LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088427.D
Acq On : 26 Jun 2016 19:26
Operator : UM/SJ
Sample : H3663-16 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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	38	rVB	211397	449946	11.02%	0.895%
2	4.650	266	268	283	rBV	126627	195592	4.79%	0.389%
3	5.130	307	310	326	rBV	470861	776380	19.02%	1.545%
4	6.216	403	405	412	rBV	521172	850362	20.83%	1.692%
5	6.319	412	414	417	rBV	770390	855577	20.96%	1.702%
6	6.547	432	434	445	rBV	380376	426092	10.44%	0.848%
7	6.696	445	447	457	rVV2	626635	767520	18.80%	1.527%
8	7.119	482	484	495	rVB	470819	525723	12.88%	1.046%
9	7.862	544	549	551	rBV2	1785676	2702364	66.21%	5.376%
10	7.908	551	553	562	rVB	56508	114041	2.79%	0.227%
11	8.548	607	609	611	rBV	822767	741336	18.16%	1.475%
12	8.639	615	617	620	rVB	401307	409394	10.03%	0.814%
13	8.913	638	641	643	rBV	959837	1037209	25.41%	2.063%
14	9.005	648	649	654	rVV	126333	171046	4.19%	0.340%
15	9.096	655	657	661	rVV	66061	101630	2.49%	0.202%
16	9.165	661	663	668	rVV	137072	214604	5.26%	0.427%
17	9.245	668	670	671	rVV	206897	232699	5.70%	0.463%
18	9.268	671	672	674	rVV	148336	127511	3.12%	0.254%
19	9.313	674	676	678	rVV	114560	94436	2.31%	0.188%
20	9.359	678	680	683	rVV	95099	118348	2.90%	0.235%
21	9.576	696	699	700	rBV2	723195	730731	17.90%	1.454%
22	9.611	700	702	704	rVV	1408242	1270227	31.12%	2.527%
23	9.782	715	717	719	rVV	738089	685485	16.79%	1.364%
24	10.125	745	747	749	rVV	1134654	1058454	25.93%	2.106%
25	10.182	749	752	753	rVV	116662	212602	5.21%	0.423%
26	10.205	753	754	755	rVV	218231	179184	4.39%	0.356%
27	10.251	755	758	759	rVV	128708	184341	4.52%	0.367%
28	10.285	759	761	763	rVV	157284	195040	4.78%	0.388%
29	10.365	765	768	771	rVV	708190	798104	19.55%	1.588%
30	10.674	791	795	798	rBV2	118000	292819	7.17%	0.583%
31	10.742	798	801	803	rVB2	50462	101725	2.49%	0.202%
32	10.799	803	806	811	rBV3	64083	218359	5.35%	0.434%
33	10.868	811	812	814	rVB	92820	91912	2.25%	0.183%
34	10.914	814	816	817	rBV	116663	129233	3.17%	0.257%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3663-16 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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

35	10.948	817	819	823	rVB	294030	321637	7.88%	0.640%
36	11.085	826	831	833	rBV2	2437507	4081539	100.00%	8.120%
37	11.131	833	835	837	rVV	1090238	1285216	31.49%	2.557%
38	11.165	837	838	841	rVB2	107413	164902	4.04%	0.328%
39	11.291	846	849	853	rBV2	362965	628384	15.40%	1.250%
40	11.554	870	872	873	rBV	445845	402497	9.86%	0.801%
41	11.588	873	875	877	rVV	383874	539032	13.21%	1.072%
42	11.634	877	879	880	rVV	205621	243883	5.98%	0.485%
43	11.668	880	882	887	rVB2	523189	986215	24.16%	1.962%
44	11.851	894	898	900	rVV	220271	277560	6.80%	0.552%
45	11.885	900	901	903	rVV	128274	125941	3.09%	0.251%
46	11.999	908	911	912	rBV	54761	87458	2.14%	0.174%
47	12.102	918	920	921	rBV	143863	158719	3.89%	0.316%
48	12.137	921	923	926	rVB2	90320	139192	3.41%	0.277%
49	12.194	926	928	931	rVB2	102192	141472	3.47%	0.281%
50	12.274	931	935	937	rBV	1815527	2900607	71.07%	5.770%
51	12.331	937	940	942	rVB2	73115	128795	3.16%	0.256%
52	12.411	945	947	949	rBV	134431	161637	3.96%	0.322%
53	12.491	951	954	957	rBV2	1831257	2792971	68.43%	5.556%
54	12.537	957	958	962	rVB2	156368	180240	4.42%	0.359%
55	12.628	962	966	970	rBV3	616412	1166885	28.59%	2.321%
56	12.708	970	973	975	rBV2	161509	257108	6.30%	0.511%
57	12.811	978	982	984	rBV2	390866	637833	15.63%	1.269%
58	12.879	986	988	990	rVV	452960	449394	11.01%	0.894%
59	12.914	990	991	995	rVV2	264469	426515	10.45%	0.849%
60	13.005	998	999	1001	rBV	111308	101009	2.47%	0.201%
61	13.039	1001	1002	1007	rVB2	128083	170348	4.17%	0.339%
62	13.234	1012	1019	1023	rBV4	121188	347402	8.51%	0.691%
63	13.291	1023	1024	1026	rBV2	66780	92789	2.27%	0.185%
64	13.325	1026	1027	1031	rVB2	88919	118639	2.91%	0.236%
65	13.451	1034	1038	1039	rBV3	235912	449715	11.02%	0.895%
66	13.497	1039	1042	1044	rVB3	122523	266815	6.54%	0.531%
67	13.542	1044	1046	1048	rVB	122890	134059	3.28%	0.267%
68	13.600	1048	1051	1054	rVB	57610	86423	2.12%	0.172%
69	13.680	1054	1058	1059	rBV2	1134979	2041875	50.03%	4.062%
70	13.714	1059	1061	1065	rVV	931800	1220456	29.90%	2.428%
71	13.782	1065	1067	1069	rVB	299189	270379	6.62%	0.538%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
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72	13.840	1069	1072	1074	rBV2	66320	121941	2.99%	0.243%
73	13.885	1074	1076	1078	rVV2	116357	167352	4.10%	0.333%
74	13.920	1078	1079	1083	rVB2	129766	150425	3.69%	0.299%
75	14.068	1087	1092	1093	rBV2	270934	438315	10.74%	0.872%
76	14.102	1093	1095	1096	rVB2	97305	97012	2.38%	0.193%
77	14.160	1096	1100	1101	rBV3	119430	175710	4.30%	0.350%
78	14.205	1101	1104	1106	rVB4	126408	236900	5.80%	0.471%
79	14.388	1116	1120	1123	rBV4	118197	295673	7.24%	0.588%
80	14.445	1123	1125	1130	rVB5	47294	122633	3.00%	0.244%
81	14.537	1132	1133	1136	rBV	88800	143959	3.53%	0.286%
82	14.674	1143	1145	1150	rBV	883756	1968736	48.24%	3.917%
83	14.765	1152	1153	1156	rVB	216050	186219	4.56%	0.370%
84	14.857	1158	1161	1162	rBV3	73535	157223	3.85%	0.313%
85	14.925	1165	1167	1170	rBV	551265	704522	17.26%	1.402%
86	14.983	1170	1172	1175	rVB	794251	976909	23.93%	1.943%
87	15.028	1175	1176	1178	rBV	234631	403020	9.87%	0.802%
88	15.188	1187	1190	1191	rBV3	63702	118812	2.91%	0.236%
89	15.223	1191	1193	1196	rVB	103326	172739	4.23%	0.344%
90	15.405	1206	1209	1210	rBV2	48754	96190	2.36%	0.191%
91	16.091	1264	1269	1271	rBV2	74832	157727	3.86%	0.314%
92	16.263	1281	1284	1288	rBV	371425	719141	17.62%	1.431%
93	16.400	1293	1296	1298	rBV	95138	185207	4.54%	0.368%
94	16.446	1298	1300	1304	rVB2	55551	121554	2.98%	0.242%
95	16.628	1313	1316	1323	rBV	264002	551409	13.51%	1.097%
96	16.834	1331	1334	1340	rVB	76429	196483	4.81%	0.391%
97	17.600	1398	1401	1412	rVB8	17035	92960	2.28%	0.185%
98	18.491	1474	1479	1484	rBV	59530	209840	5.14%	0.417%
99	18.663	1489	1494	1498	rBV	42128	159410	3.91%	0.317%
100	19.452	1558	1563	1567	rBV	23326	93141	2.28%	0.185%

