LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090944.D
Acq On : 31 Oct 2016 22:33
Operator : UM/SJ
Sample : H5463-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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	4.910	244	247	257	rBV	570992	813087	16.19%	1.174%
2	5.344	283	285	288	rBV	2886842	3191738	63.55%	4.609%
3	6.396	374	377	379	rBV	3154966	3625945	72.20%	5.236%
4	6.521	385	388	390	rBV	2872414	3822330	76.11%	5.520%
5	6.750	406	408	410	rBV	672314	754754	15.03%	1.090%
6	6.899	419	421	424	rBV	2766999	3104847	61.82%	4.484%
7	7.310	455	457	460	rBV	1840231	2356041	46.91%	3.402%
8	8.030	518	520	525	rBV	1374187	1339832	26.68%	1.935%
9	9.116	612	615	617	rBV	4910847	5022427	100.00%	7.253%
10	9.196	620	622	624	rVV	71958	74338	1.48%	0.107%
11	9.367	635	637	641	rBV2	36267	72488	1.44%	0.105%
12	9.447	641	644	647	rVV	80452	125925	2.51%	0.182%
13	9.505	647	649	652	rVV	730969	798515	15.90%	1.153%
14	9.562	652	654	659	rVV2	49059	86666	1.73%	0.125%
15	9.642	659	661	664	rVV	410224	381371	7.59%	0.551%
16	9.722	667	668	671	rVV	89491	106402	2.12%	0.154%
17	9.779	671	673	675	rVV	1032782	1212337	24.14%	1.751%
18	9.813	675	676	678	rVB	60006	58290	1.16%	0.084%
19	9.985	690	691	693	rVV	110815	119730	2.38%	0.173%
20	10.030	693	695	699	rVB2	47595	79929	1.59%	0.115%
21	10.099	699	701	703	rBV2	59316	82206	1.64%	0.119%
22	10.190	707	709	710	rBV	56645	69675	1.39%	0.101%
23	10.225	710	712	714	rVB2	152714	159582	3.18%	0.230%
24	10.328	720	721	725	rVB	149396	162097	3.23%	0.234%
25	10.442	728	731	734	rBV	77197	105845	2.11%	0.153%
26	10.488	734	735	737	rBV	65907	64422	1.28%	0.093%
27	10.579	740	743	745	rBV	2196237	2544378	50.66%	3.674%
28	10.693	752	753	757	rBV2	156398	273943	5.45%	0.396%
29	10.876	767	769	775	rVB3	79418	180721	3.60%	0.261%
30	11.025	778	782	785	rBV3	65217	149724	2.98%	0.216%
31	11.116	788	790	791	rBV	80325	81995	1.63%	0.118%
32	11.150	791	793	798	rVB2	88343	239293	4.76%	0.346%
33	11.265	801	803	804	rBV	1081327	1016420	20.24%	1.468%
34	11.345	807	810	811	rVV	289226	310124	6.17%	0.448%

LSC Area Percent Report

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Data File : BF090944.D
Acq On : 31 Oct 2016 22:33
Operator : UM/SJ
Sample : H5463-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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

35	11.379	811	813	816	rVB	77853	78905	1.57%	0.114%
36	11.528	821	826	828	rBV3	54626	155643	3.10%	0.225%
37	11.573	828	830	831	rVB2	80385	86046	1.71%	0.124%
38	11.768	845	847	848	rBV	267062	248766	4.95%	0.359%
39	11.791	848	849	852	rVB	242195	315979	6.29%	0.456%
40	11.848	852	854	855	rBV	132029	199417	3.97%	0.288%
41	11.882	855	857	861	rVB2	495824	772951	15.39%	1.116%
42	11.973	861	865	870	rBV4	92478	280869	5.59%	0.406%
43	12.065	870	873	874	rBV	183137	198619	3.95%	0.287%
44	12.248	887	889	892	rVB2	86517	172887	3.44%	0.250%
45	12.316	892	895	897	rBV	296289	349622	6.96%	0.505%
46	12.351	897	898	901	rVB2	151000	281827	5.61%	0.407%
47	12.408	901	903	907	rVB3	128097	221380	4.41%	0.320%
48	12.476	907	909	912	rBV	2191339	2193409	43.67%	3.167%
49	12.545	912	915	916	rBV2	47060	96943	1.93%	0.140%
50	12.568	916	917	919	rVB	256575	240332	4.79%	0.347%
51	12.625	919	922	923	rBV3	88484	152896	3.04%	0.221%
52	12.705	926	929	932	rBV	2058861	2277472	45.35%	3.289%
53	12.762	932	934	936	rVB2	107800	172112	3.43%	0.249%
54	12.854	938	942	945	rBV	3226748	3494341	69.57%	5.046%
55	12.922	945	948	952	rBV4	284889	545914	10.87%	0.788%
56	13.036	954	958	959	rVV	562527	858671	17.10%	1.240%
57	13.105	962	964	965	rVV	335874	475814	9.47%	0.687%
58	13.139	965	967	971	rVV	409960	534139	10.64%	0.771%
59	13.231	971	975	976	rVV2	216537	271384	5.40%	0.392%
60	13.254	976	977	982	rBV3	168698	256713	5.11%	0.371%
61	13.345	982	985	989	rVB2	260401	522574	10.40%	0.755%
62	13.436	989	993	996	rVB4	170274	361746	7.20%	0.522%
63	13.539	998	1002	1004	rBV2	196192	391051	7.79%	0.565%
64	13.654	1009	1012	1013	rVV2	174287	360439	7.18%	0.520%
65	13.676	1013	1014	1015	rVV	283786	293618	5.85%	0.424%
66	13.756	1019	1021	1024	rVB2	263914	404483	8.05%	0.584%
67	13.894	1030	1033	1035	rBV2	2103264	3279365	65.29%	4.736%
68	13.928	1035	1036	1040	rVV	1373224	1228055	24.45%	1.773%
69	14.008	1041	1043	1045	rVV3	107532	162865	3.24%	0.235%
70	14.042	1045	1046	1048	rVB	154727	154574	3.08%	0.223%
71	14.225	1060	1062	1063	rBV2	53148	98696	1.97%	0.143%

LSC Area Percent Report

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Acq On : 31 Oct 2016 22:33
Operator : UM/SJ
Sample : H5463-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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

72	14.248	1063	1064	1065	rVV	116417	132454	2.64%	0.191%
73	14.294	1065	1068	1069	rVV	379429	571513	11.38%	0.825%
74	14.317	1069	1070	1072	rVV	156244	206072	4.10%	0.298%
75	14.385	1072	1076	1077	rVV2	264781	380919	7.58%	0.550%
76	14.431	1077	1080	1082	rVB4	213338	442129	8.80%	0.638%
77	14.591	1092	1094	1095	rVV	125153	173782	3.46%	0.251%
78	14.671	1099	1101	1102	rVV	111035	203236	4.05%	0.293%
79	14.762	1105	1109	1113	rVV3	205393	421104	8.38%	0.608%
80	14.911	1120	1122	1127	rBV	1502470	3238458	64.48%	4.677%
81	15.014	1127	1131	1133	rVV2	458208	643233	12.81%	0.929%
82	15.185	1144	1146	1149	rVB	736556	1076501	21.43%	1.555%
83	15.254	1149	1152	1154	rVB	1300680	1778284	35.41%	2.568%
84	15.311	1154	1157	1158	rBV	585701	1005790	20.03%	1.452%
85	15.471	1169	1171	1172	rBV	70502	110608	2.20%	0.160%
86	15.700	1189	1191	1193	rBV	57332	97844	1.95%	0.141%
87	15.745	1193	1195	1196	rVV2	63281	90205	1.80%	0.130%
88	15.814	1199	1201	1210	rVB3	132441	324391	6.46%	0.468%
89	15.951	1211	1213	1215	rBV	45369	70231	1.40%	0.101%
90	16.465	1255	1258	1259	rBV2	81108	140708	2.80%	0.203%
91	16.637	1270	1273	1278	rVB2	488095	967083	19.26%	1.397%
92	16.717	1278	1280	1284	rVB	52942	97257	1.94%	0.140%
93	16.797	1284	1287	1290	rBV	110325	226662	4.51%	0.327%
94	16.854	1290	1292	1294	rBV	69544	111671	2.22%	0.161%
95	17.037	1305	1308	1316	rVB	313109	711301	14.16%	1.027%
96	17.254	1324	1327	1334	rVB2	117776	297176	5.92%	0.429%
97	17.871	1379	1381	1390	rVB6	21615	73237	1.46%	0.106%
98	18.100	1397	1401	1406	rVB4	28857	107216	2.13%	0.155%
99	19.083	1481	1487	1493	rVB	81512	323148	6.43%	0.467%
100	19.220	1494	1499	1505	rBV2	96598	448945	8.94%	0.648%

