LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088438.D
Acq On : 27 Jun 2016 5:33
Operator : UM/SJ
Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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-BF060716.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	1.690	8	9	44	rVB	242054	560524	26.37%	1.919%
2	4.639	265	267	282	rBV	35615	69574	3.27%	0.238%
3	5.130	308	310	321	rBV	154790	249511	11.74%	0.854%
4	6.216	403	405	412	rBV	174608	251590	11.84%	0.861%
5	6.319	412	414	429	rVV	311827	348980	16.42%	1.194%
6	6.547	432	434	443	rBV	354162	377655	17.77%	1.293%
7	6.696	445	447	458	rVB	213732	283822	13.35%	0.971%
8	7.119	483	484	501	rBV	108551	188594	8.87%	0.646%
9	7.839	544	547	551	rBV2	405225	880639	41.43%	3.014%
10	8.548	607	609	613	rBV	117340	106505	5.01%	0.365%
11	8.639	615	617	620	rBV	56515	65684	3.09%	0.225%
12	8.913	639	641	643	rBV	377348	394416	18.55%	1.350%
13	9.313	674	676	678	rVV	69612	57569	2.71%	0.197%
14	9.576	697	699	701	rBV	664209	655232	30.82%	2.243%
15	9.610	701	702	704	rVV	583724	435734	20.50%	1.491%
16	9.782	715	717	719	rVV	157506	143609	6.76%	0.492%
17	10.125	745	747	749	rBV	212572	217156	10.22%	0.743%
18	10.182	749	752	753	rVV	33323	51249	2.41%	0.175%
19	10.365	763	768	771	rBV2	205679	226158	10.64%	0.774%
20	10.502	778	780	783	rVB	49485	78229	3.68%	0.268%
21	10.662	791	794	798	rBV4	25840	71175	3.35%	0.244%
22	10.799	803	806	810	rBV4	21252	60966	2.87%	0.209%
23	10.868	810	812	814	rVV	57813	61747	2.90%	0.211%
24	10.913	814	816	817	rVV	62448	62001	2.92%	0.212%
25	10.948	817	819	823	rVB	85626	100702	4.74%	0.345%
26	11.085	826	831	833	rBV2	1306974	2125780	100.00%	7.276%
27	11.131	833	835	837	rVV	423489	428511	20.16%	1.467%
28	11.165	837	838	846	rVB	53858	100975	4.75%	0.346%
29	11.291	846	849	853	rBV2	156298	274936	12.93%	0.941%
30	11.359	853	855	860	rVB3	22163	61494	2.89%	0.210%
31	11.554	870	872	873	rBV	150890	135244	6.36%	0.463%
32	11.576	873	874	877	rVV	135546	194168	9.13%	0.665%
33	11.634	877	879	880	rVV	51880	71036	3.34%	0.243%
34	11.656	880	881	887	rVB	229133	381168	17.93%	1.305%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SS-4

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.851	895	898	899	rVV	81688	80034	3.76%	0.274%
36	11.885	899	901	903	rVB	61143	56548	2.66%	0.194%
37	12.102	918	920	921	rBV	56620	63201	2.97%	0.216%
38	12.136	921	923	926	rVB2	34595	60243	2.83%	0.206%
39	12.194	926	928	931	rVB2	65383	79143	3.72%	0.271%
40	12.262	931	934	937	rBV	1612080	1676992	78.89%	5.740%
41	12.331	937	940	945	rVB2	38467	67022	3.15%	0.229%
42	12.411	945	947	948	rBV	67927	83306	3.92%	0.285%
43	12.491	951	954	956	rBV	1417984	1918829	90.26%	6.568%
44	12.536	956	958	962	rVB	82810	122145	5.75%	0.418%
45	12.628	962	966	970	rBV3	278754	496373	23.35%	1.699%
46	12.708	970	973	975	rBV2	91909	147394	6.93%	0.504%
47	12.811	978	982	984	rBV	258704	368146	17.32%	1.260%
48	12.879	986	988	989	rBV	215530	183893	8.65%	0.629%
49	12.914	989	991	995	rVB2	159027	269339	12.67%	0.922%
50	13.005	998	999	1000	rBV	78079	62065	2.92%	0.212%
51	13.039	1000	1002	1007	rVB2	79739	104897	4.93%	0.359%
52	13.234	1012	1019	1023	rBV3	86209	195475	9.20%	0.669%
53	13.291	1023	1024	1026	rBV2	31805	51881	2.44%	0.178%
54	13.325	1026	1027	1031	rVB	88916	109562	5.15%	0.375%
55	13.451	1034	1038	1039	rBV3	165645	334287	15.73%	1.144%
56	13.474	1039	1040	1044	rVB3	98637	221629	10.43%	0.759%
57	13.542	1044	1046	1049	rVB	105993	119396	5.62%	0.409%
58	13.599	1049	1051	1054	rVB	42134	50222	2.36%	0.172%
59	13.679	1054	1058	1059	rBV2	895802	1677237	78.90%	5.741%
60	13.714	1059	1061	1063	rVV	772254	1035227	48.70%	3.543%
61	13.782	1065	1067	1069	rVB	247325	224438	10.56%	0.768%
62	13.839	1069	1072	1074	rBV2	39708	86656	4.08%	0.297%
63	13.885	1074	1076	1078	rVV2	104078	166645	7.84%	0.570%
64	13.919	1078	1079	1083	rVB2	106133	106475	5.01%	0.364%
65	14.068	1087	1092	1094	rBV2	199828	373881	17.59%	1.280%
66	14.102	1094	1095	1096	rVV	77890	54703	2.57%	0.187%
67	14.160	1096	1100	1101	rVV4	111759	159519	7.50%	0.546%
68	14.205	1101	1104	1106	rVB3	121362	233979	11.01%	0.801%
69	14.388	1116	1120	1124	rBV3	99913	233546	10.99%	0.799%
70	14.457	1124	1126	1130	rVB4	24725	55308	2.60%	0.189%
71	14.548	1130	1134	1135	rBV2	115468	226182	10.64%	0.774%

LSC Area Percent Report

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Acq On : 27 Jun 2016 5:33
Operator : UM/SJ
Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.582	1135	1137	1140	rVB2	210117	224012	10.54%	0.767%
73	14.685	1143	1146	1149	rBV	873743	1857642	87.39%	6.358%
74	14.742	1149	1151	1152	rVB2	70351	71114	3.35%	0.243%
75	14.765	1152	1153	1158	rVB	314345	393028	18.49%	1.345%
76	14.857	1158	1161	1162	rBV2	49879	104031	4.89%	0.356%
77	14.880	1162	1163	1165	rVB2	56786	65013	3.06%	0.223%
78	14.925	1165	1167	1170	rBV	469162	658217	30.96%	2.253%
79	14.982	1170	1172	1175	rVB	672355	880654	41.43%	3.014%
80	15.040	1175	1177	1178	rBV	242078	355320	16.71%	1.216%
81	15.188	1187	1190	1191	rBV2	42865	83726	3.94%	0.287%
82	15.222	1191	1193	1197	rVB3	98961	174741	8.22%	0.598%
83	15.405	1206	1209	1211	rBV	114988	190432	8.96%	0.652%
84	15.497	1216	1217	1222	rVB	60540	99658	4.69%	0.341%
85	15.623	1226	1228	1236	rVB4	16736	44326	2.09%	0.152%
86	15.783	1239	1242	1246	rVB6	19109	51424	2.42%	0.176%
87	16.091	1267	1269	1271	rBV2	43484	74571	3.51%	0.255%
88	16.263	1281	1284	1288	rBV	370622	691142	32.51%	2.366%
89	16.400	1293	1296	1298	rBV	81710	148695	6.99%	0.509%
90	16.445	1298	1300	1304	rVB2	50017	95218	4.48%	0.326%
91	16.525	1304	1307	1310	rVB3	25954	66522	3.13%	0.228%
92	16.628	1313	1316	1325	rBV	280598	611317	28.76%	2.092%
93	16.834	1331	1334	1340	rVB	87456	202945	9.55%	0.695%
94	17.268	1369	1372	1377	rVB2	14648	45918	2.16%	0.157%
95	17.383	1378	1382	1386	rBV5	15973	51322	2.41%	0.176%
96	17.474	1386	1390	1396	rVB6	26251	83348	3.92%	0.285%
97	18.491	1472	1479	1485	rBV	60666	251363	11.82%	0.860%
98	18.663	1489	1494	1498	rBV	41995	151664	7.13%	0.519%
99	19.200	1539	1541	1553	rVB4	11656	47631	2.24%	0.163%
100	19.451	1558	1563	1567	rBV2	27842	113082	5.32%	0.387%