Sum of corrected areas: 50266729

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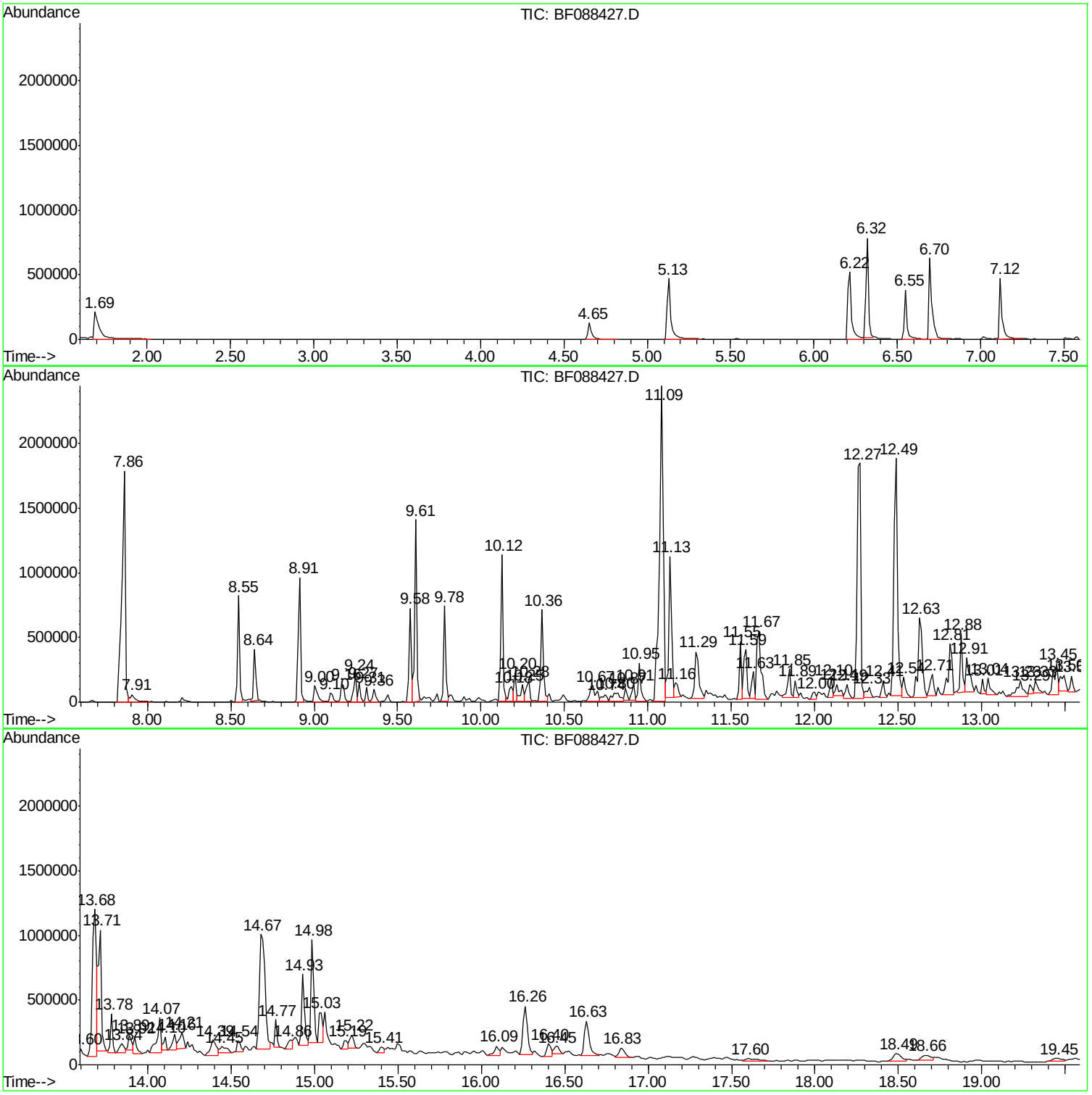
Instrument :
BNA_F
ClientSampleId :
TP-9

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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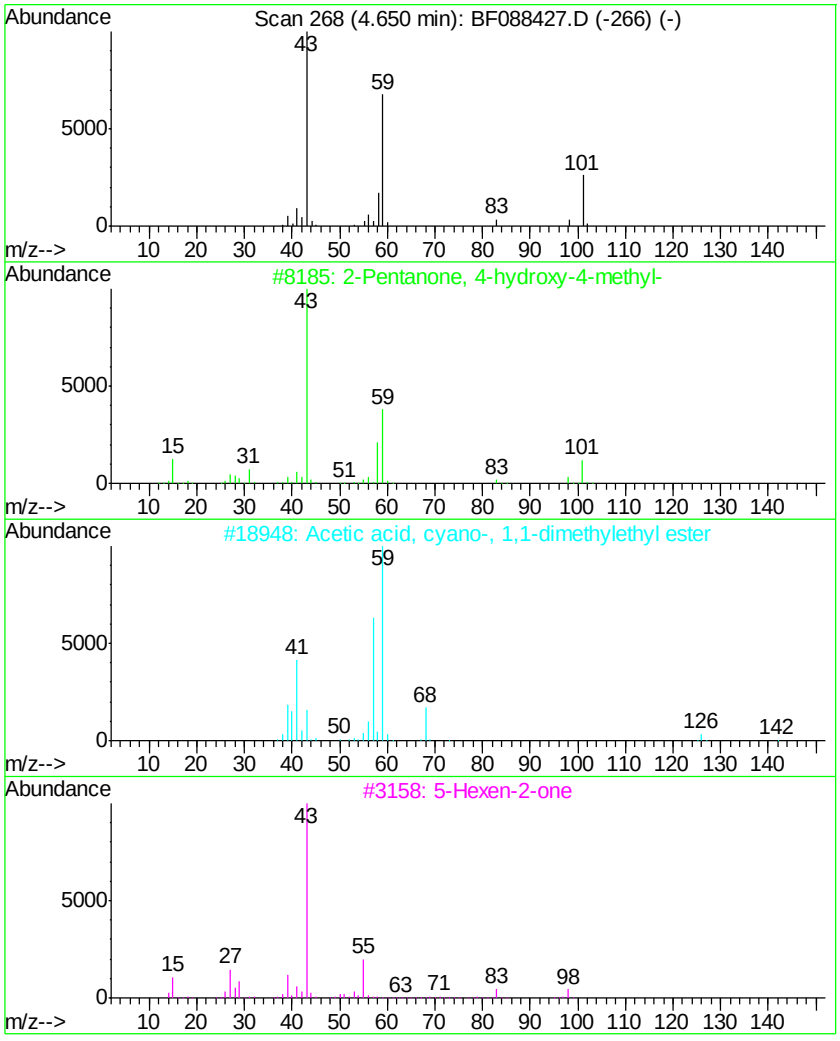
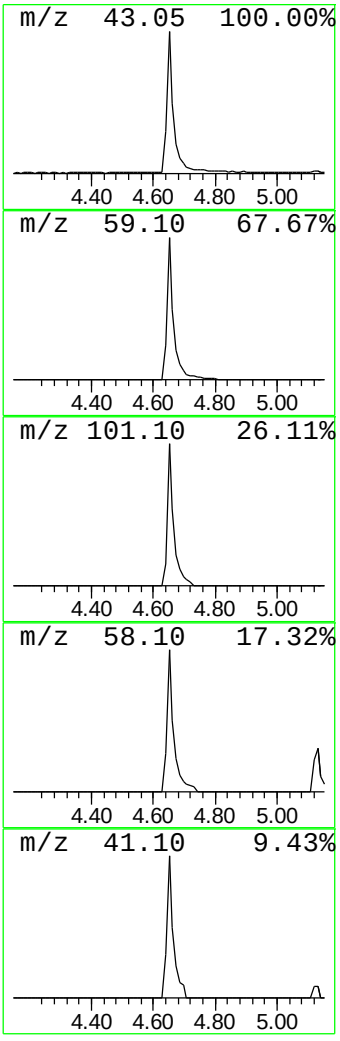
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	9.18 ng	195592	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Sample : H3663-16 2X
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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
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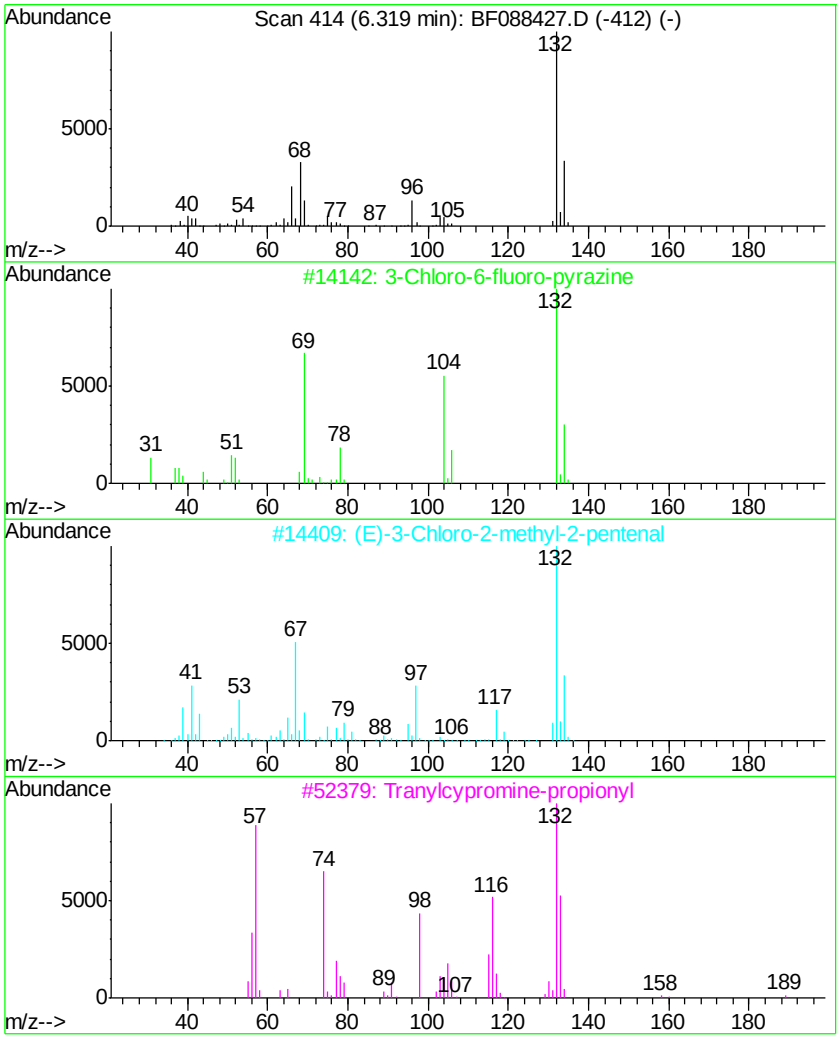
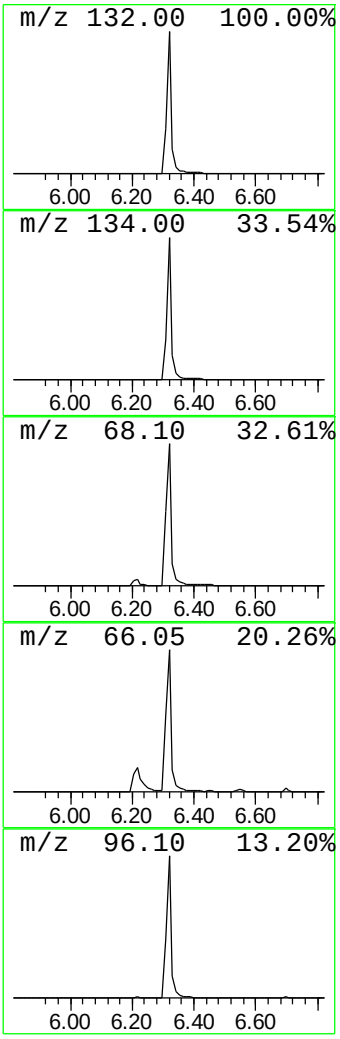
****