Sum of corrected areas: 69249092

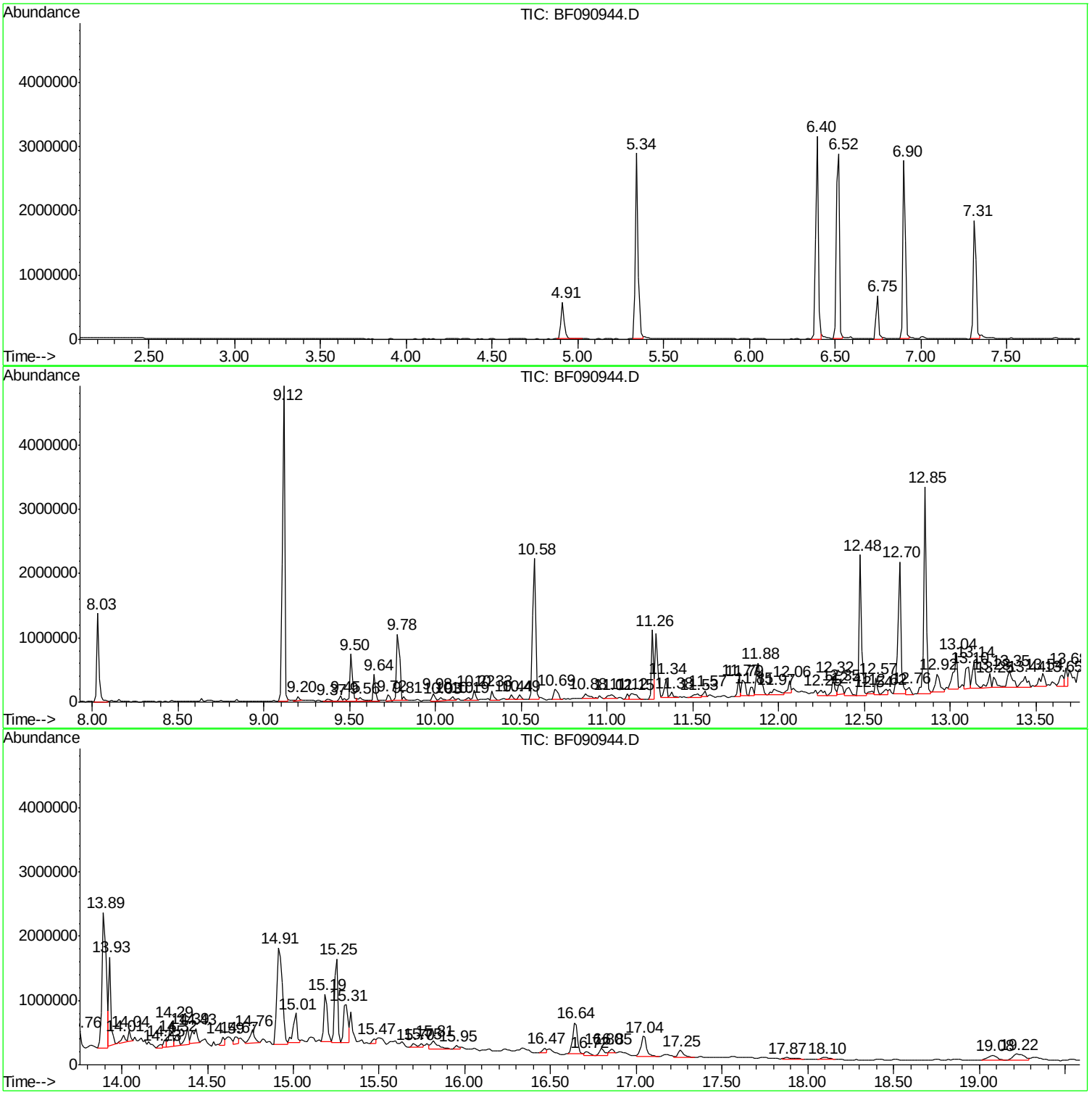
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090944.D
Acq On : 31 Oct 2016 22:33
Operator : UM/SJ
Sample : H5463-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(0-2)

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\BF103116\
Data File : BF090944.D
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Operator : UM/SJ
Sample : H5463-03
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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

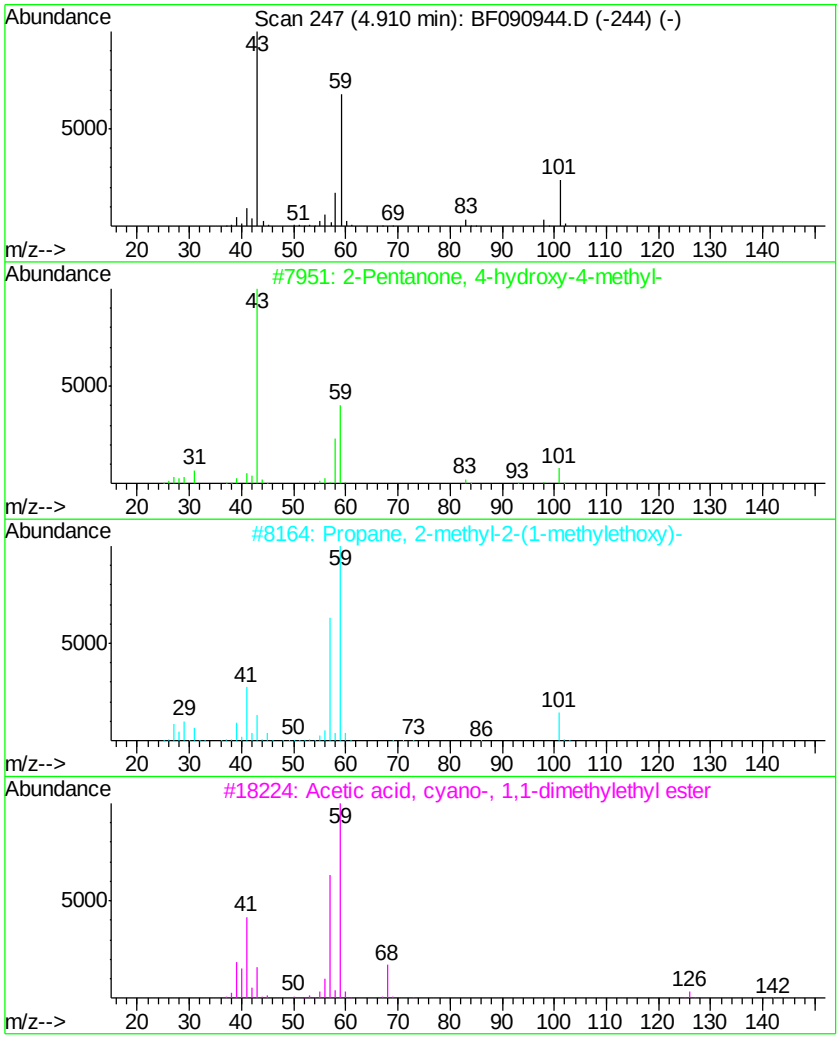
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

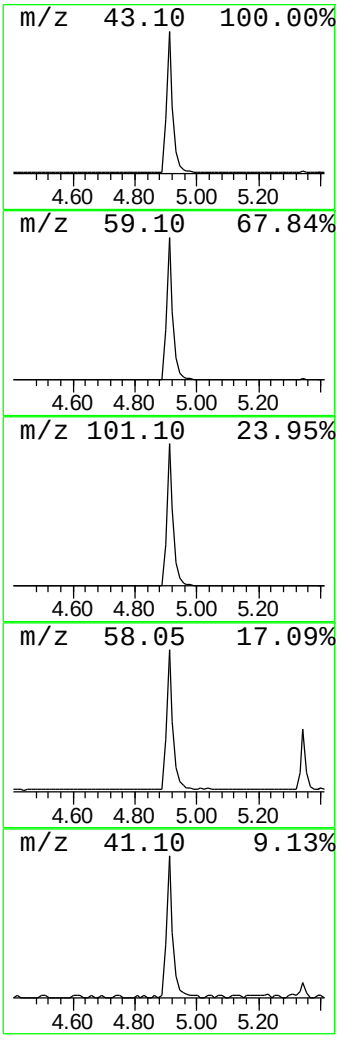
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	21.55 ng	813087	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090944.D
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Operator : UM/SJ
Sample : H5463-03
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Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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

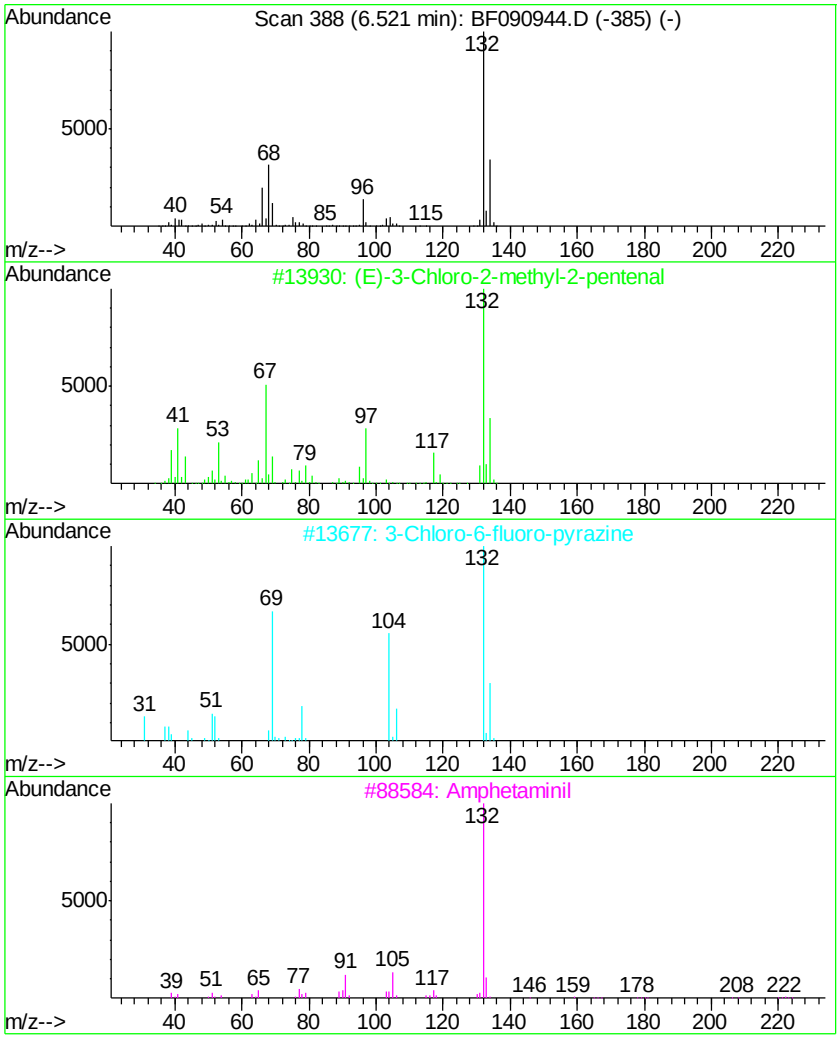
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