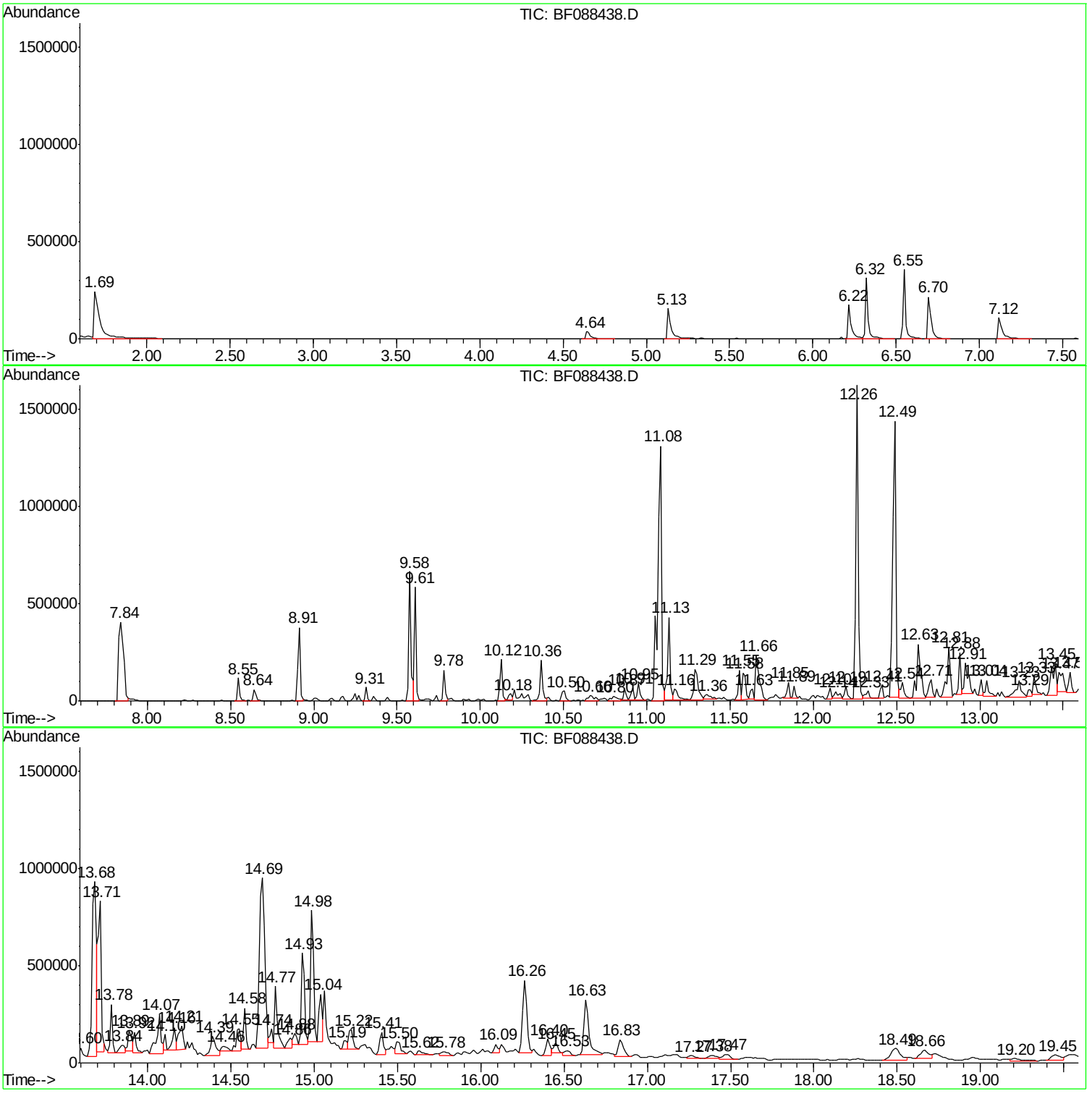
Sum of corrected areas: 29216227

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088438.D
Acq On : 27 Jun 2016 5:33
Operator : UM/SJ
Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF062616\
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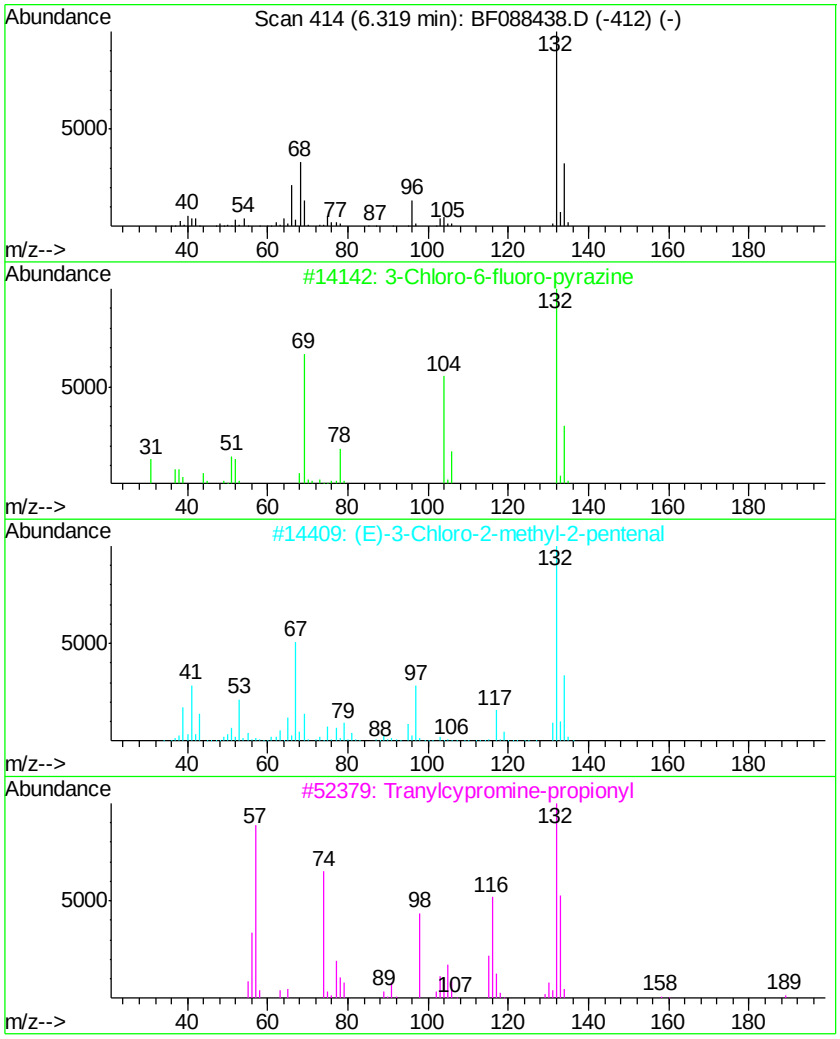
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

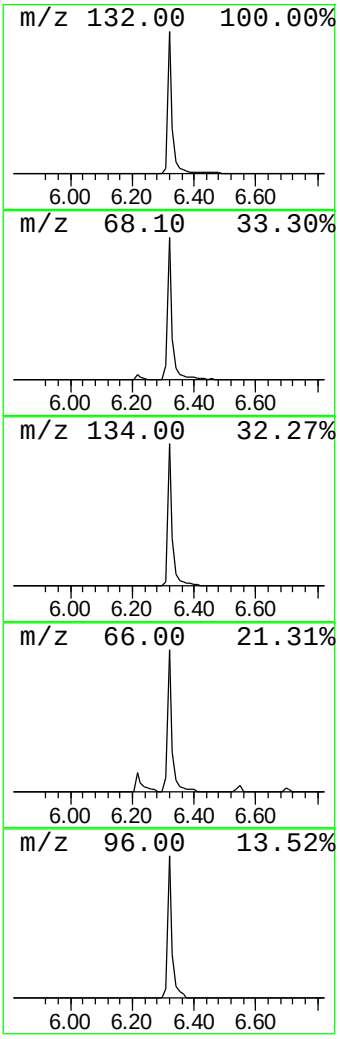
****

Peak Number 2 unknown6.32 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	18.48 ng	348980	1,4-Dichlorobenzene-d4	6.55

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	12
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088438.D
Acq On : 27 Jun 2016 5:33
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Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

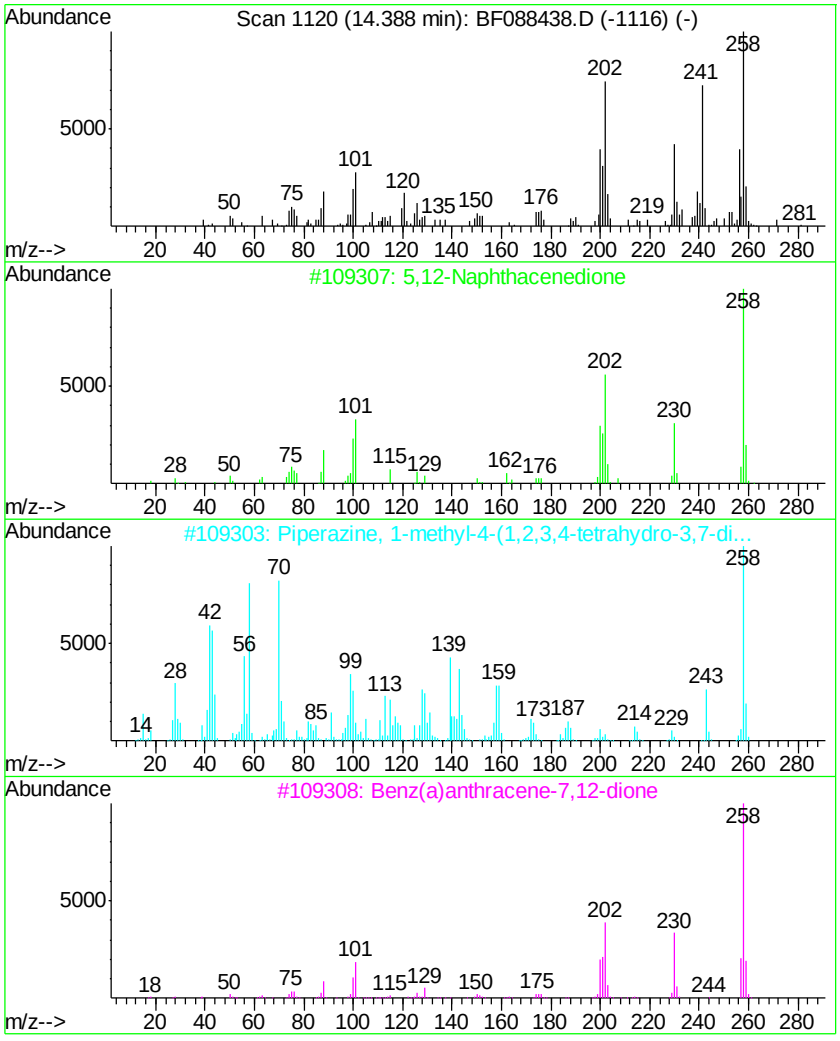
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

