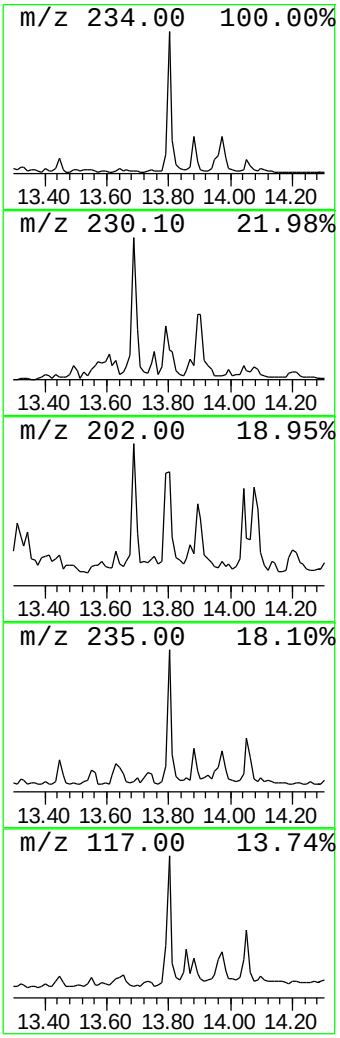
Peak Number 14 Anthra(1,2-b)thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.77 ng	868294	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	50





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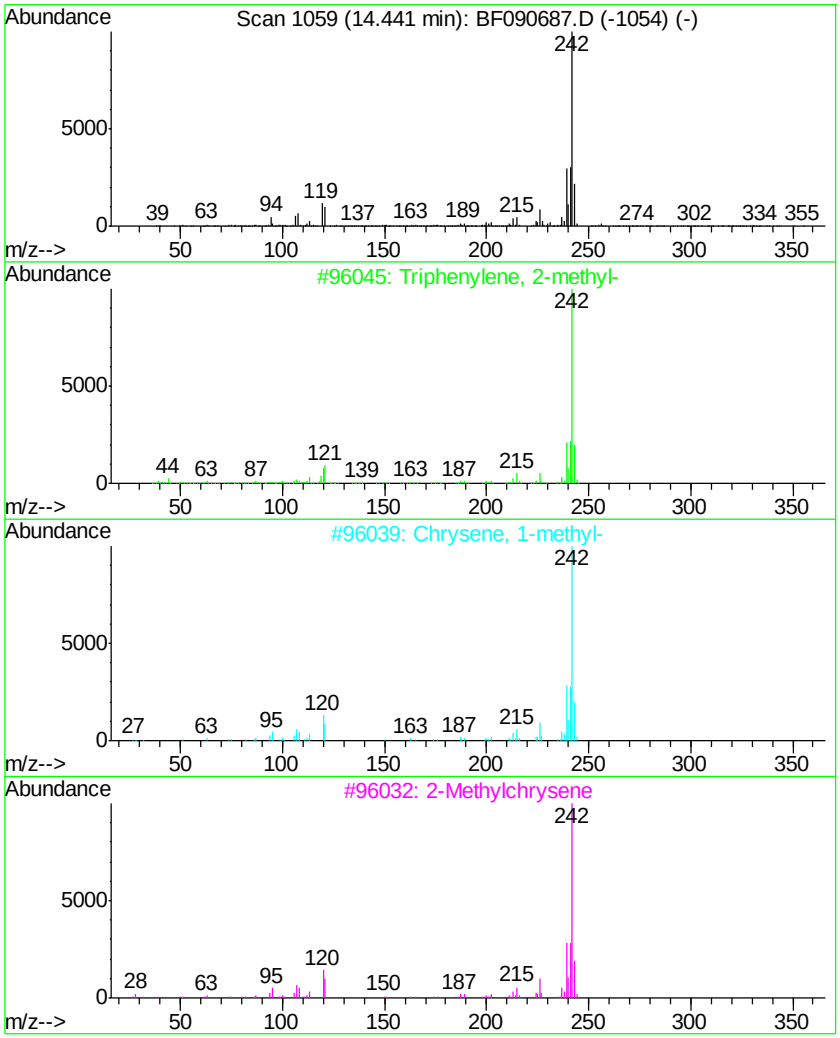
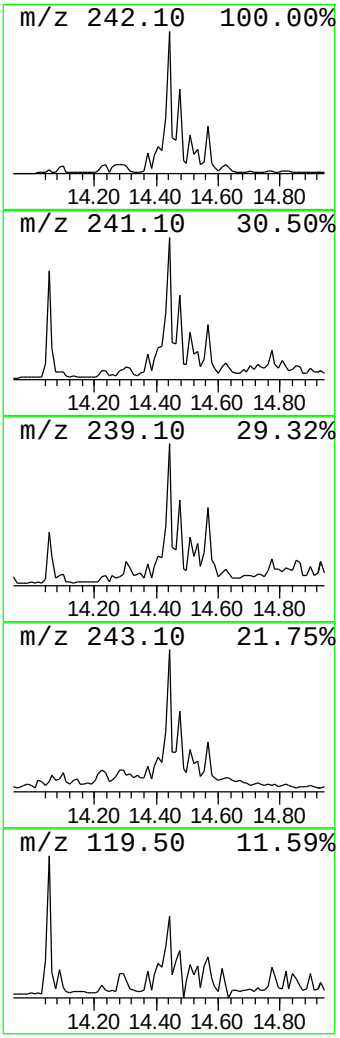
Peak Number 15 Triphenylene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	6.65 ng	1209860	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3	2-Methylchrysene	242	C19H14	003351-32-4	94
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