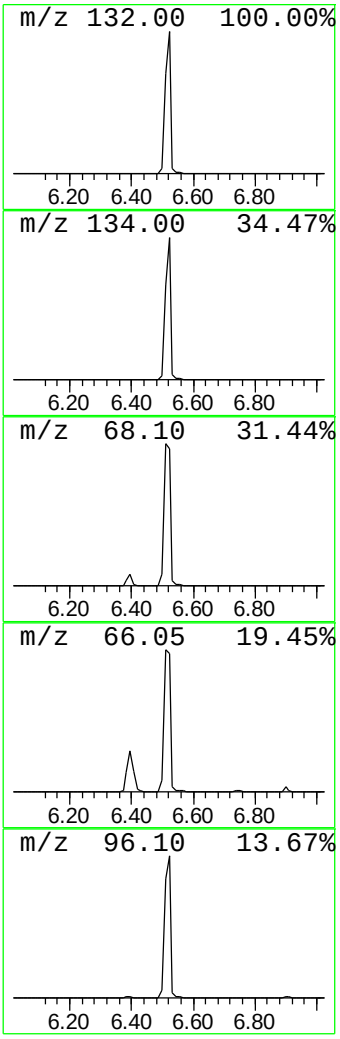
****

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	101.29 ng	3822330	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : H5463-03
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Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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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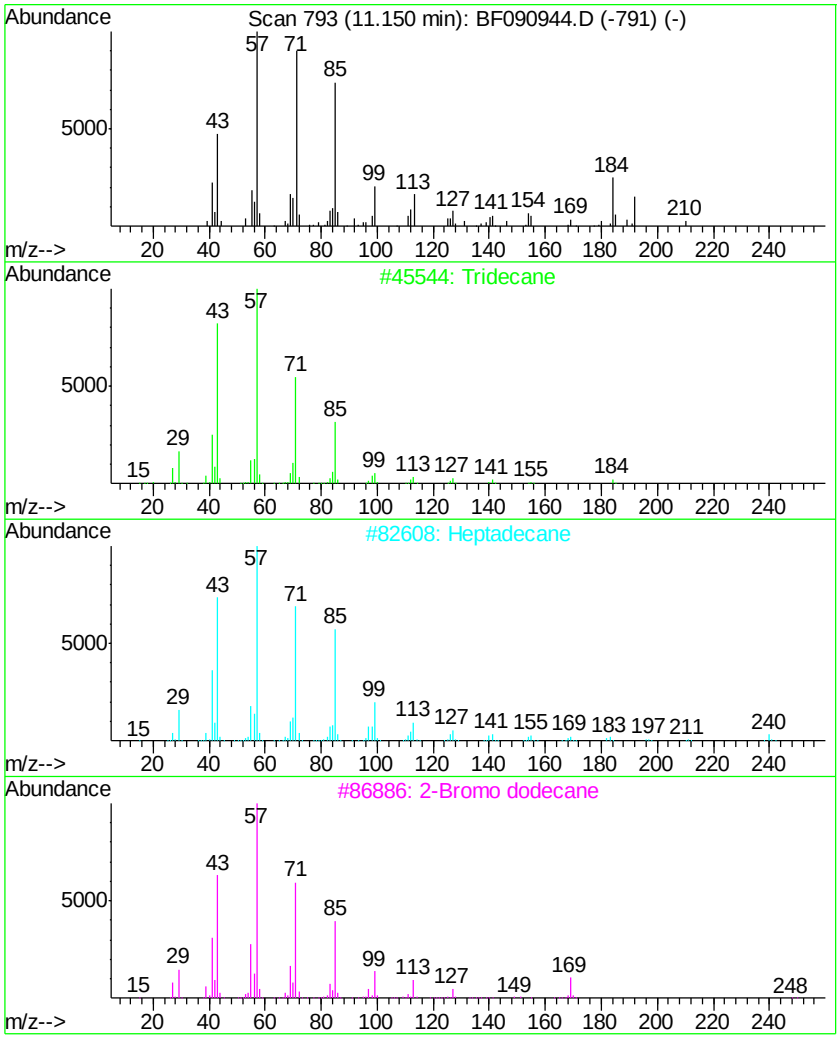
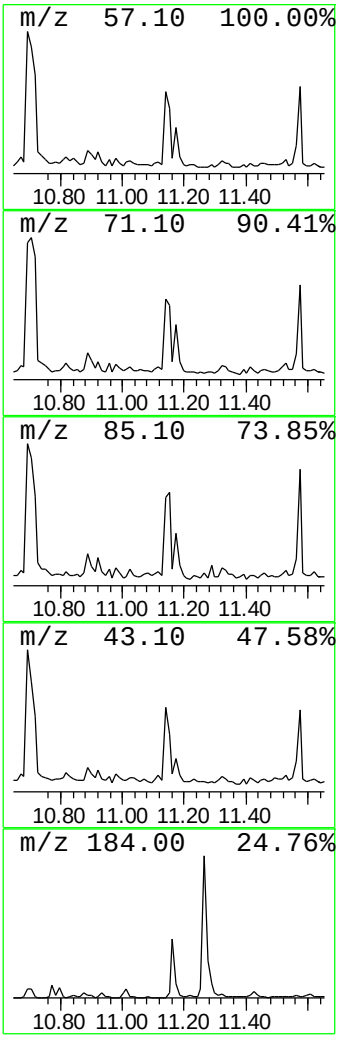
Peak Number 5 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.71 ng	239293	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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

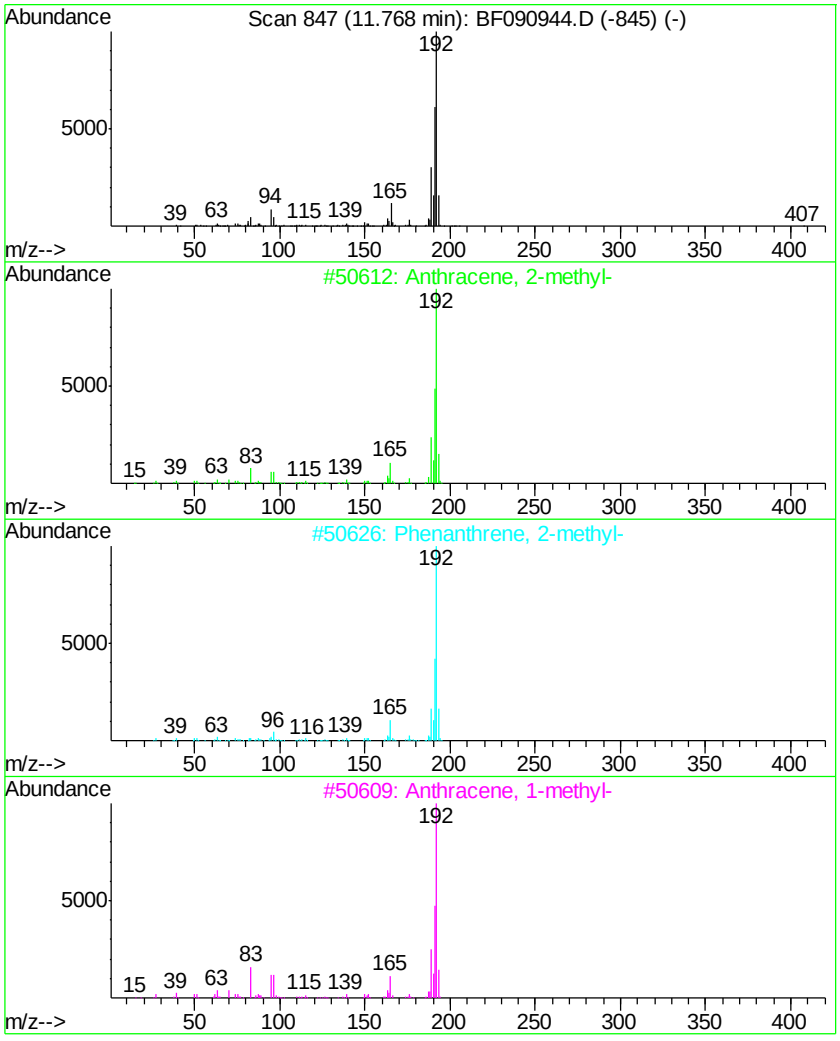
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