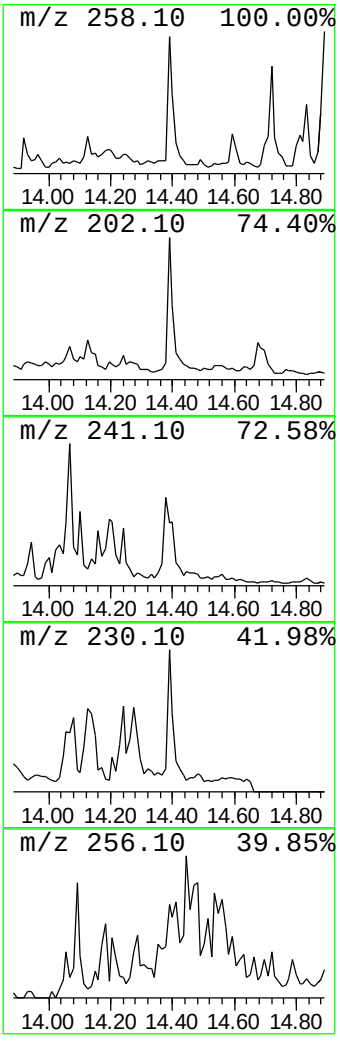
****

Peak Number 4 5,12-Naphthacenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	13.15 ng	233546	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	98
2	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89
4	Fluoranthene	202	C16H10	000206-44-0	58
5	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	53





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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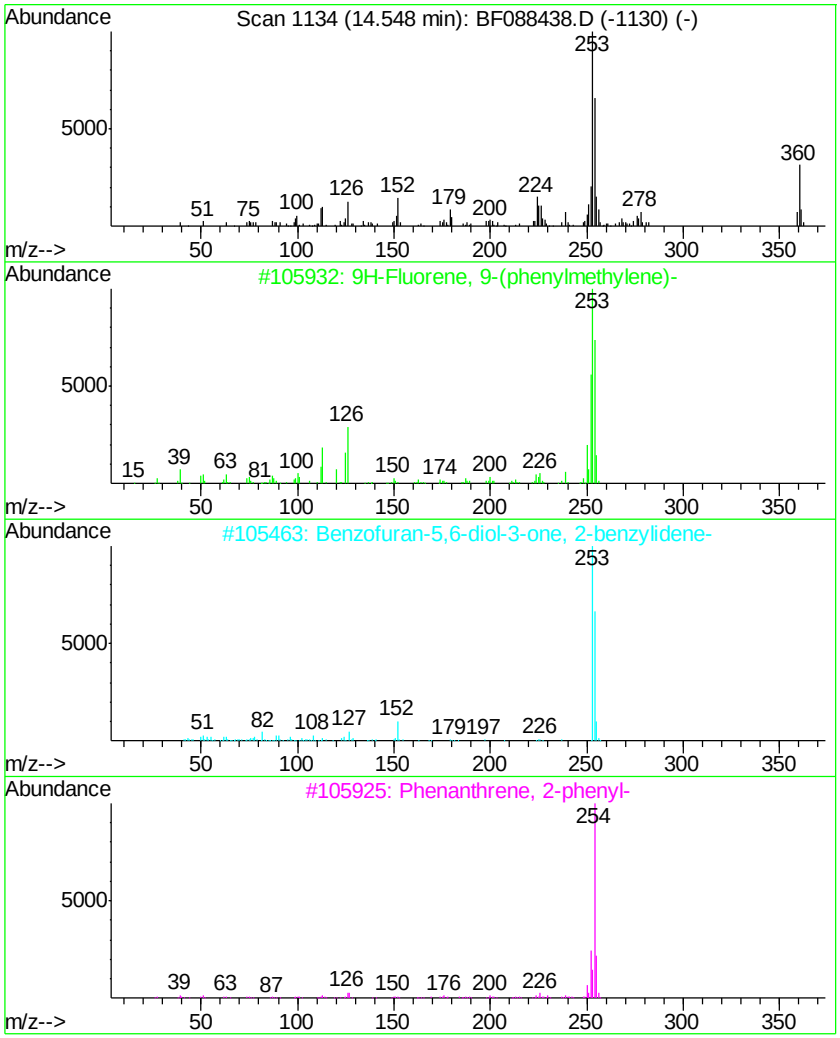
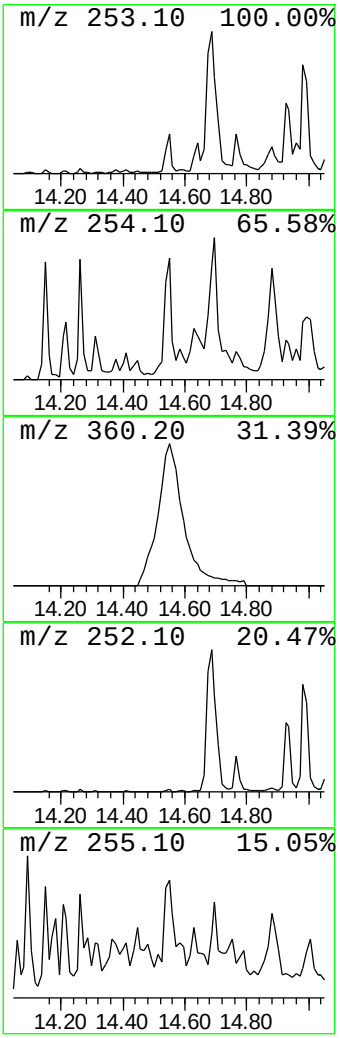
Peak Number 5 9H-Fluorene, 9-(phenylmethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	12.73 ng	226182	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58
2	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	49
3	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	47
4	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	47
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	46





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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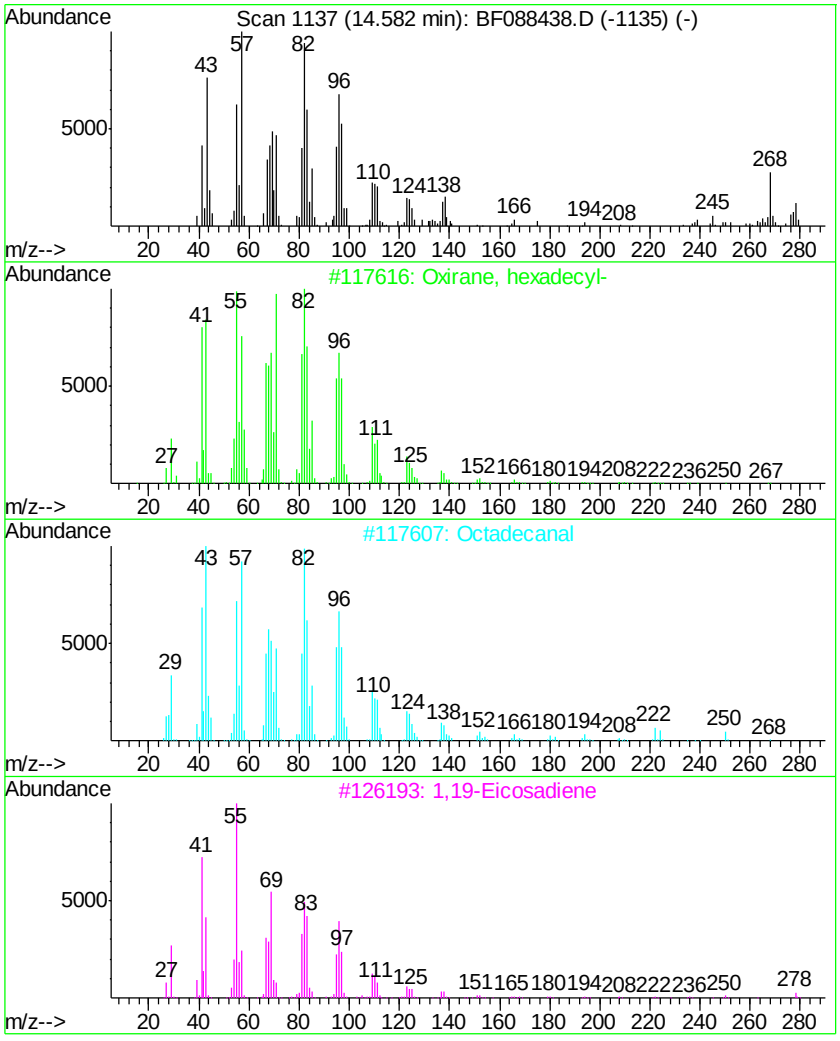
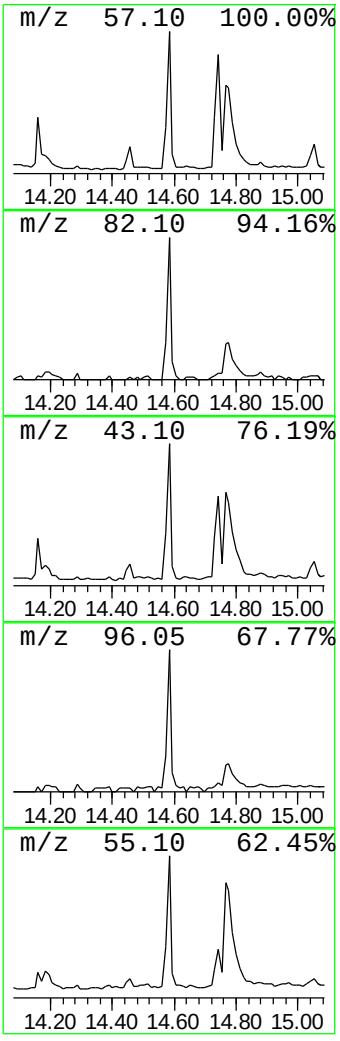
Peak Number 6 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	12.61 ng	224012	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	Octadecanal	268	C18H36O	000638-66-4	90
3	1,19-Eicosadiene	278	C20H38	014811-95-1	89
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088438.D
Acq On : 27 Jun 2016 5:33
Operator : UM/SJ
Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