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	40.16 ng	855577	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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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TIC Library : C:\Database\NIST11.L
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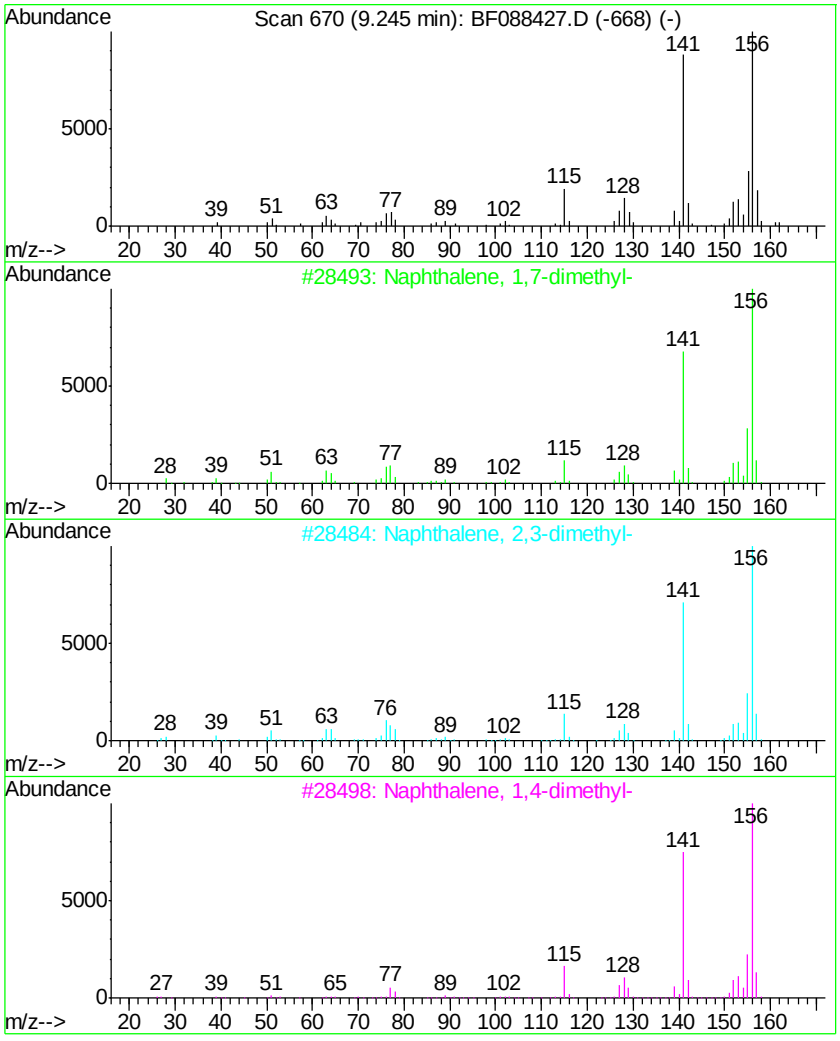
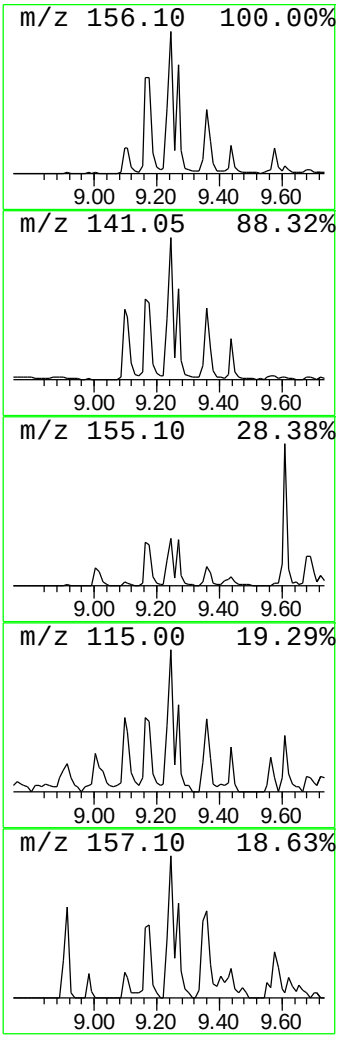
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	6.37 ng	232699	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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TIC Library : C:\Database\NIST11.L
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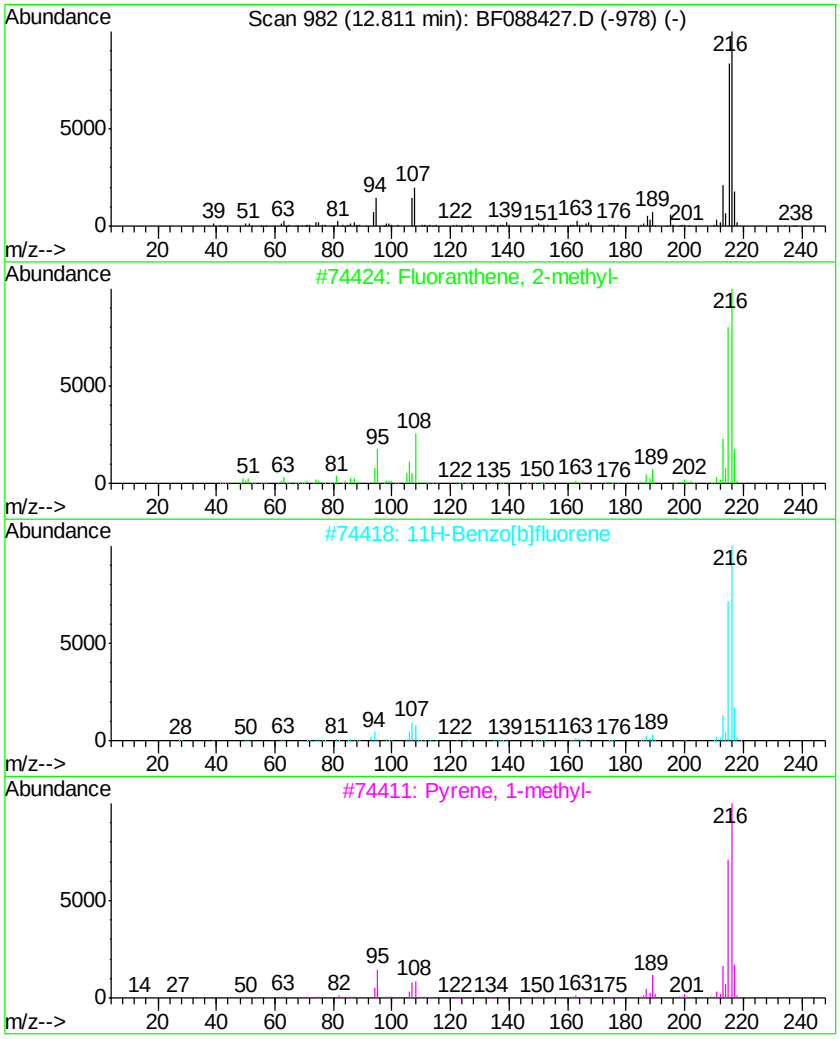
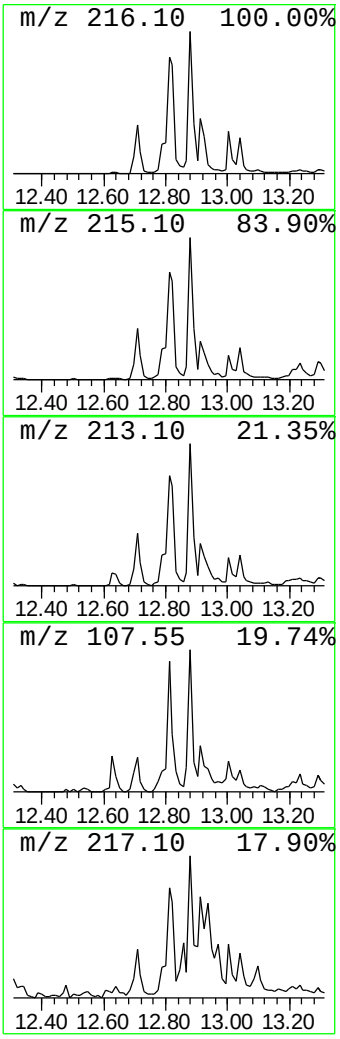
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	6.25 ng	637833	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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