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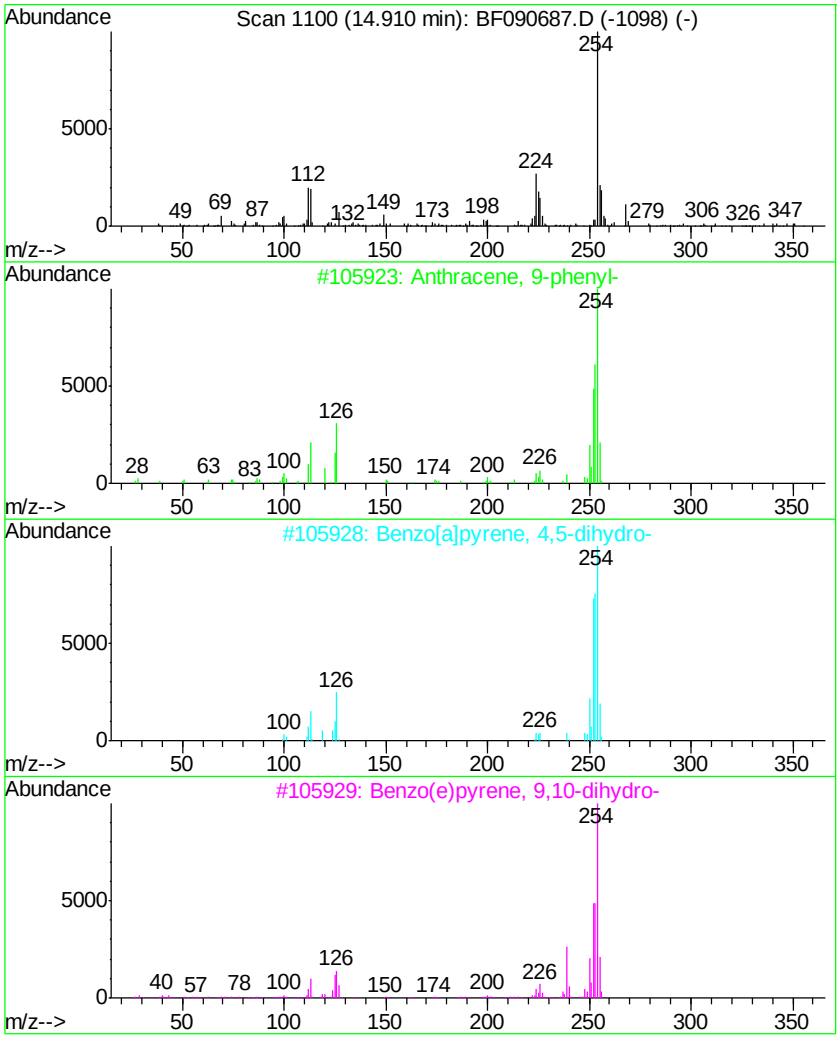
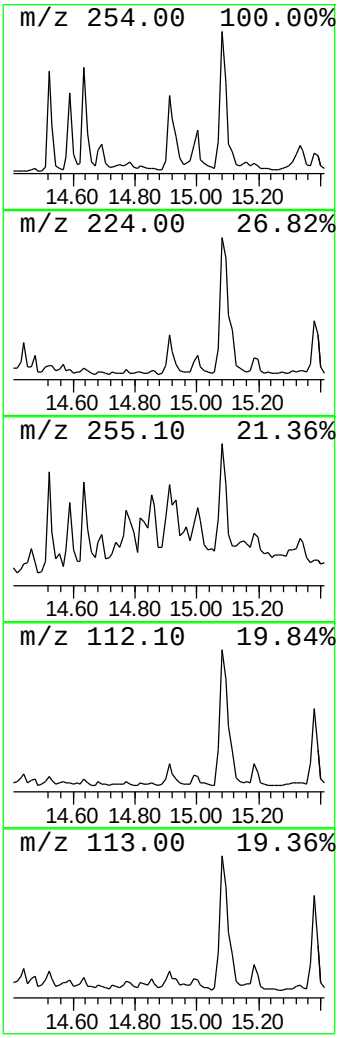
Peak Number 16 Anthracene, 9-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	8.80 ng	330343	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	50
3	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	47
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	43
5	Chrysin	254	C15H10O4	000480-40-0	43





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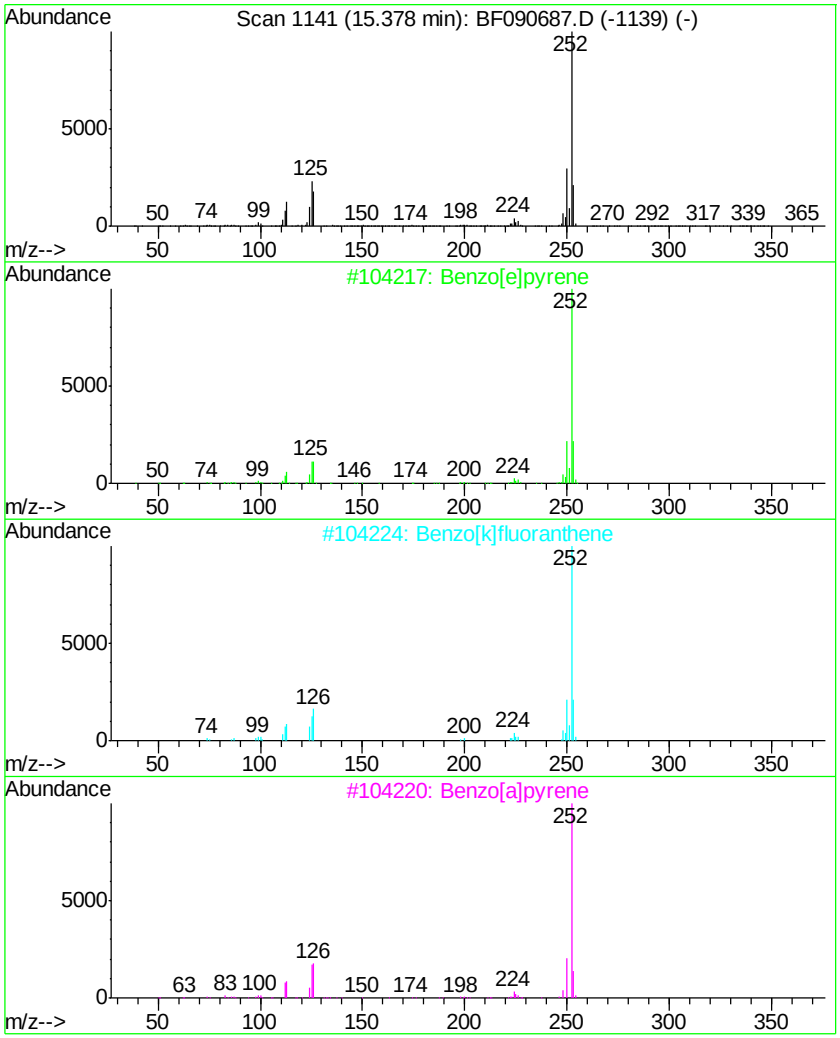