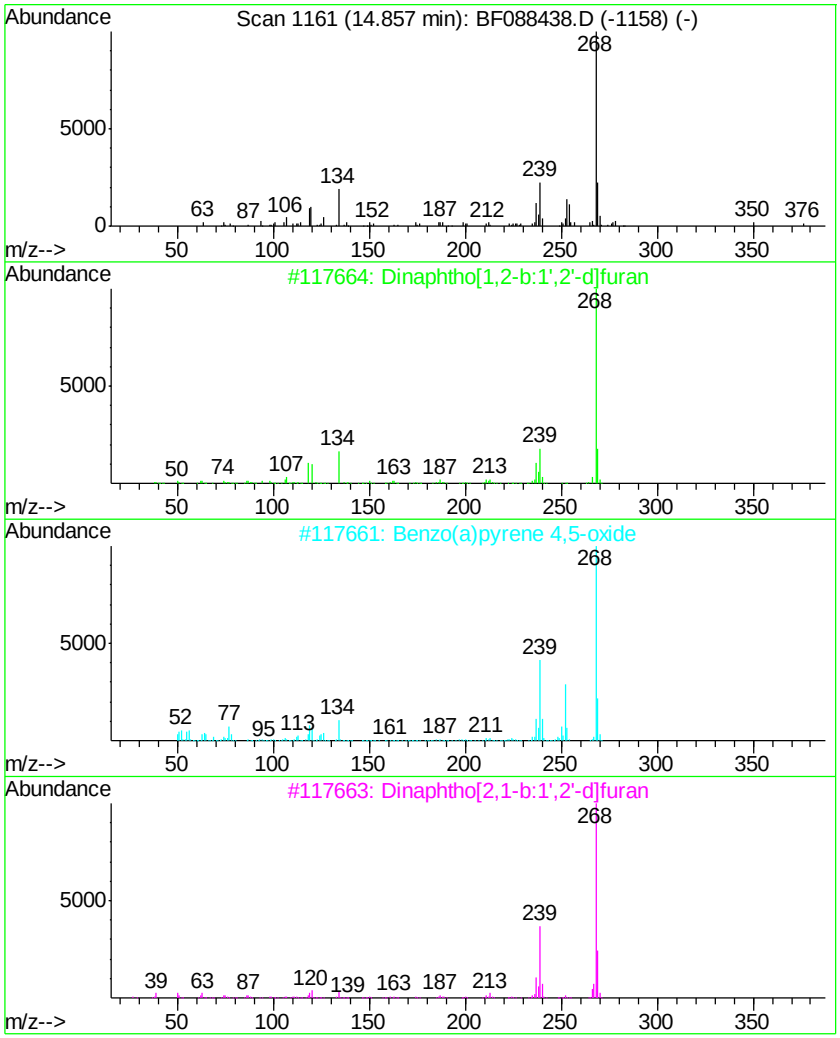
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

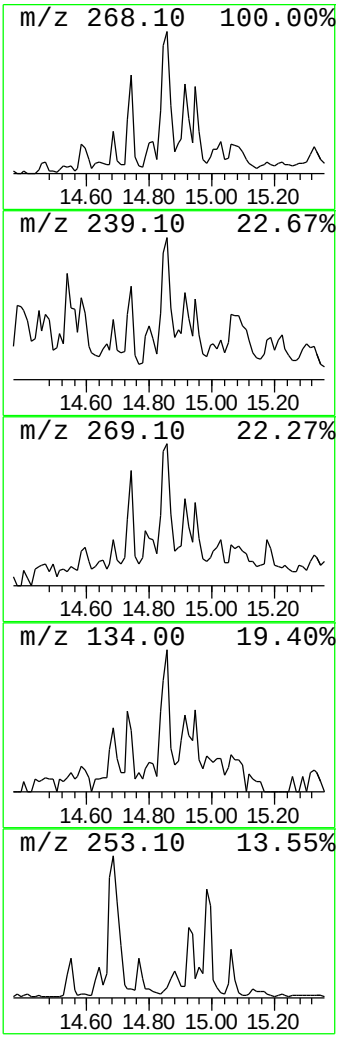
****

Peak Number 8 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	5.86 ng	104031	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	68
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
4	1-{4-[2-(4-Methoxymethylphenyl)v...	268	C18H20O2	1000202-15-4	58
5	Pyrrolo[3,2-f]quinolin-9-one, 1,...	268	C17H20N2O	1000302-73-3	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088438.D
Acq On : 27 Jun 2016 5:33
Operator : UM/SJ
Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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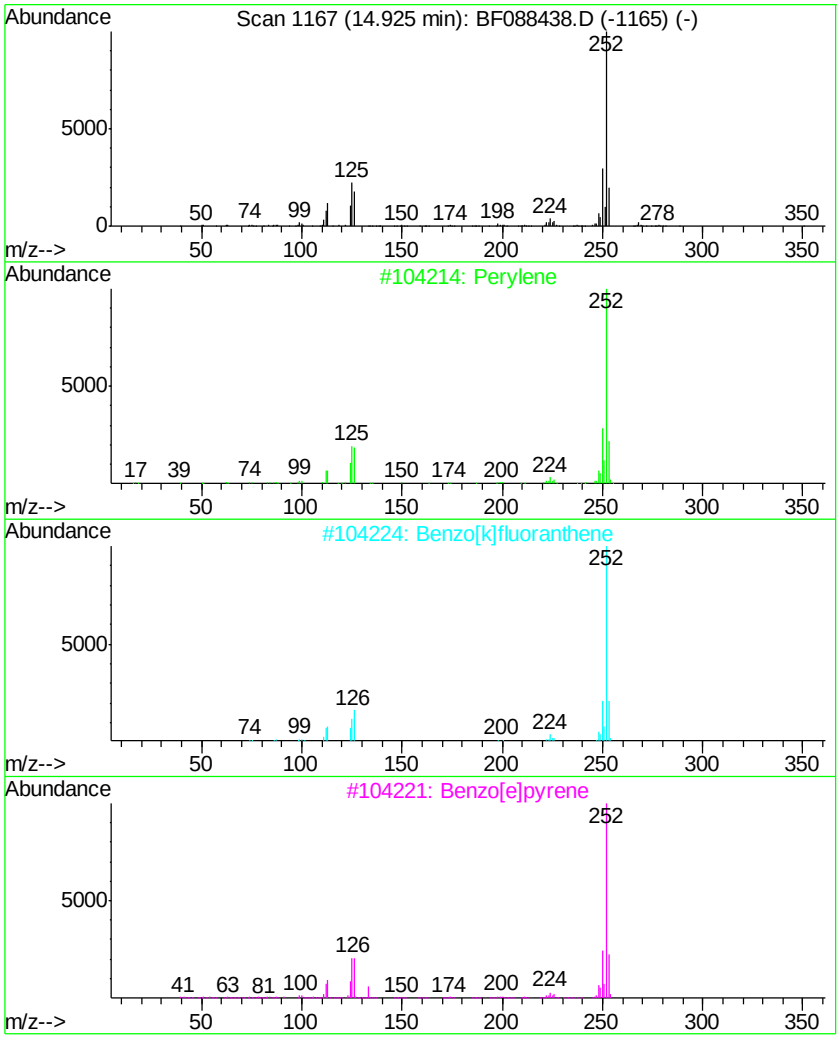
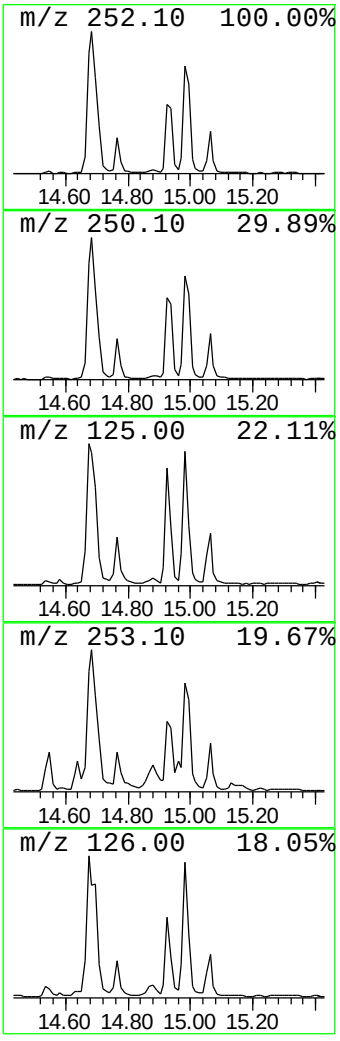
Peak Number 9 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	37.05 ng	658217	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