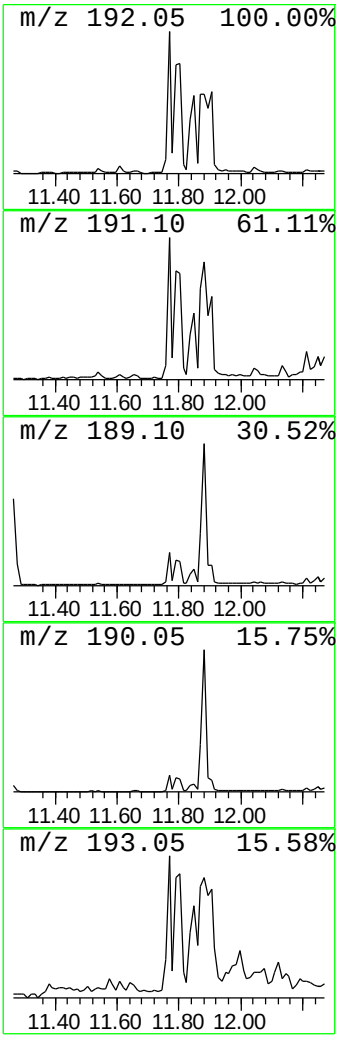
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.89 ng	248766	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090944.D
Acq On : 31 Oct 2016 22:33
Operator : UM/SJ
Sample : H5463-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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

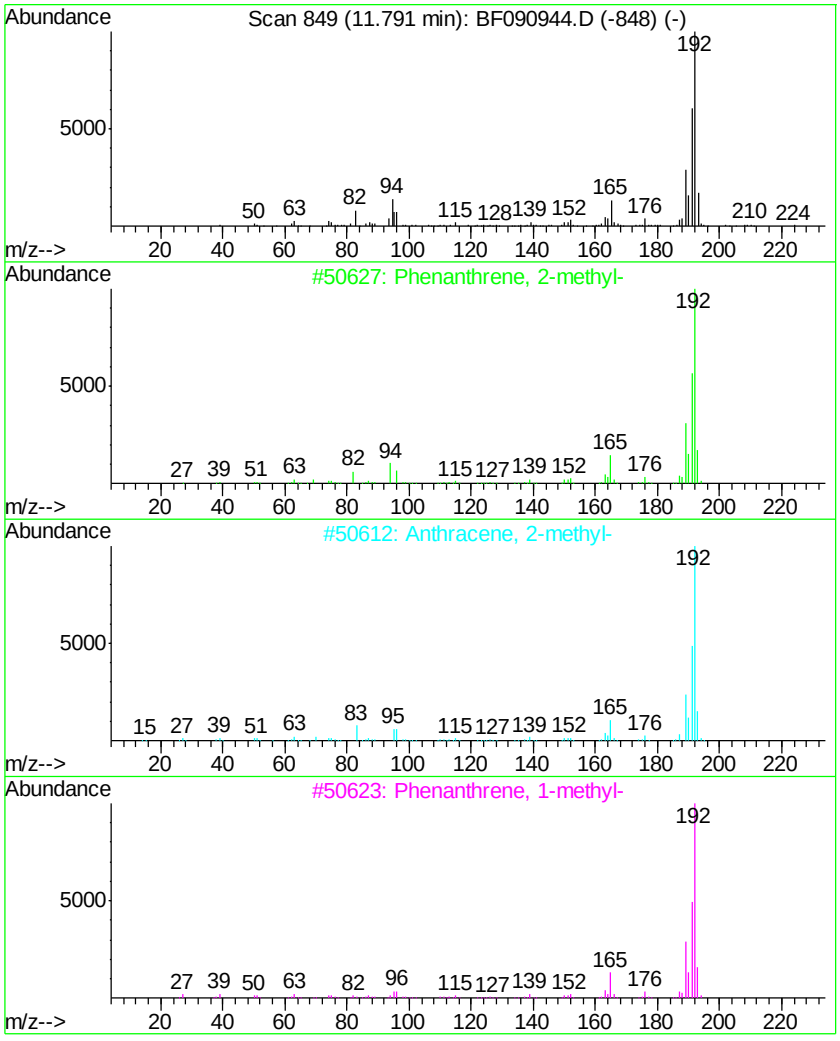
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

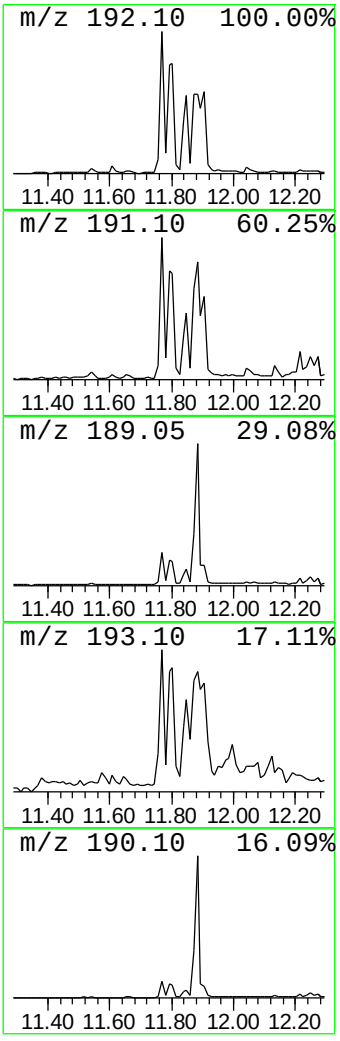
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.22 ng	315979	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090944.D
Acq On : 31 Oct 2016 22:33
Operator : UM/SJ
Sample : H5463-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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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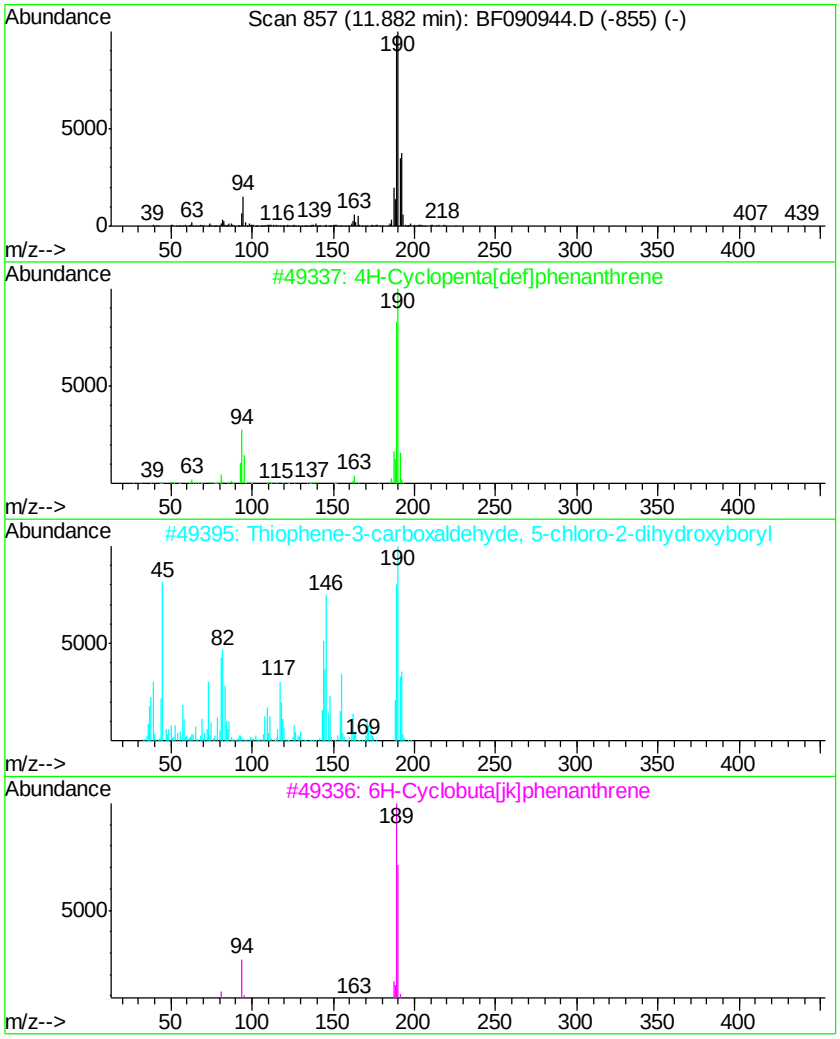
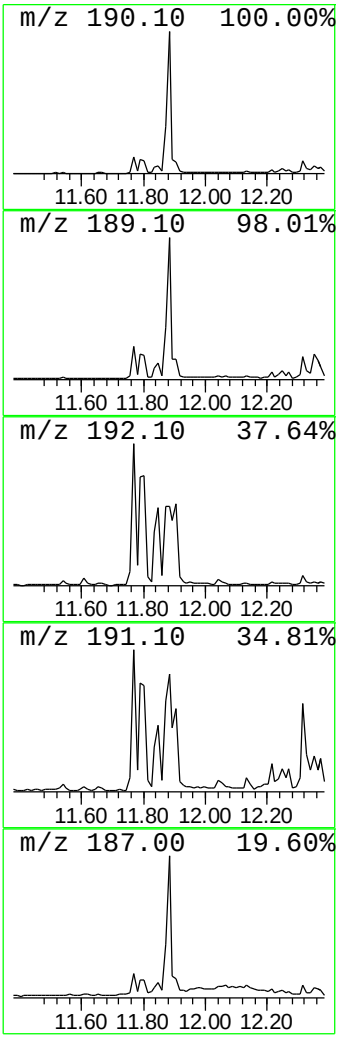
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	15.21 ng	772951	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