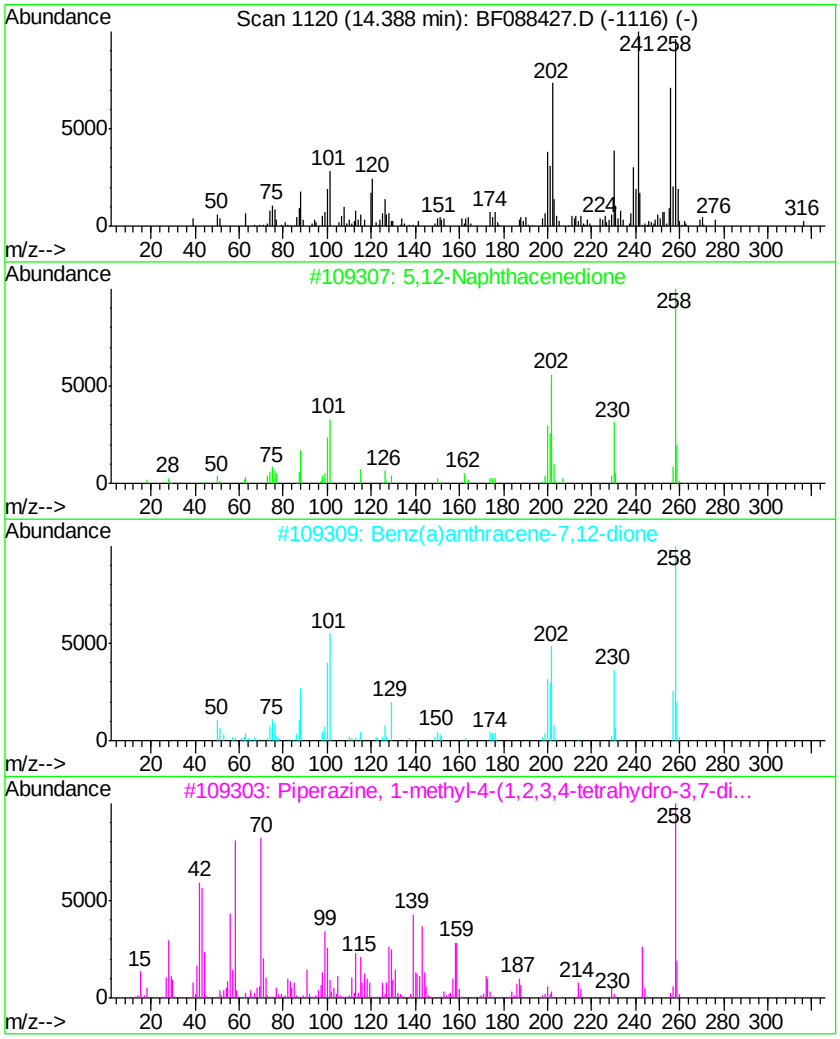
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

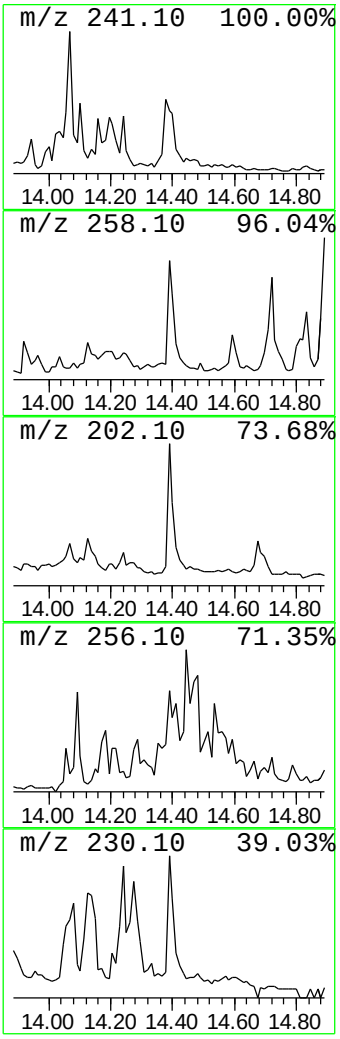
****

Peak Number 7 5,12-Naphthacenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	14.67 ng	295673	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	90
3	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	46
5	Pyrene	202	C16H10	000129-00-0	44