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Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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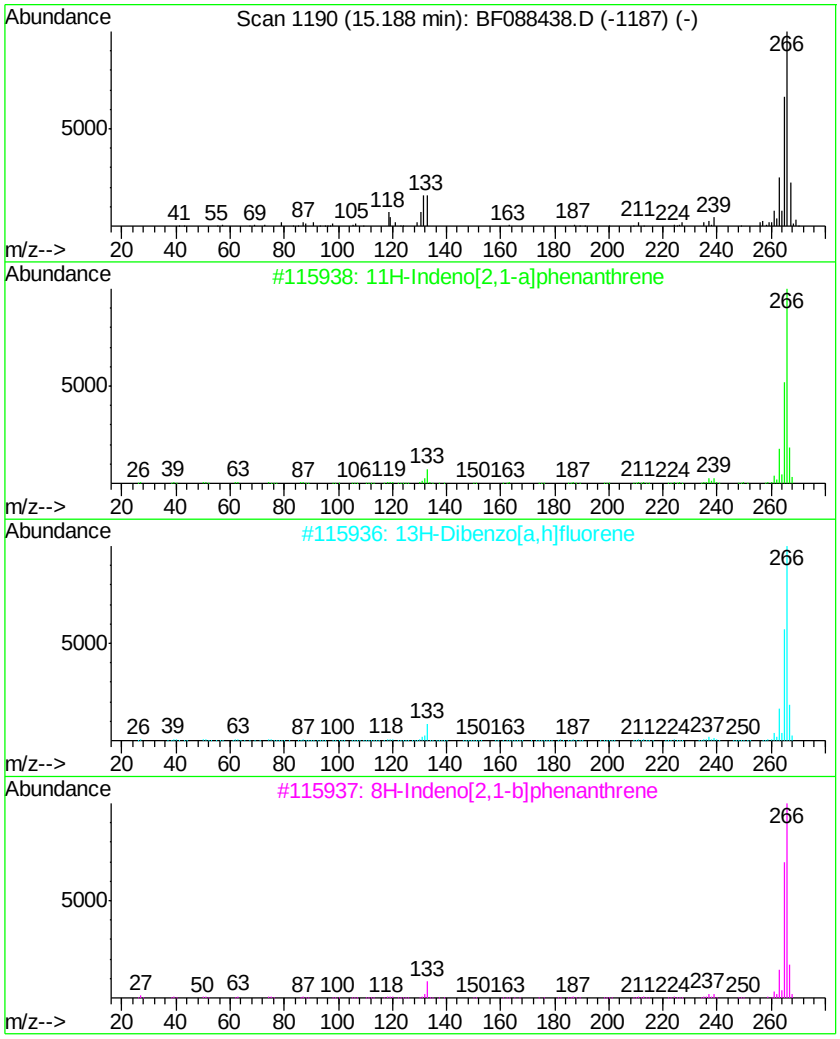
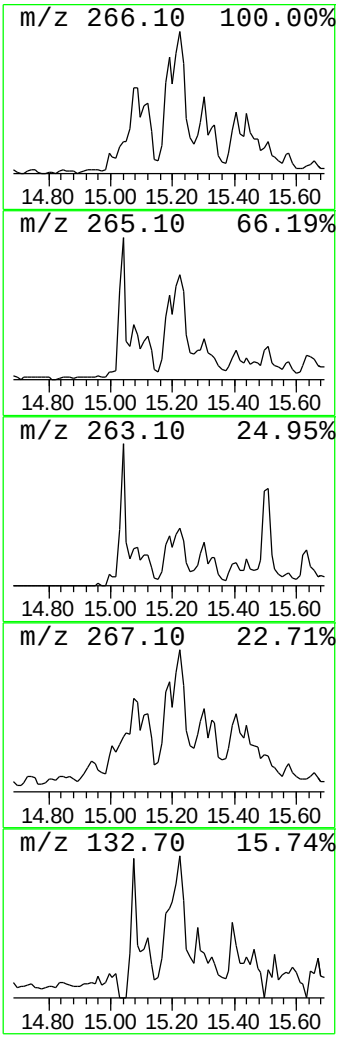
Peak Number 10 11H-Indeno[2,1-a]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.71 ng	83726	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	81
2	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	81
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	80
4	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	58
5	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	50





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Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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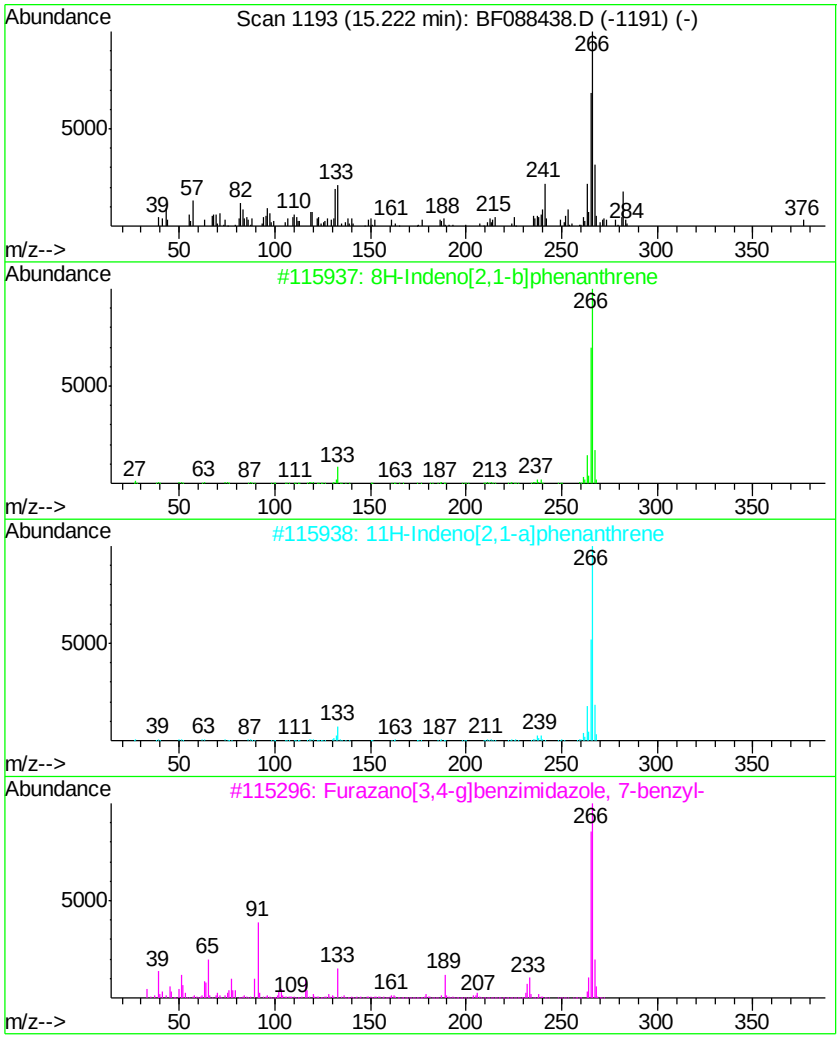
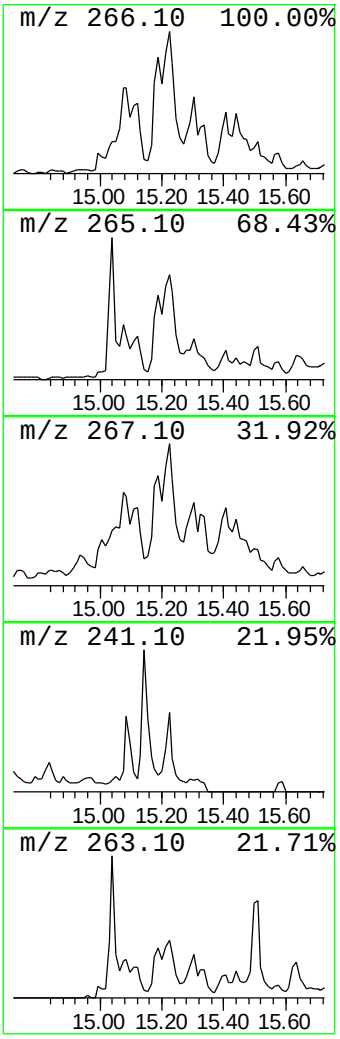
Peak Number 11 8H-Indeno[2,1-b]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	9.84 ng	174741	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	76
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	60
3	Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	50
4	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	49
5	5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	47