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Sample : H5463-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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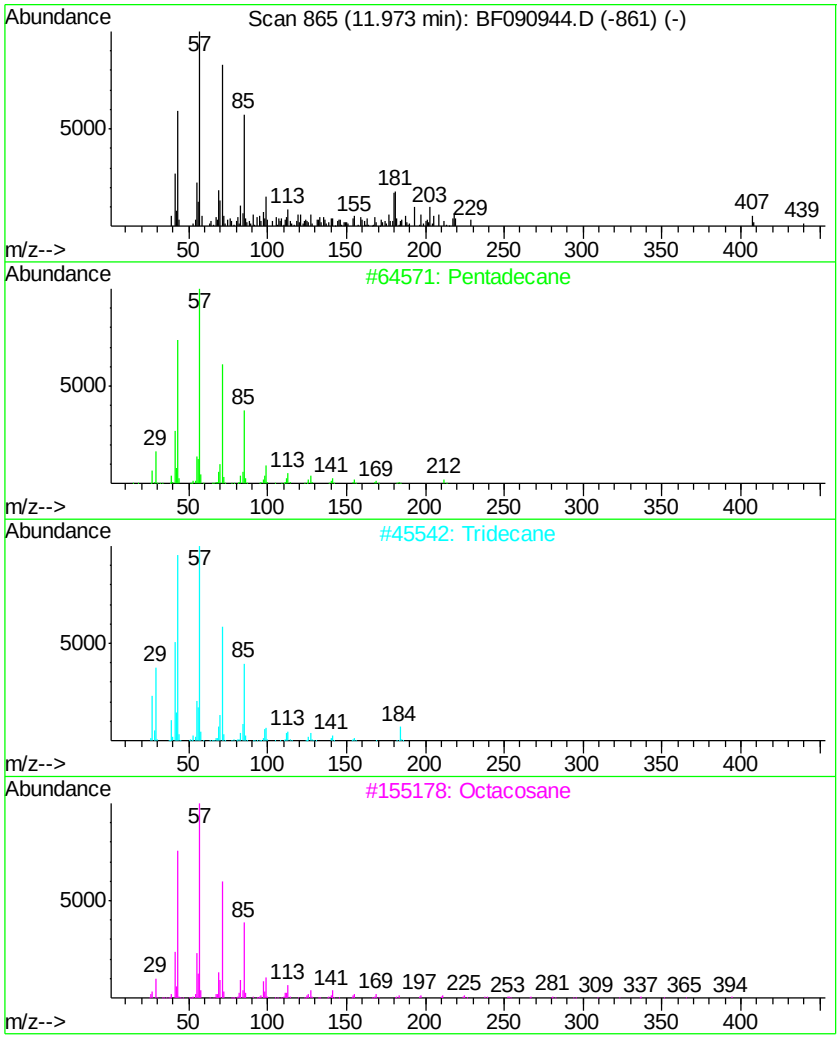
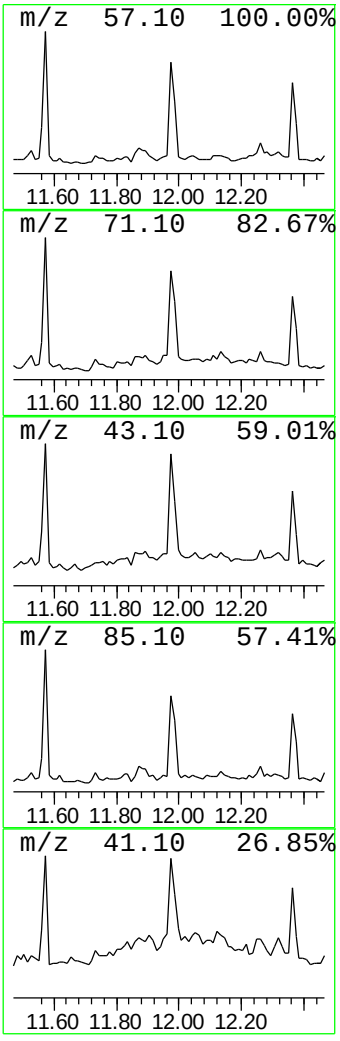
Peak Number 9 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.53 ng	280869	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Tridecane	184	C13H28	000629-50-5	64
3	Octacosane	394	C28H58	000630-02-4	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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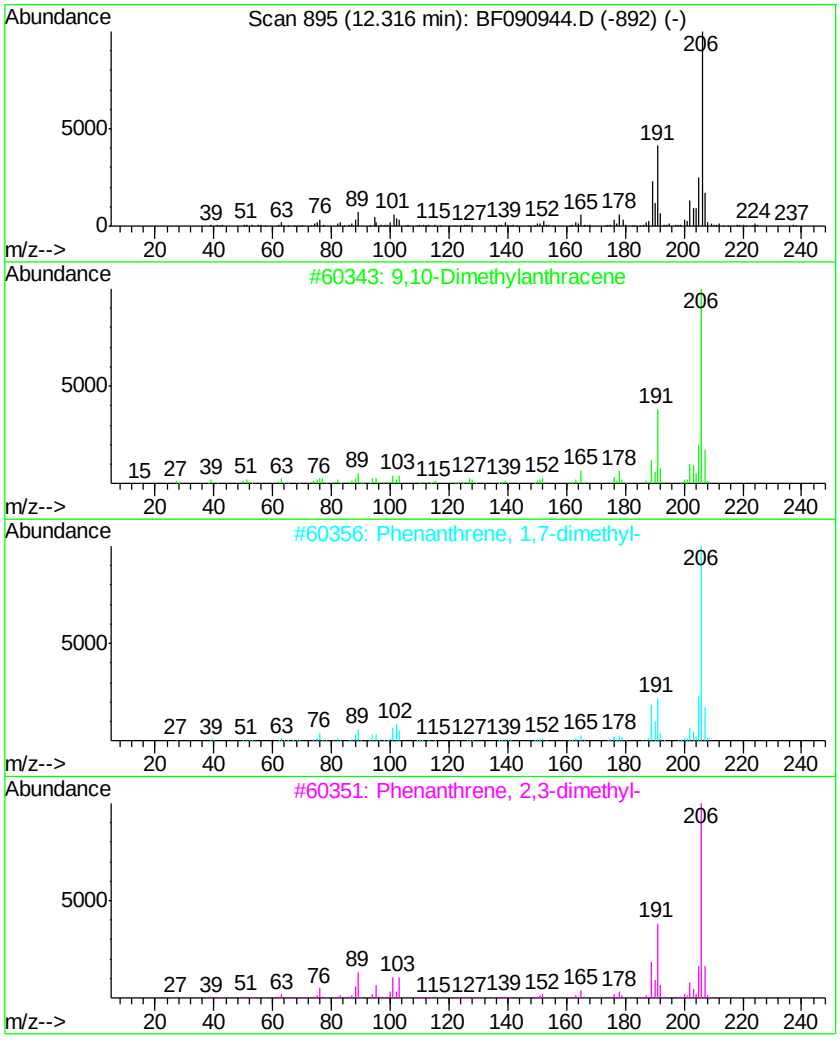
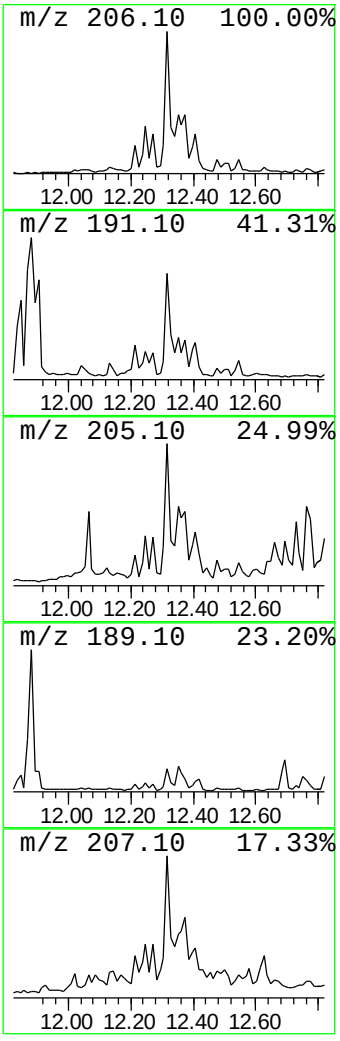
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	6.88 ng	349622	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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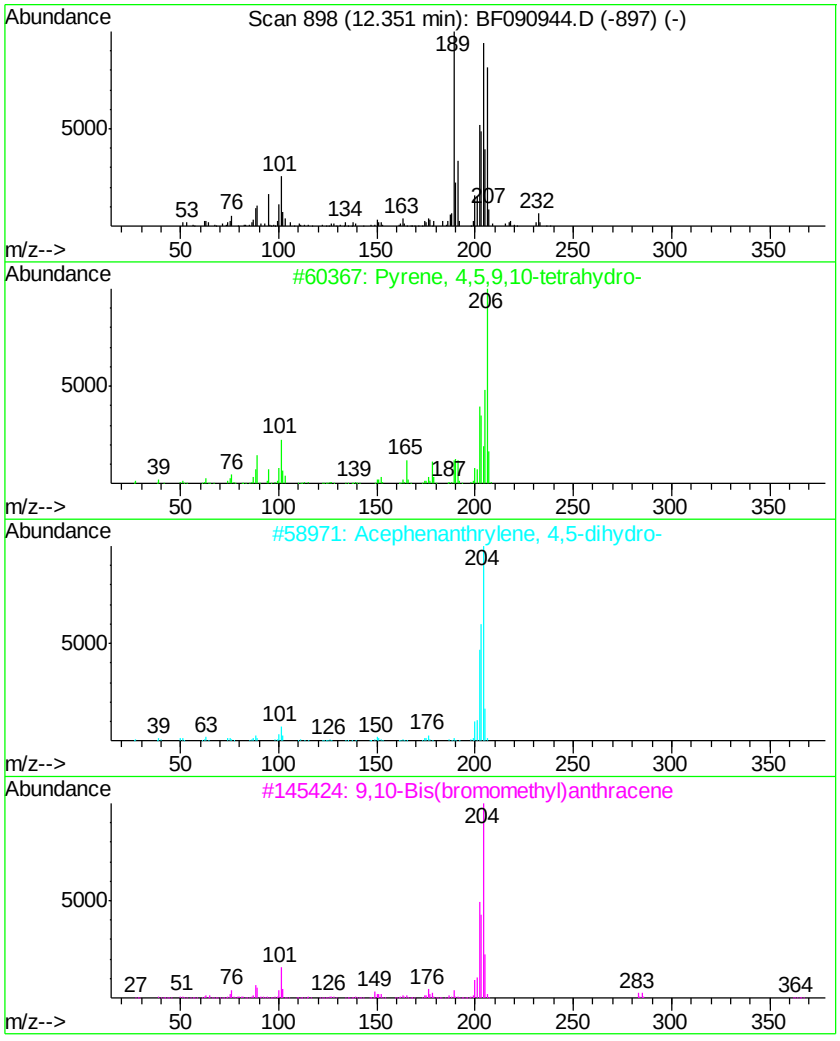
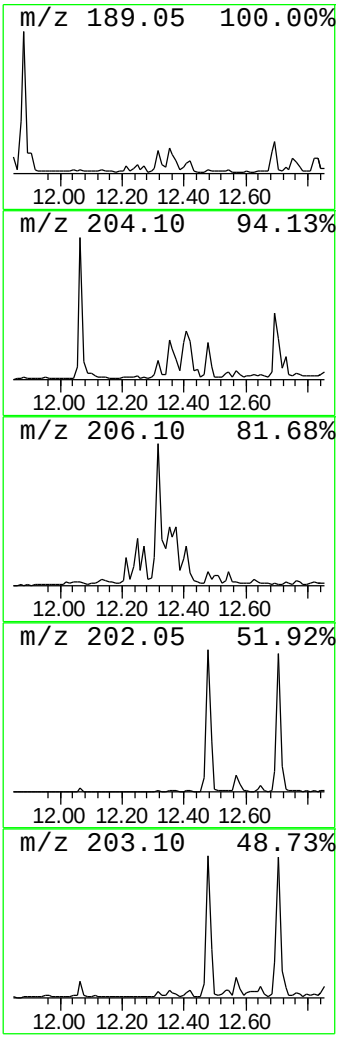
Peak Number 11 unknown12.35 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.55 ng	281827	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	30
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	25