Library Search Compound Report

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Data File : BF088427.D
Acq On : 26 Jun 2016 19:26
Operator : UM/SJ
Sample : H3663-16 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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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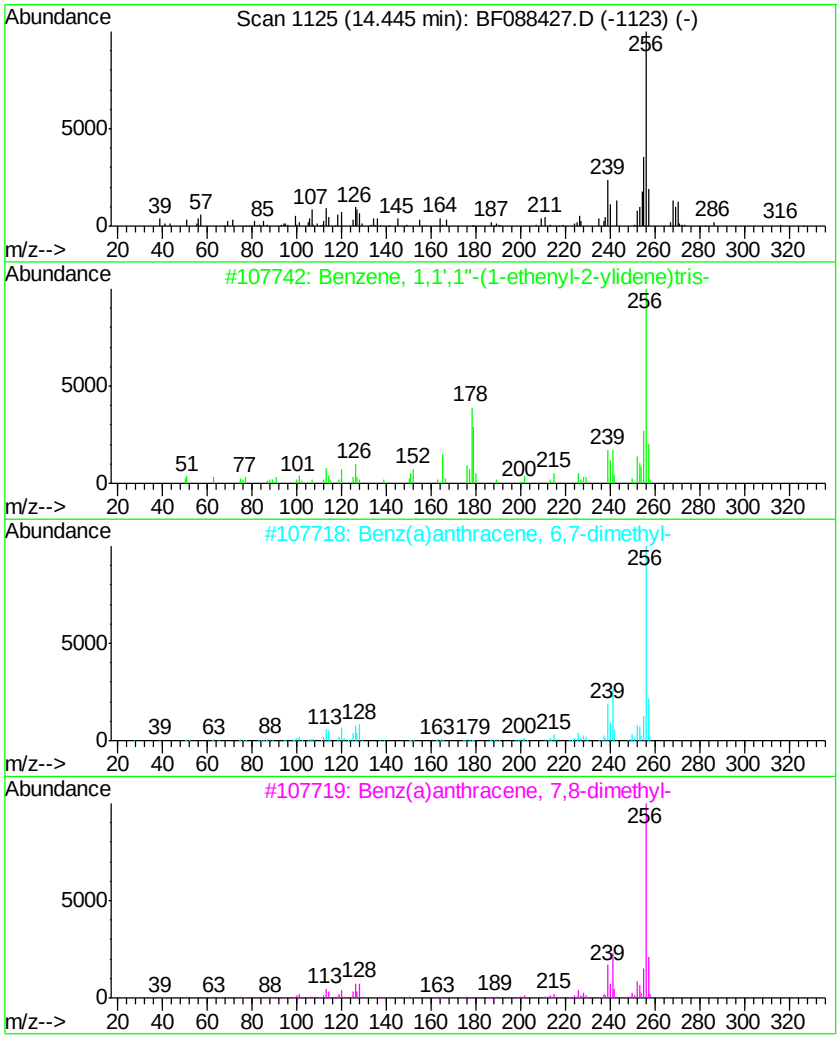
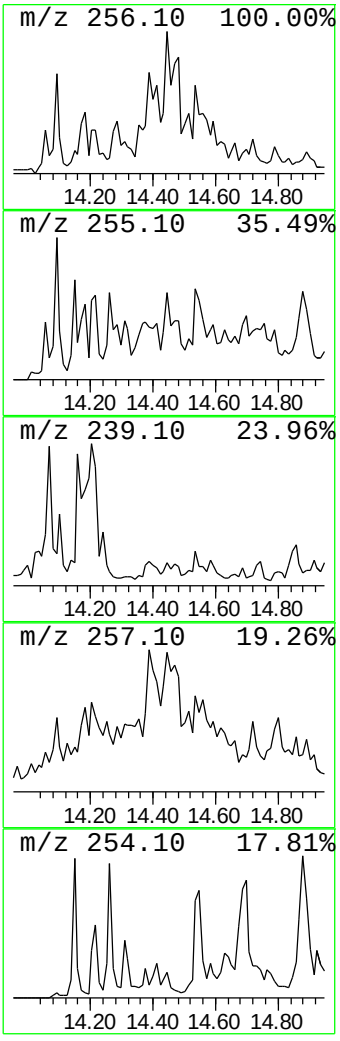
Peak Number 8 Benzene, 1,1',1''-(1-etheny... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	6.09 ng	122633	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	76
2	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	70
3	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	70
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	64
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	64





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Acq On : 26 Jun 2016 19:26
Operator : UM/SJ
Sample : H3663-16 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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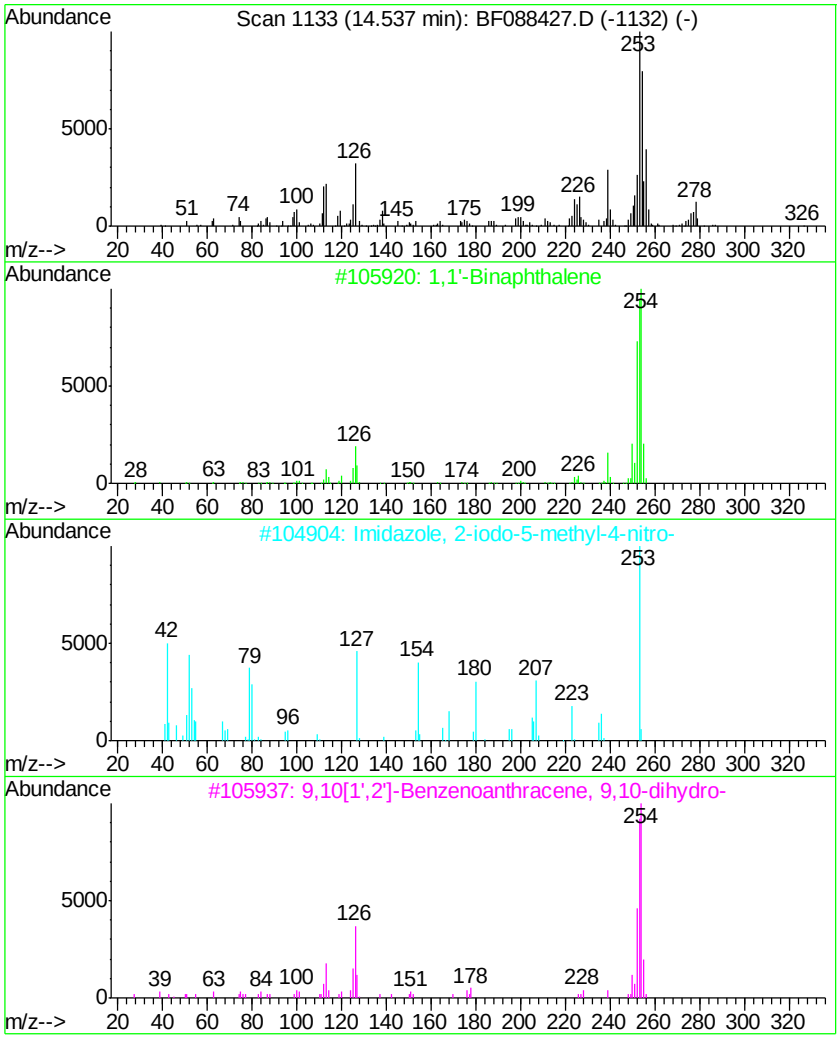
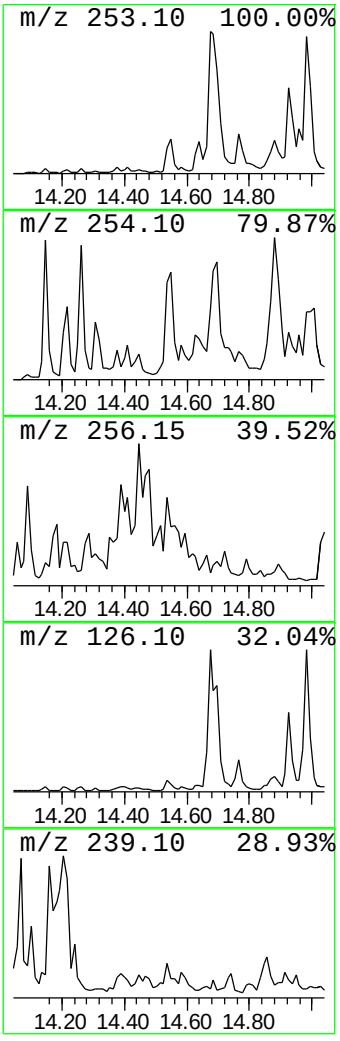
Peak Number 9 1,1'-Binaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	7.14 ng	143959	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	94
2	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	60
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	60
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	58
5	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	55