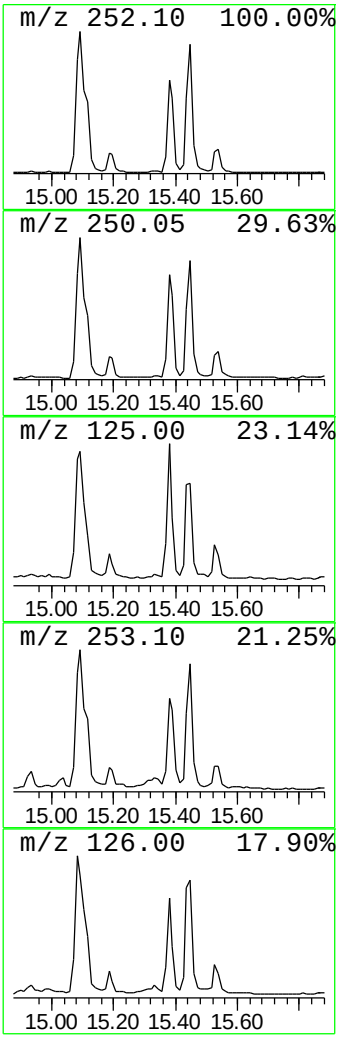
Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	29.71 ng	1115910	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	86





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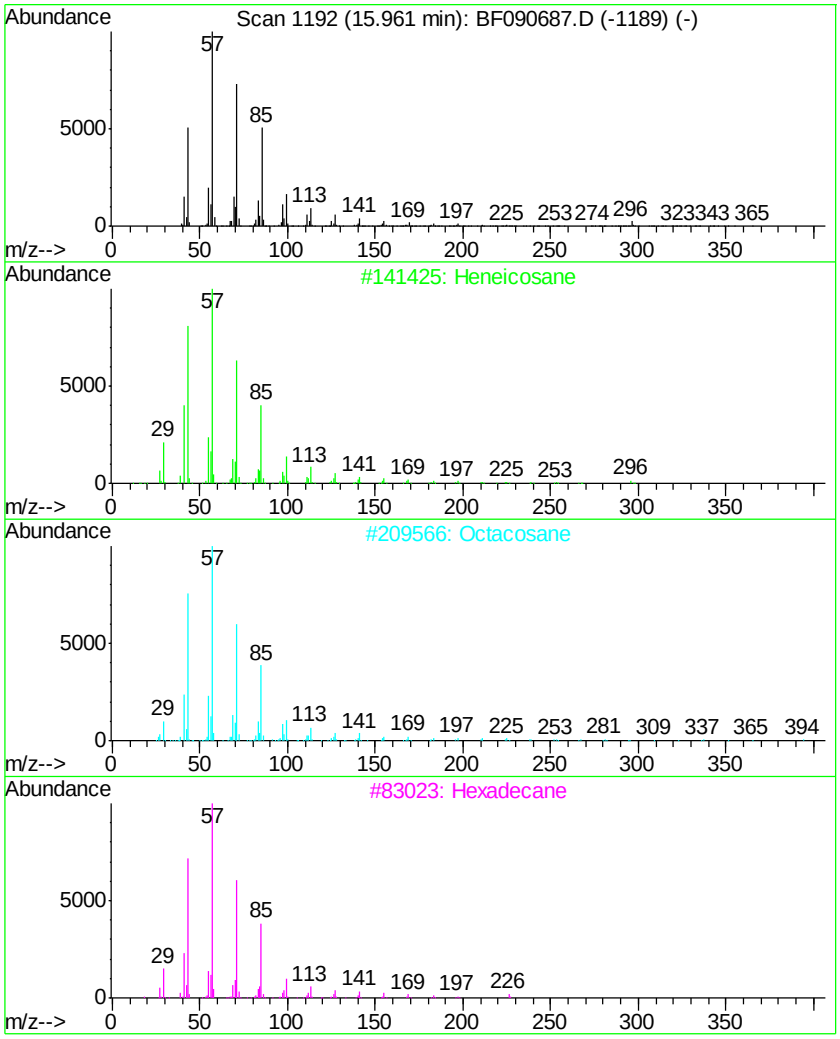
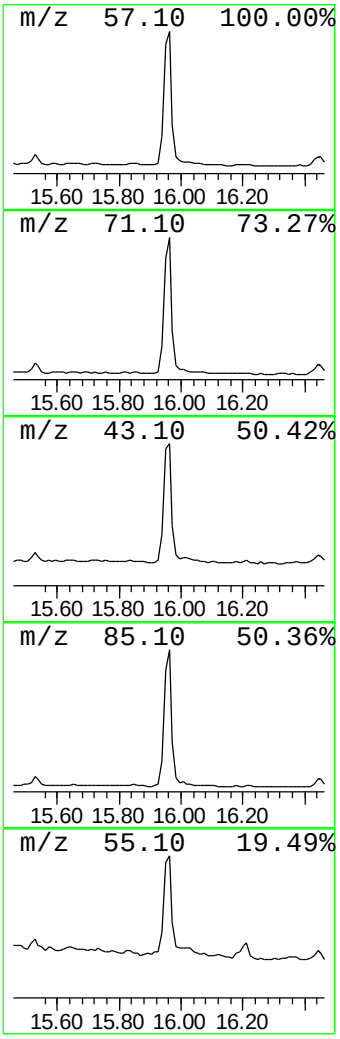
Peak Number 18 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	29.96 ng	1125300	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Heptacosane	380	C27H56	000593-49-7	83





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Instrument : BNA_F