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Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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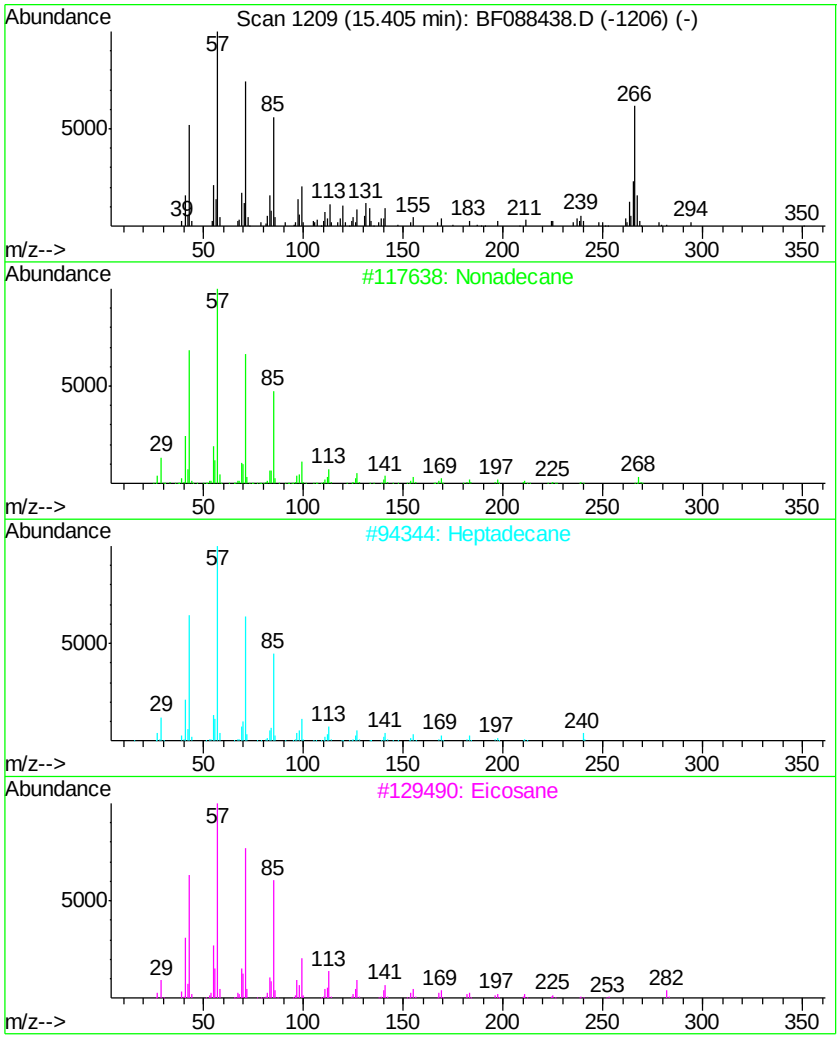
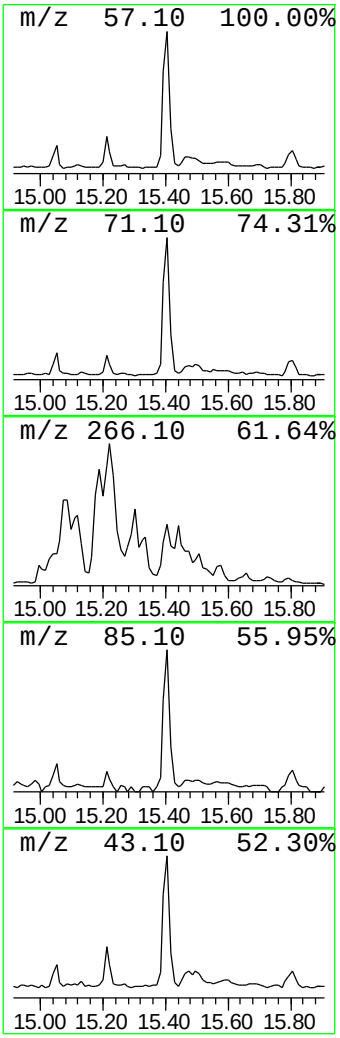
Peak Number 12 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	10.72 ng	190432	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Eicosane	282	C20H42	000112-95-8	60
4	Triacontane	422	C30H62	000638-68-6	60
5	Hexacosane	366	C26H54	000630-01-3	60





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ALS Vial : 26 Sample Multiplier: 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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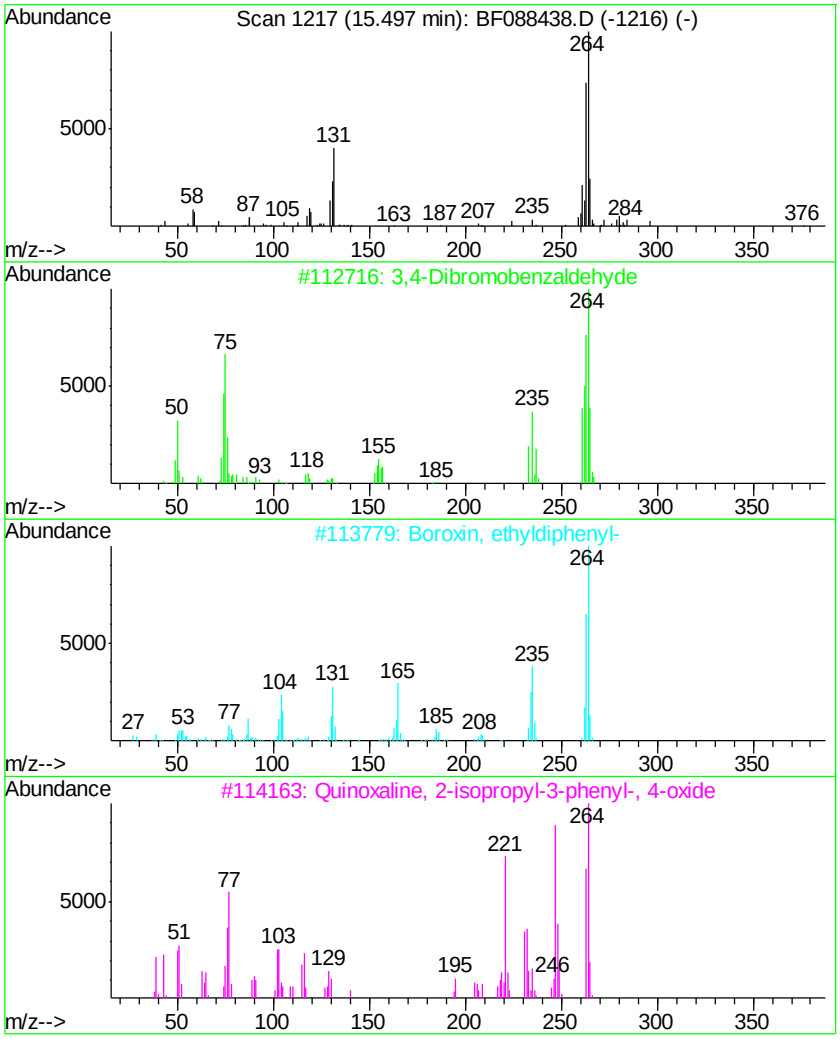
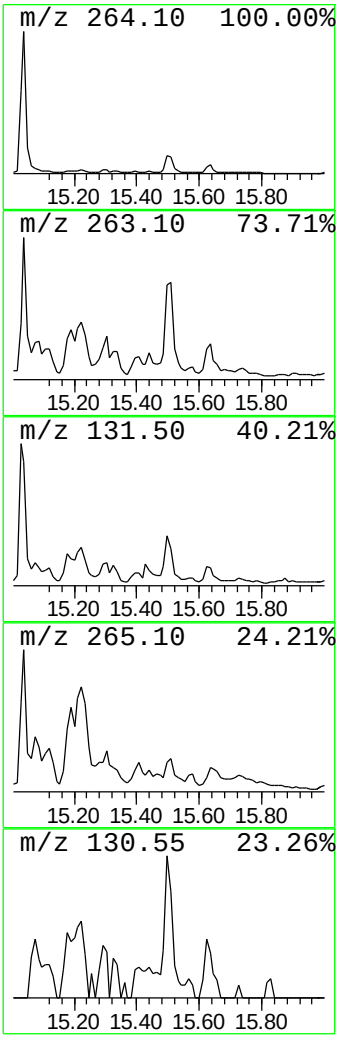
Peak Number 13 3,4-Dibromobenzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.61 ng	99658	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	53
3	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	38
4	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	35
5	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	28





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Sample : H3663-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
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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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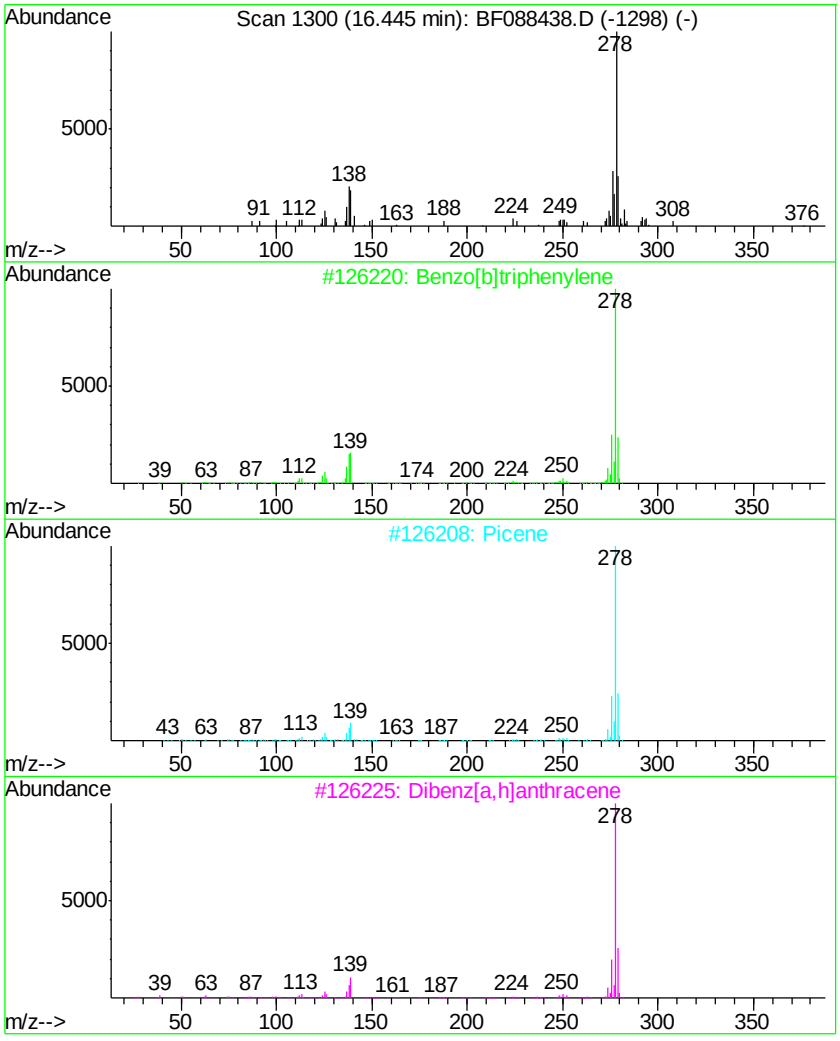
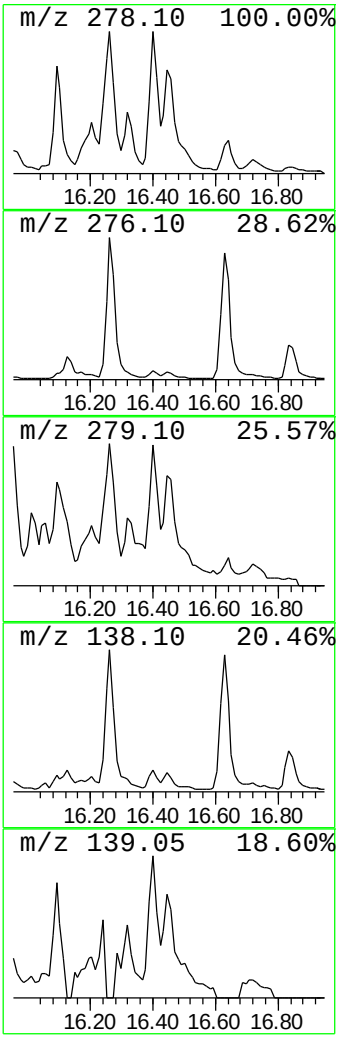
Peak Number 15 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	5.36 ng	95218	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	95
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	86
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	64