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Data File : BF088427.D
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Operator : UM/SJ
Sample : H3663-16 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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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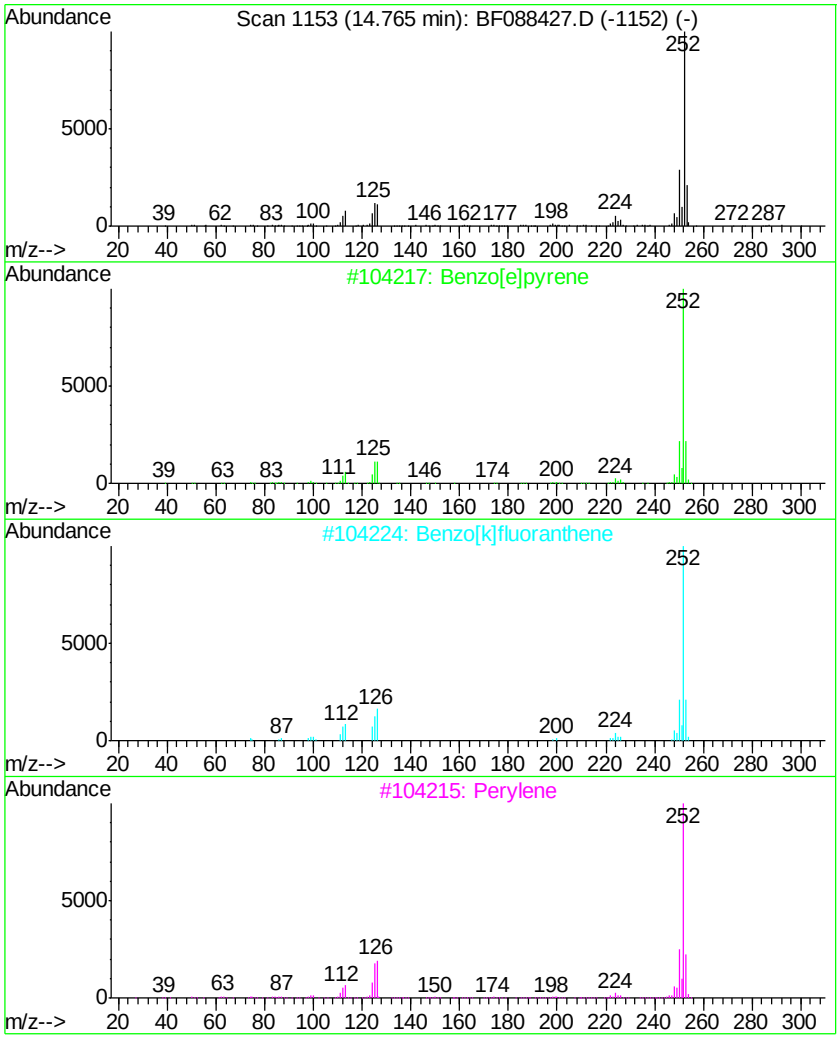
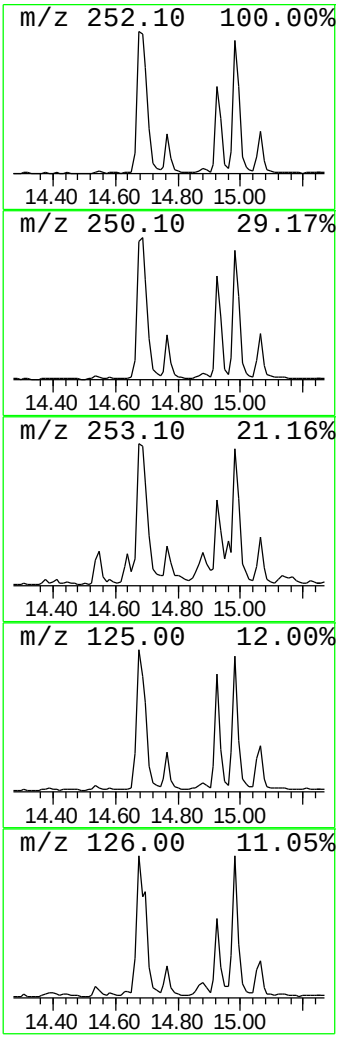
Peak Number 10 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	9.24 ng	186219	Perylene-d12	15.04

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	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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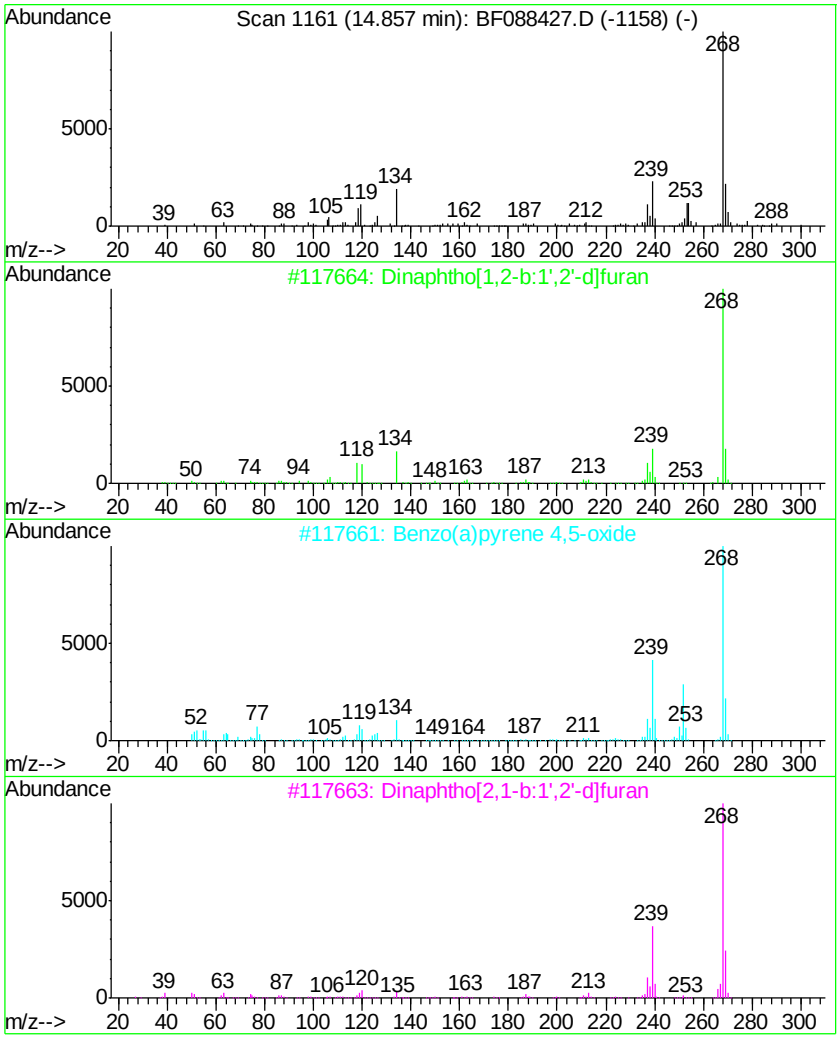
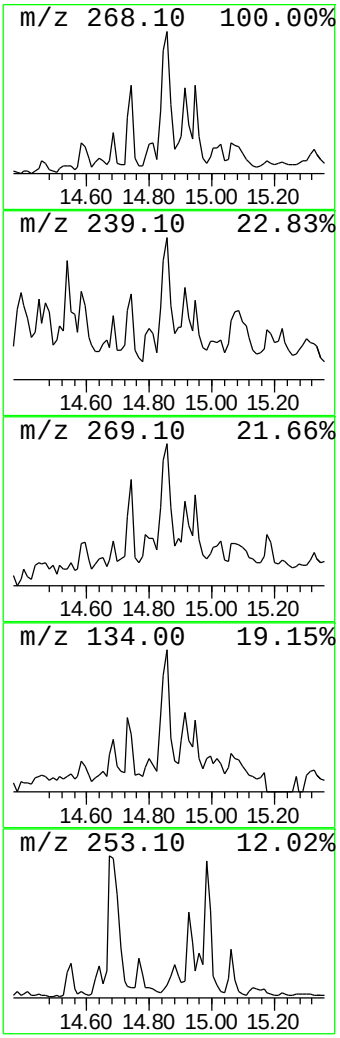
Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	7.80 ng	157223	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	90
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	87
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
4	Pyrrolo[3,2-f]quinolin-9-one, 1,...	268	C17H20N2O	1000302-73-3	62
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	52





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Integration Parameters: LSCINT.P