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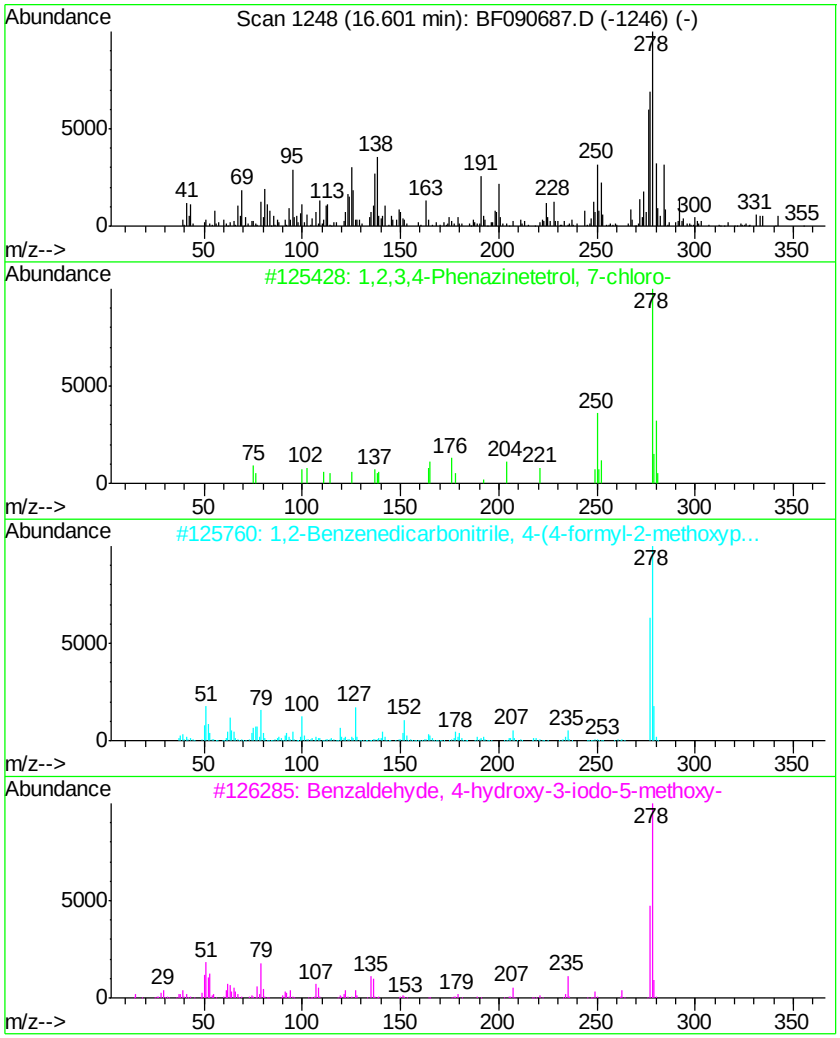
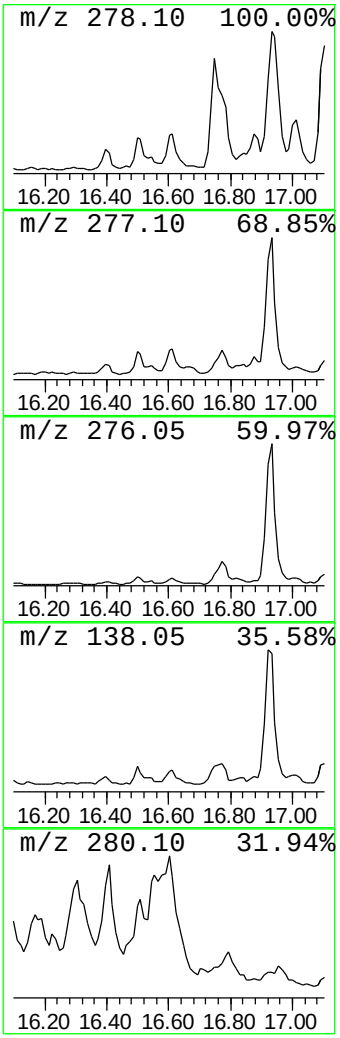
Peak Number 19 unknown16.60 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	10.80 ng	405684	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	43
2	1,2-Benzenedicarbonitrile, 4-(4-...	278	C16H10N2O3	1000337-88-7	35
3	Benzaldehyde, 4-hydroxy-3-iodo-5...	278	C8H7IO3	005438-36-8	35
4	1,4-Pentadien-3-one, 1-(1,3-benz...	278	C18H14O3	1000319-47-3	35
5	4-Phosphaspiro[2.4]hept-5-ene, 4...	278	C19H19P	1000161-67-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090687.D