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Sample : H3663-06 5X
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Instrument : BNA_F
ClientSampleId : SS-4

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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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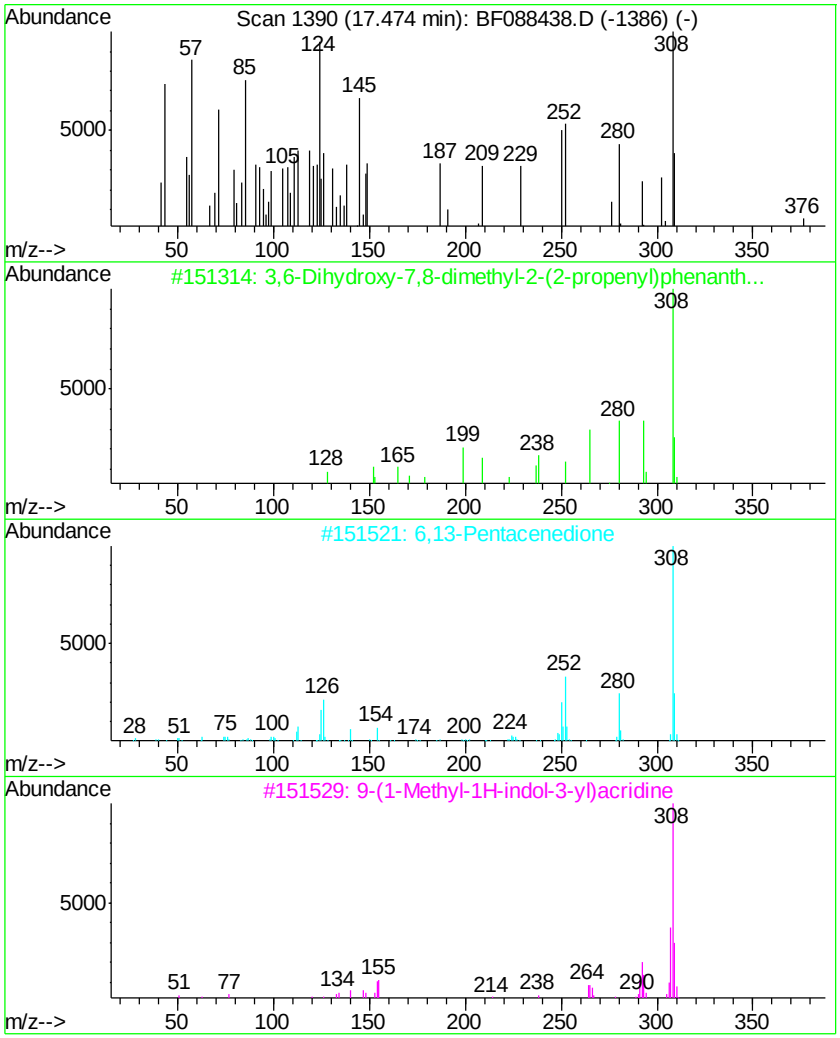
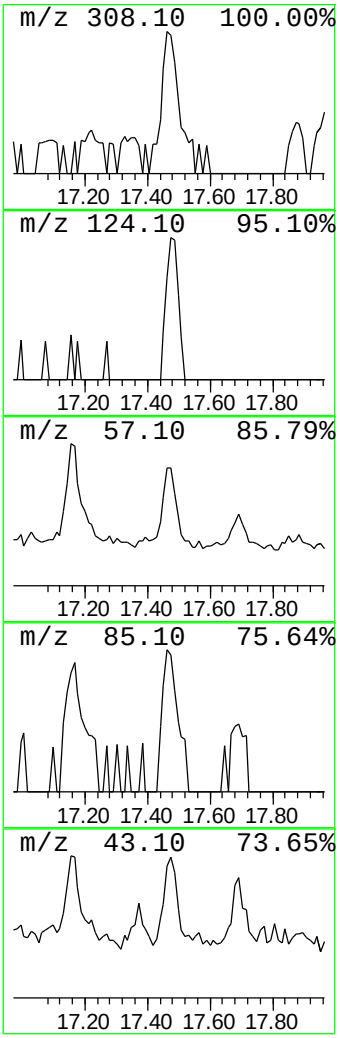
Peak Number 17 unknown17.47 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	4.69 ng	83348	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dihydroxy-7,8-dimethyl-2-(2-...	308	C19H16O4	106805-38-3	32
2	6,13-Pentacenedione	308	C22H12O2	003029-32-1	27
3	9-(1-Methyl-1H-indol-3-yl)acridine	308	C22H16N2	1000326-84-1	14
4	Triptindan-9-one	308	C23H16O	134939-91-6	9
5	4-Dimethylsulfamoyl-N-furan-2-yl...	308	C14H16N2O4S	1000294-26-2	9





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ClientSampleId : SS-4

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

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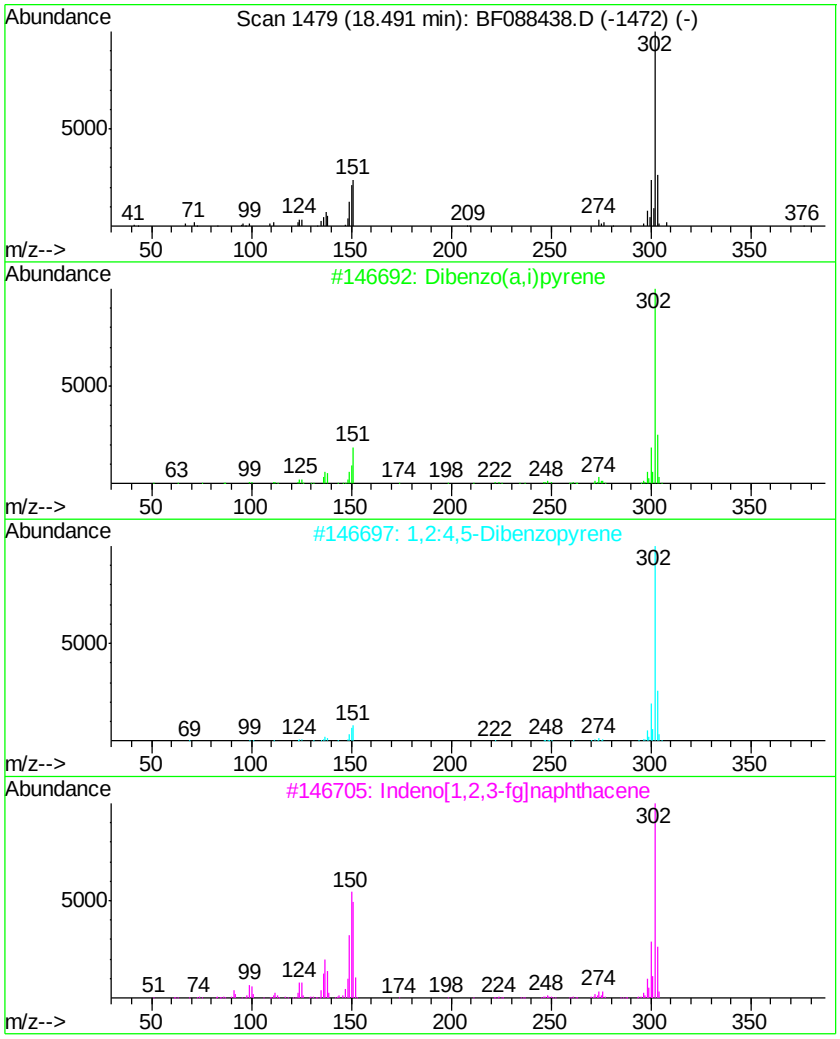
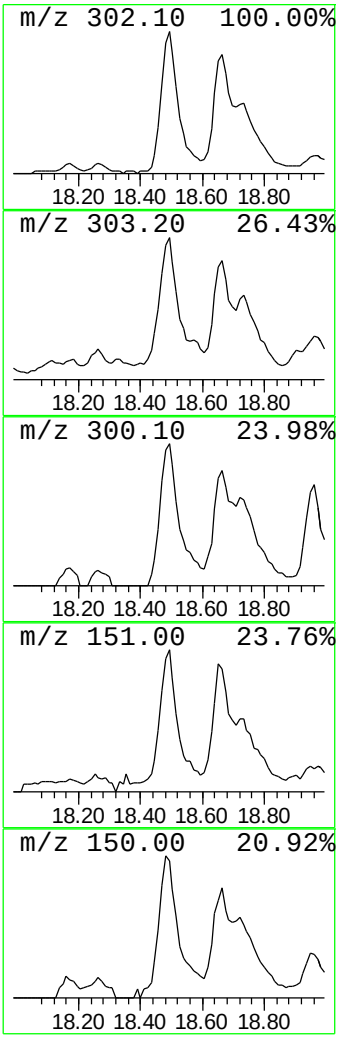
Peak Number 18 Dibenzo(a,i)pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	14.15 ng	251363	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	91
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	91
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	91