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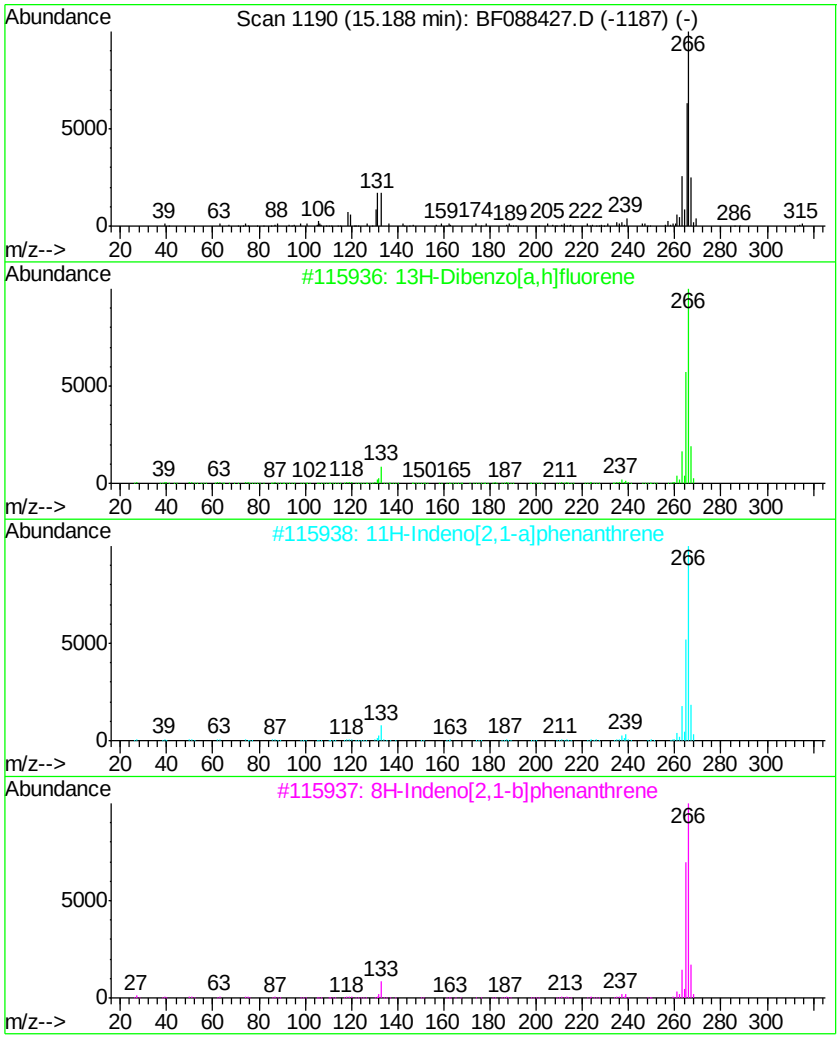
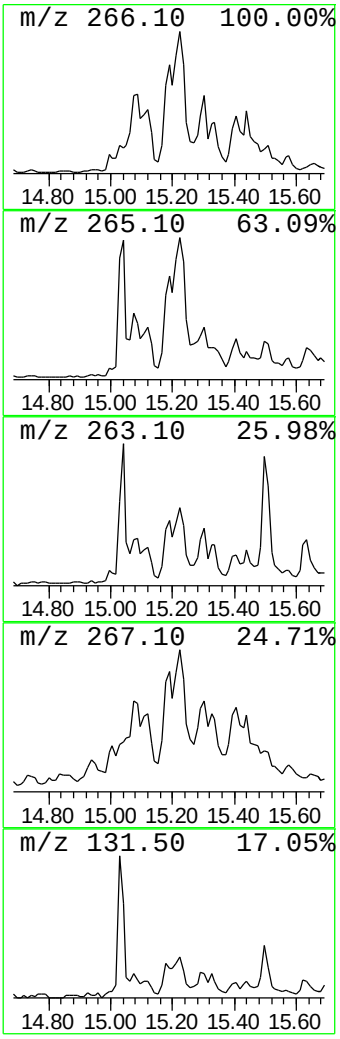
Peak Number 13 13H-Dibenzo[a,h]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	5.90 ng	118812	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	74
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	74
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	72
4	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	58
5	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	53





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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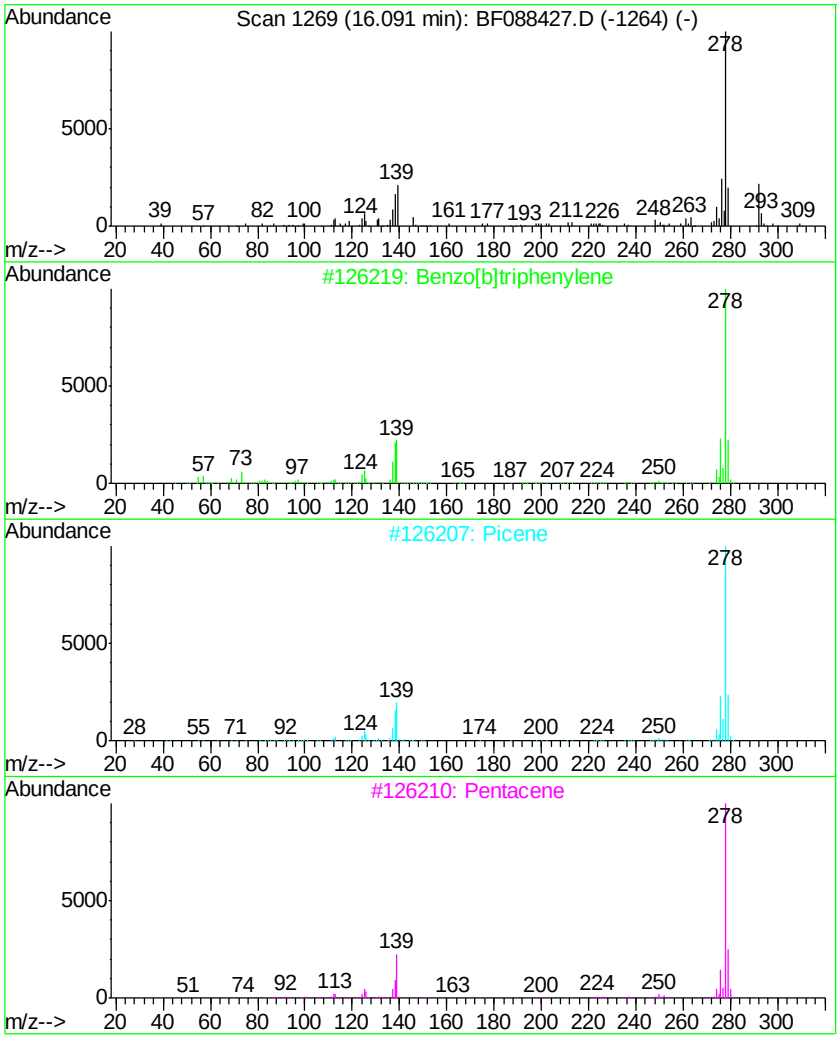
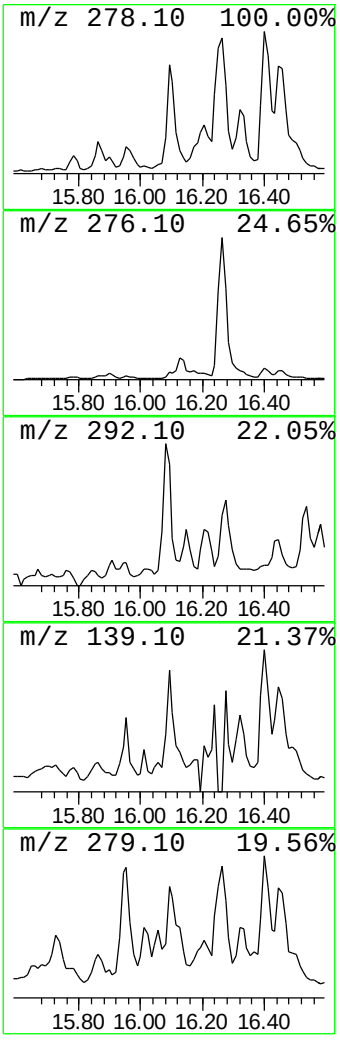
Peak Number 15 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	7.83 ng	157727	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Picene	278	C22H14	000213-46-7	83
3	Pentacene	278	C22H14	000135-48-8	70
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	60