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Sample : H5463-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(0-2)

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

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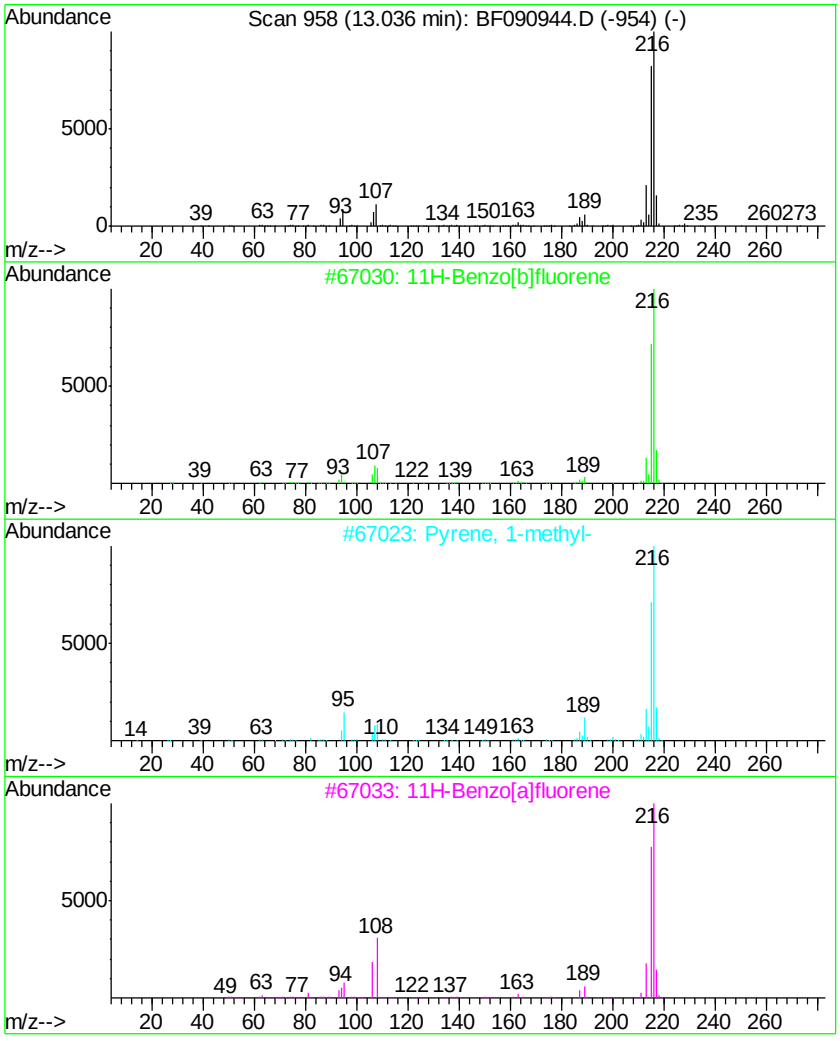
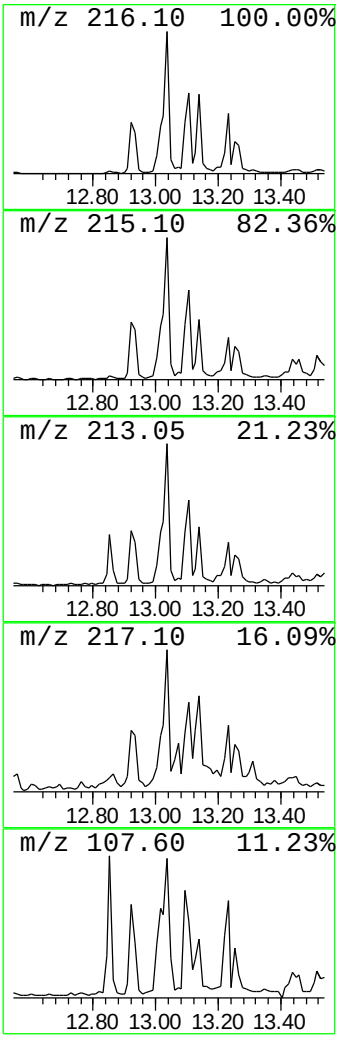
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	5.24 ng	858671	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
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	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Instrument : BNA_F
ClientSampleId : SB-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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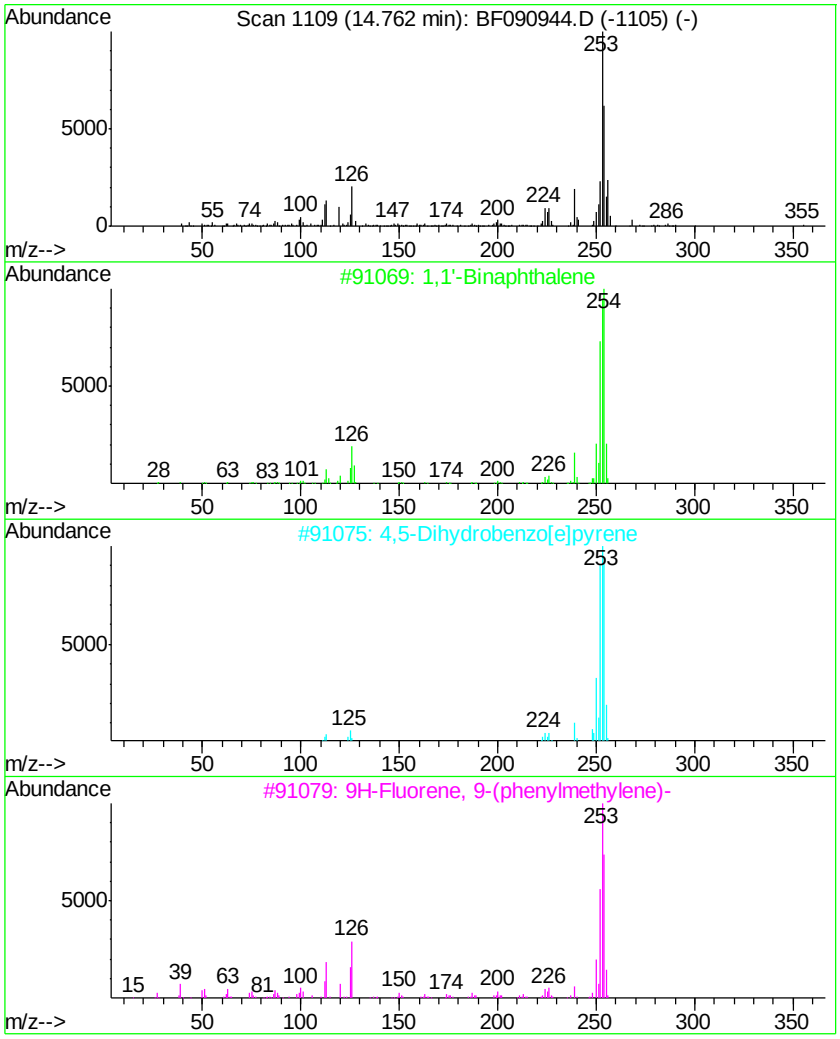
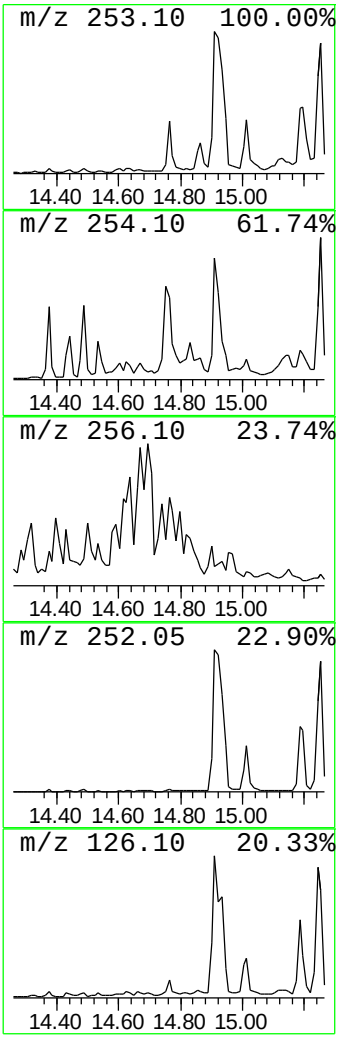
Peak Number 14 1,1'-Binaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	8.37 ng	421104	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	83
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
4	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	58
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	53