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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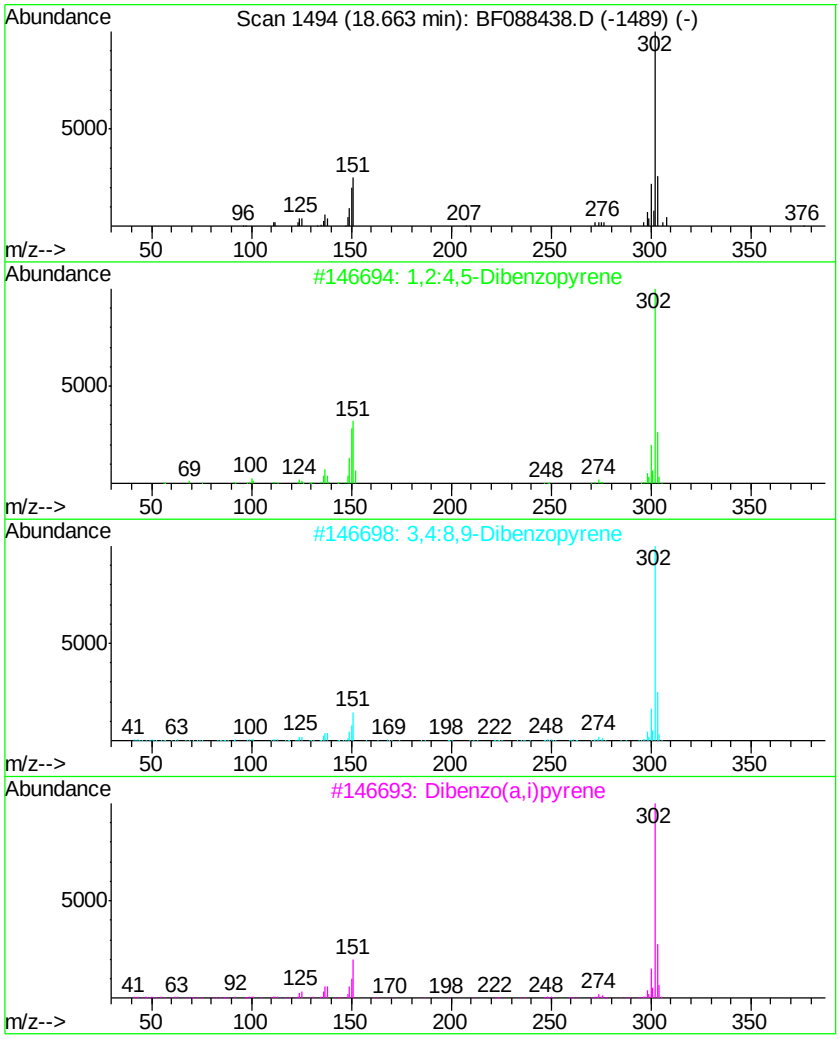
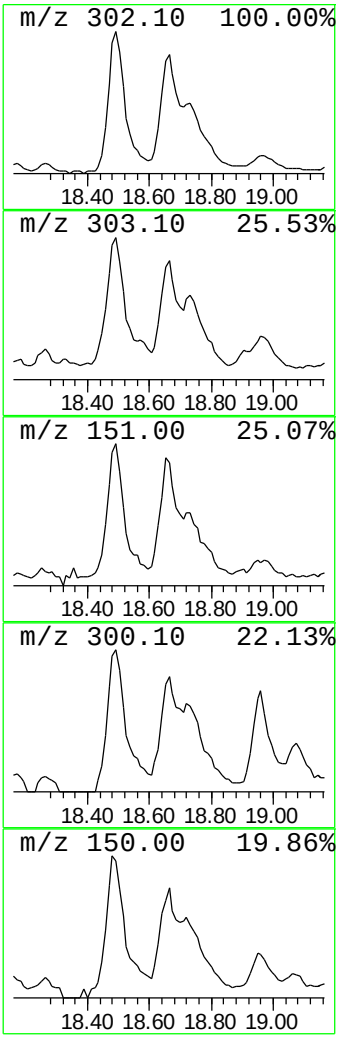
Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	8.54 ng	151664	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	89
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	70





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Misc :
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Instrument : BNA_F
ClientSampleId : SS-4

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

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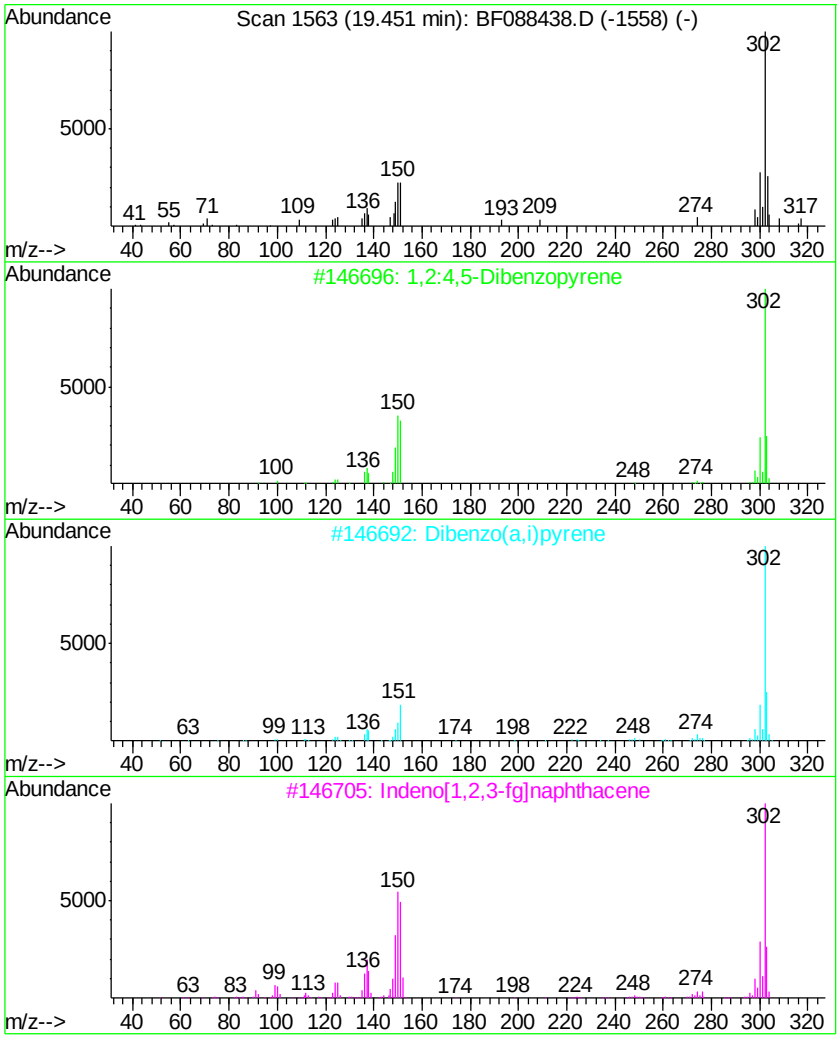
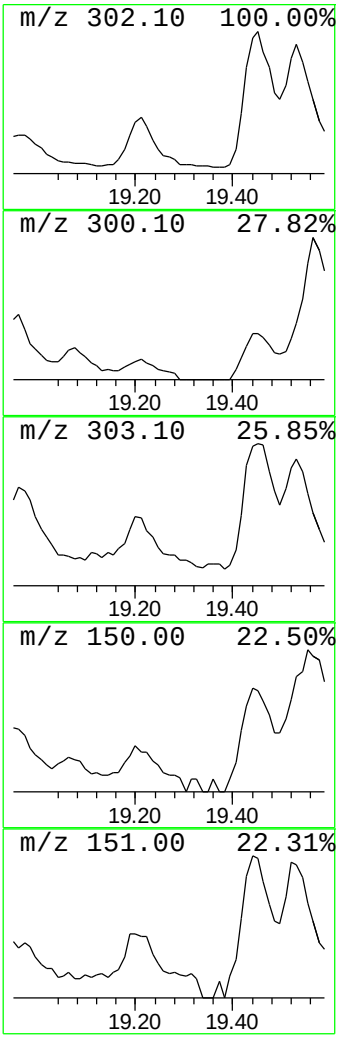
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	6.37 ng	113082	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	94
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	86
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.32	6.32	18.5	ng	348980	1	6.55	377655	20.0
5,12-Naphthacened...	14.39	13.2	ng	233546	6	15.04	355320	20.0
9H-Fluorene, 9-(p...	14.55	12.7	ng	226182	6	15.04	355320	20.0
Oxirane, hexadecyl-	14.58	12.6	ng	224012	6	15.04	355320	20.0
Dinaphtho[1,2-b:1...	14.86	5.9	ng	104031	6	15.04	355320	20.0
Perylene	14.93	37.0	ng	658217	6	15.04	355320	20.0
11H-Indeno[2,1-a]...	15.19	4.7	ng	83726	6	15.04	355320	20.0
8H-Indeno[2,1-b]p...	15.22	9.8	ng	174741	6	15.04	355320	20.0
Nonadecane	15.41	10.7	ng	190432	6	15.04	355320	20.0
3,4-Dibromobenzal...	15.50	5.6	ng	99658	6	15.04	355320	20.0
Benzo[b]triphenylene	16.45	5.4	ng	95218	6	15.04	355320	20.0
unknown17.47	17.47	4.7	ng	83348	6	15.04	355320	20.0
Dibenzo(a,i)pyrene	18.49	14.2	ng	251363	6	15.04	355320	20.0
1,2:4,5-Dibenzopy...	18.66	8.5	ng	151664	6	15.04	355320	20.0
1,2:4,5-Dibenzopy...	19.45	6.4	ng	113082	6	15.04	355320	20.0