Acq On : 20 Oct 2016 17:32
Operator : UM/SJ
Sample : H5318-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	23.3	ng	1121080	1	6.89	962552	20.0
unknown6.65	6.65	90.5	ng	4356460	1	6.89	962552	20.0
Tridecane	10.83	4.5	ng	278928	4	11.41	1245350	20.0
unknown10.92	10.92	5.3	ng	328813	4	11.41	1245350	20.0
Phenanthrene, 2-m...	11.92	7.6	ng	474492	4	11.41	1245350	20.0
Naphthalene, 2-ph...	12.20	8.6	ng	533126	4	11.41	1245350	20.0
Phenanthrene, 4,5...	12.36	4.2	ng	260568	4	11.41	1245350	20.0
Phenanthrene, 3,6...	12.38	4.7	ng	290043	4	11.41	1245350	20.0
Phenanthrene, 2,5...	12.46	10.9	ng	675724	4	11.41	1245350	20.0
unknown12.50	12.50	8.7	ng	541489	4	11.41	1245350	20.0
9,10-Dimethylanth...	12.54	5.8	ng	358342	4	11.41	1245350	20.0
Pyrene, 1-methyl-	13.16	5.4	ng	988913	5	14.05	3640990	20.0
Anthra(1,2-b)thio...	13.80	4.8	ng	868294	5	14.05	3640990	20.0
Triphenylene, 2-m...	14.44	6.7	ng	1209860	5	14.05	3640990	20.0
Anthracene, 9-phe...	14.91	8.8	ng	330343	6	15.50	751083	20.0
Benzo[e]pyrene	15.38	29.7	ng	1115910	6	15.50	751083	20.0
Heneicosane	15.96	30.0	ng	1125300	6	15.50	751083	20.0
unknown16.60	16.60	10.8	ng	405684	6	15.50	751083	20.0