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Sample : H5463-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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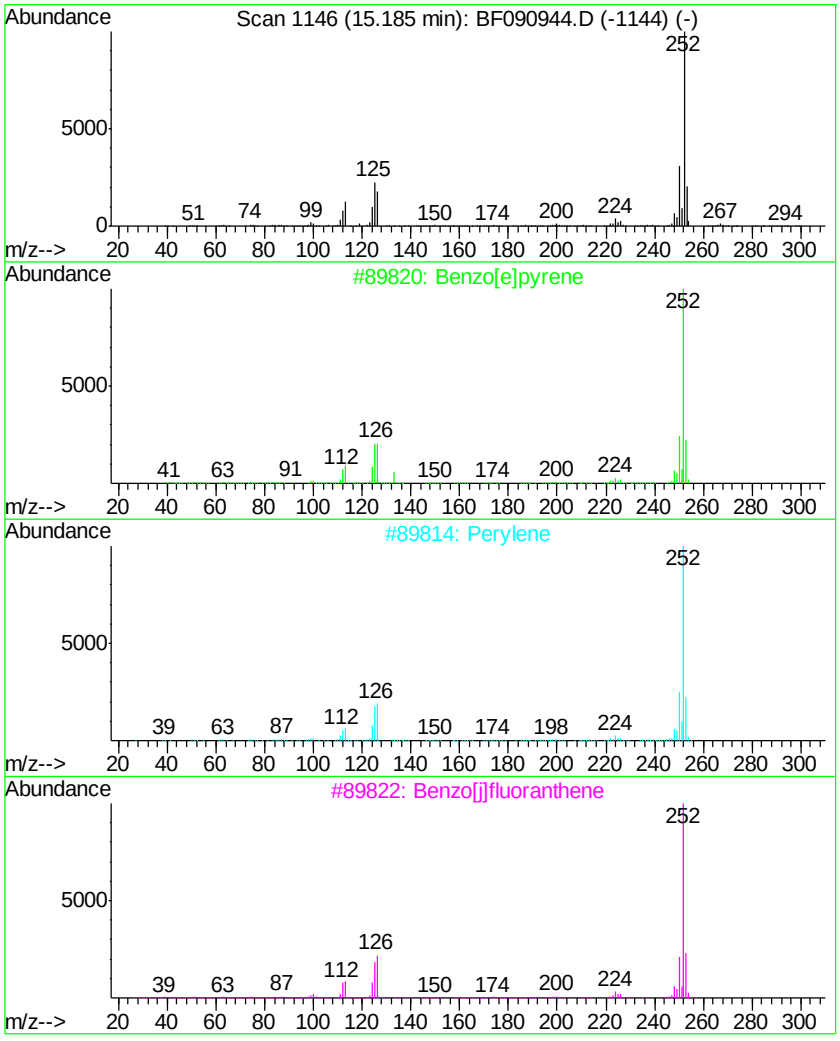
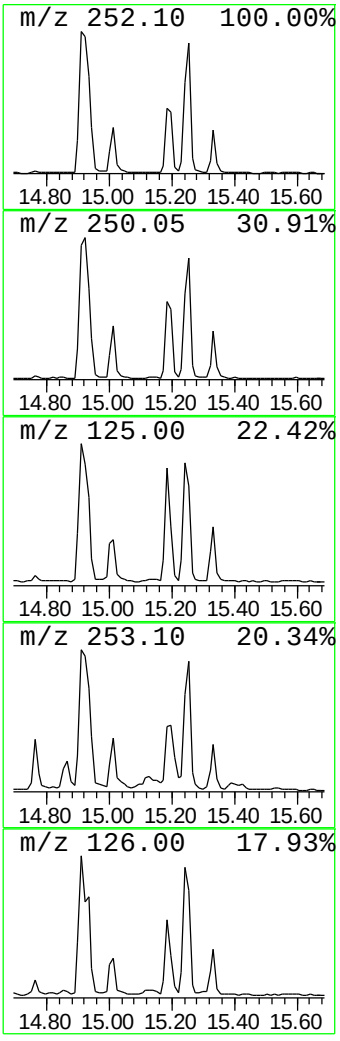
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	21.41 ng	1076500	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98





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Sample : H5463-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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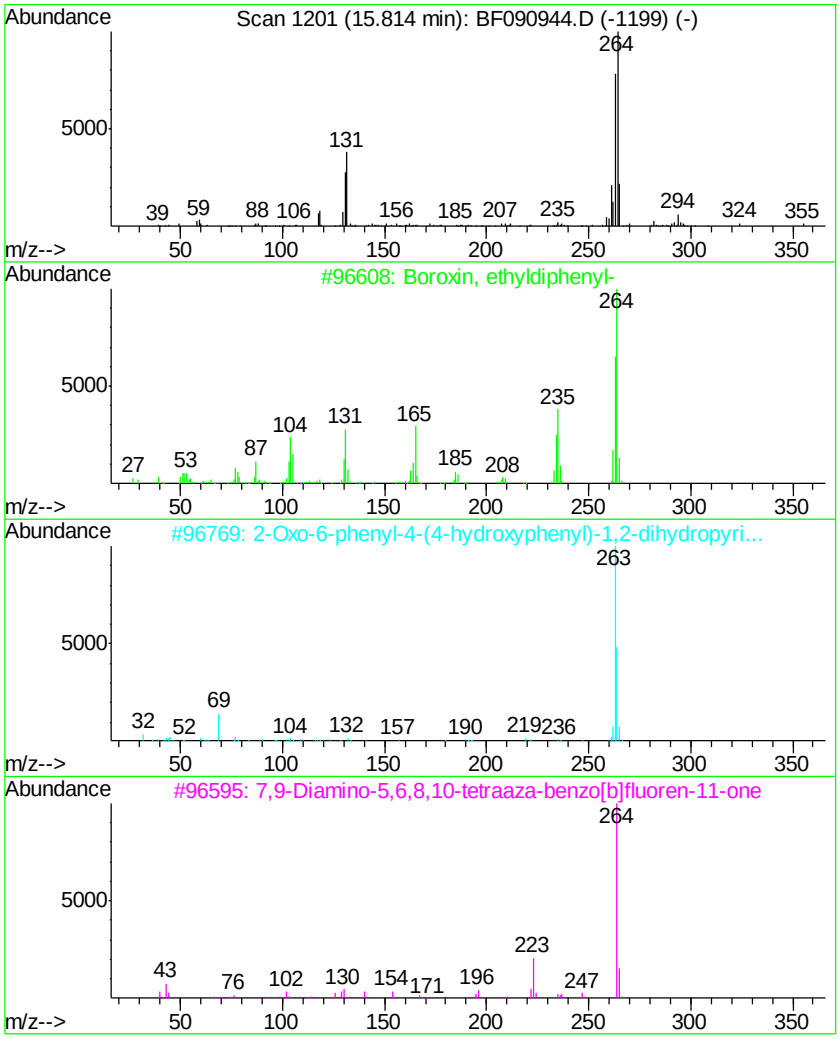
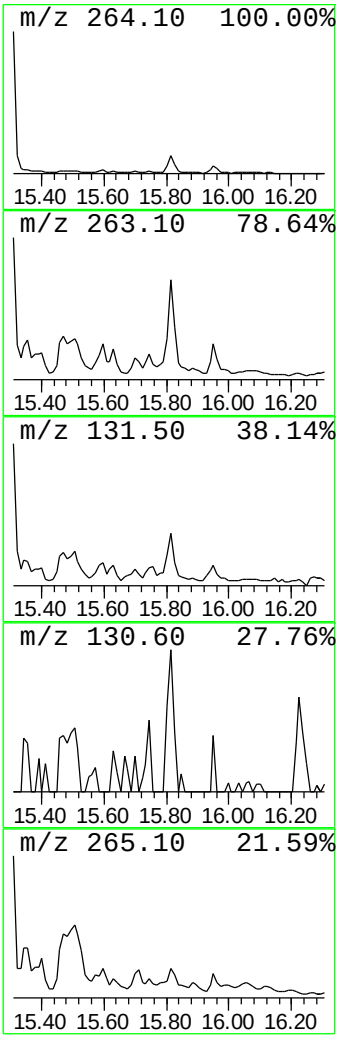
Peak Number 17 unknown15.81 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	6.45 ng	324391	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
2	2-Oxo-6-phenyl-4-(4-hydroxypheny...	264	C16H12N2O2	161200-20-0	12
3	7,9-Diamino-5,6,8,10-tetraaza-be...	264	C13H8N6O	052559-29-2	12
4	1,2-Diazine, 3,5-di[2-hydroxyphe...	264	C16H12N2O2	122763-54-6	12
5	7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	11





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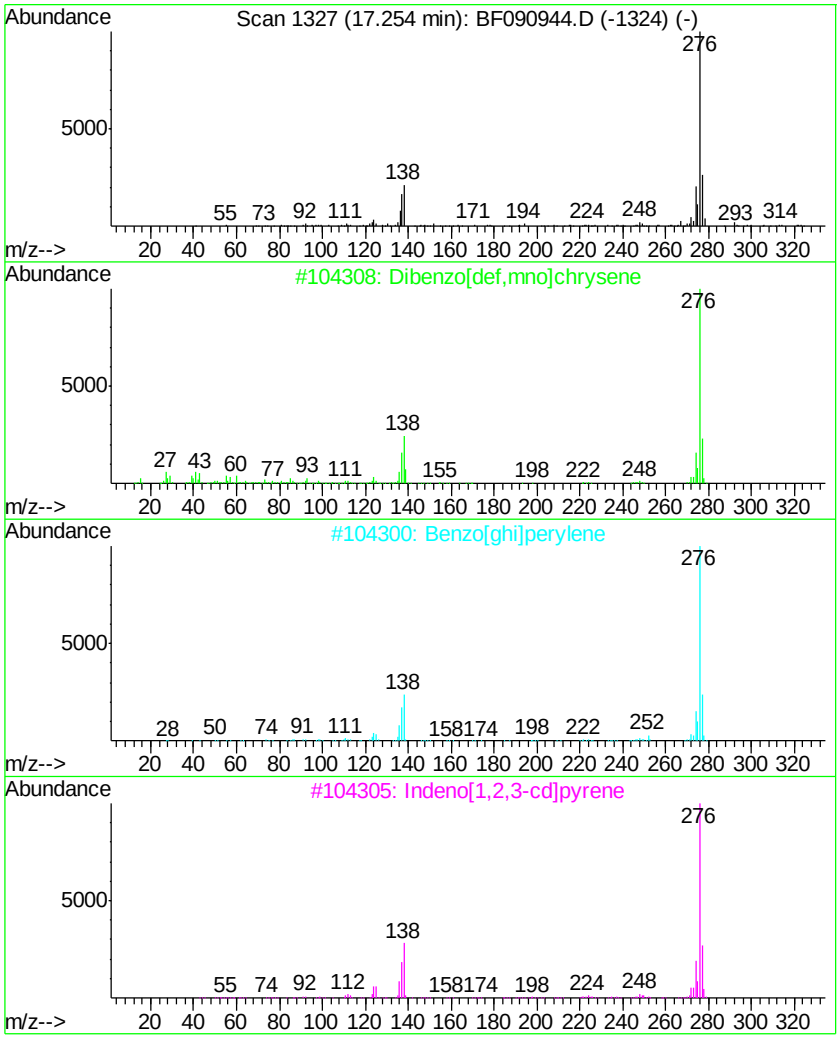
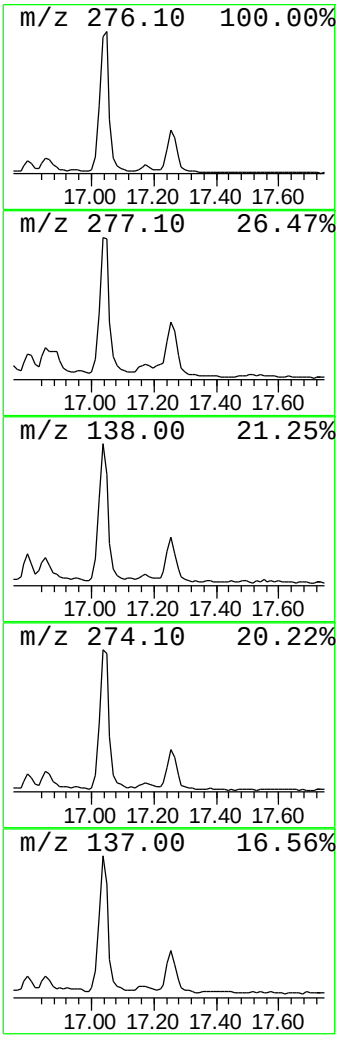
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	5.91 ng	297176	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	50
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50





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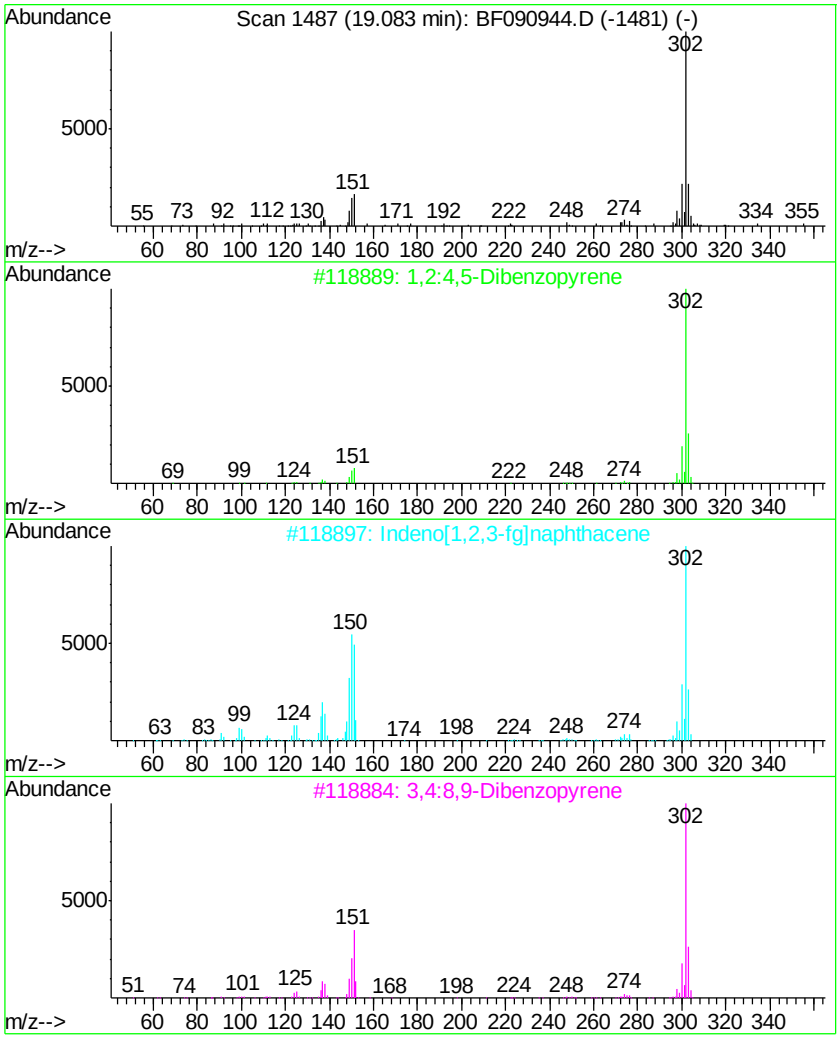
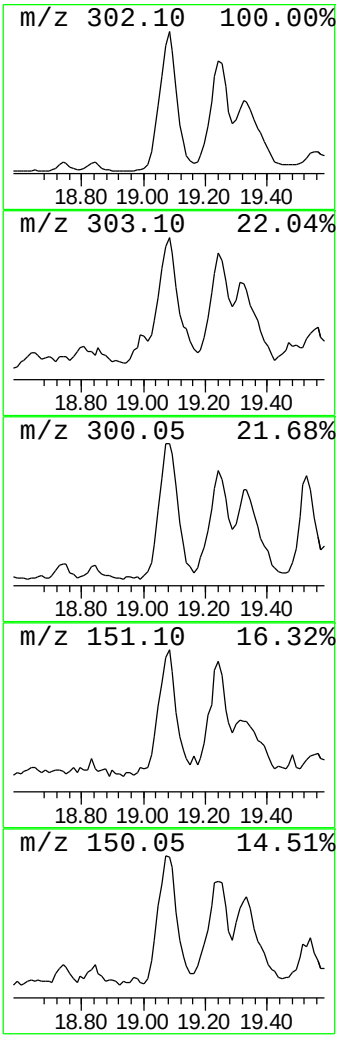
Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	6.43 ng	323148	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	94
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	21.6	ng	813087	1	6.75	754754	20.0
unknown6.52	6.52	101.3	ng	3822330	1	6.75	754754	20.0
Tridecane	11.15	4.7	ng	239293	4	11.26	1016420	20.0
Anthracene, 2-met...	11.77	4.9	ng	248766	4	11.26	1016420	20.0
Phenanthrene, 2-m...	11.79	6.2	ng	315979	4	11.26	1016420	20.0
4H-Cyclopenta[def...	11.88	15.2	ng	772951	4	11.26	1016420	20.0
Pentadecane	11.97	5.5	ng	280869	4	11.26	1016420	20.0
9,10-Dimethylanth...	12.32	6.9	ng	349622	4	11.26	1016420	20.0
unknown12.35	12.35	5.5	ng	281827	4	11.26	1016420	20.0
11H-Benzo[b]fluorene	13.04	5.2	ng	858671	5	13.90	3279370	20.0
1,1'-Binaphthalene	14.76	8.4	ng	421104	6	15.31	1005790	20.0
Benzo[e]pyrene	15.19	21.4	ng	1076500	6	15.31	1005790	20.0
unknown15.81	15.81	6.5	ng	324391	6	15.31	1005790	20.0
Dibenzo[def,mno]c...	17.25	5.9	ng	297176	6	15.31	1005790	20.0
1,2:4,5-Dibenzopy...	19.08	6.4	ng	323148	6	15.31	1005790	20.0