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Sample : H3663-16 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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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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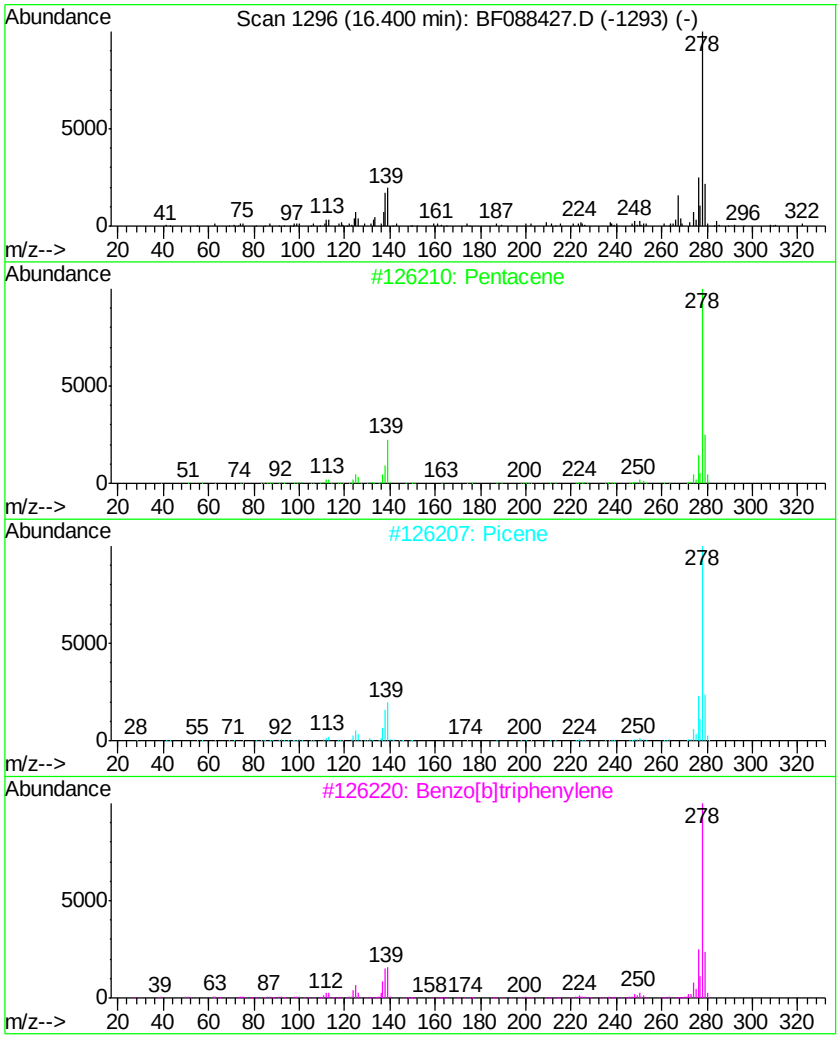
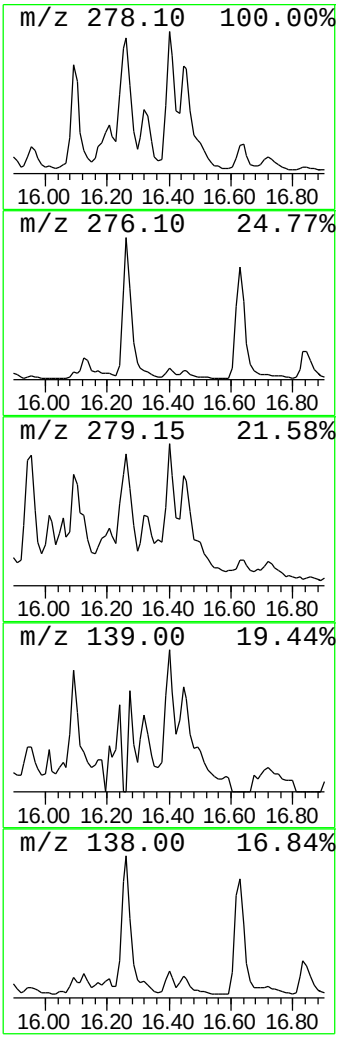
Peak Number 16 Pentacene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	9.19 ng	185207	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	96
2	Picene	278	C22H14	000213-46-7	93
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	89
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	62





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Instrument : BNA_F
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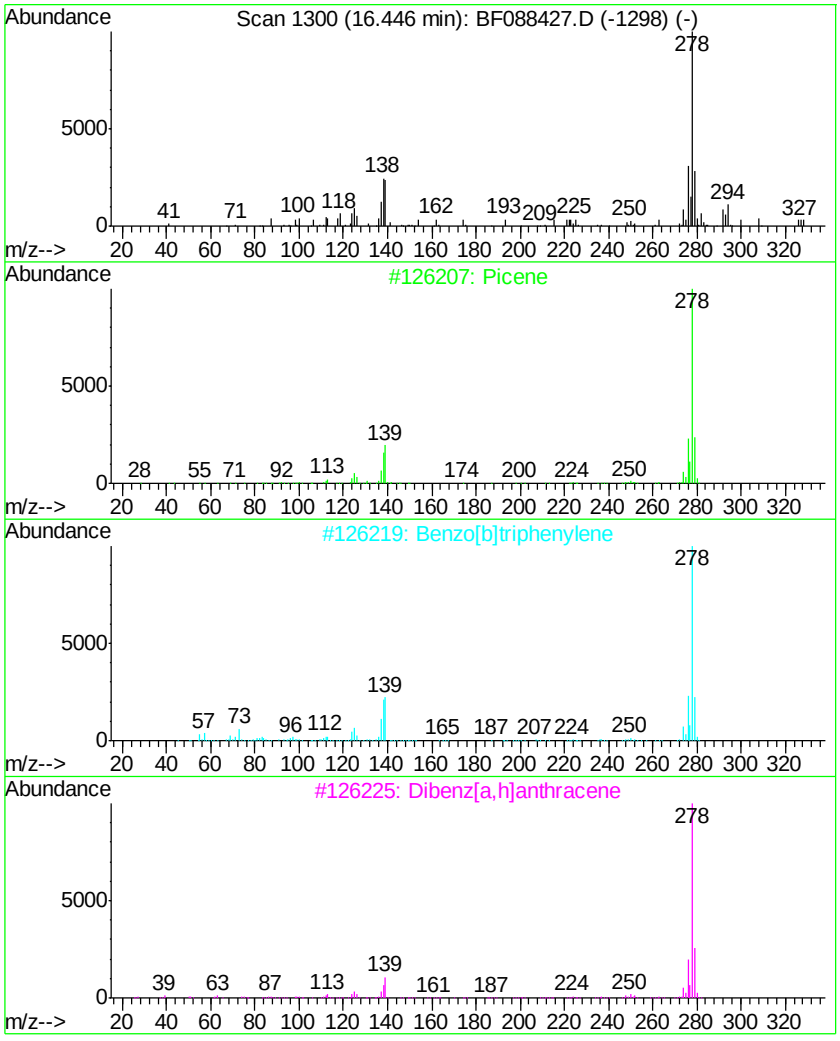
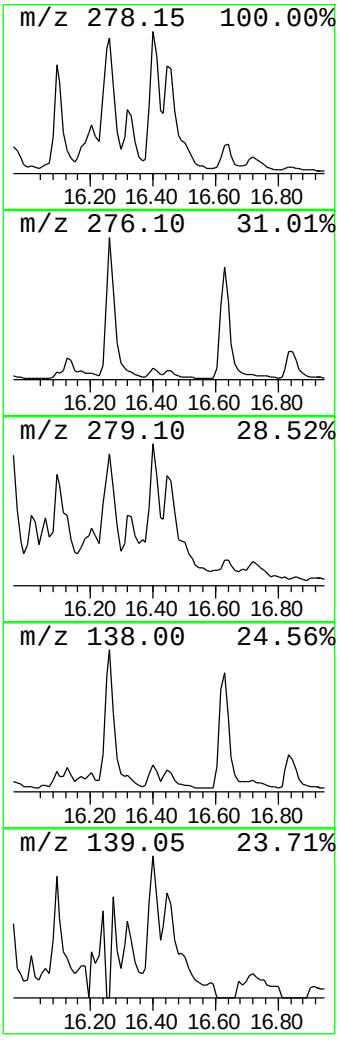
Peak Number 17 Picene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	6.03 ng	121554	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	Pentacene	278	C22H14	000135-48-8	91
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	90





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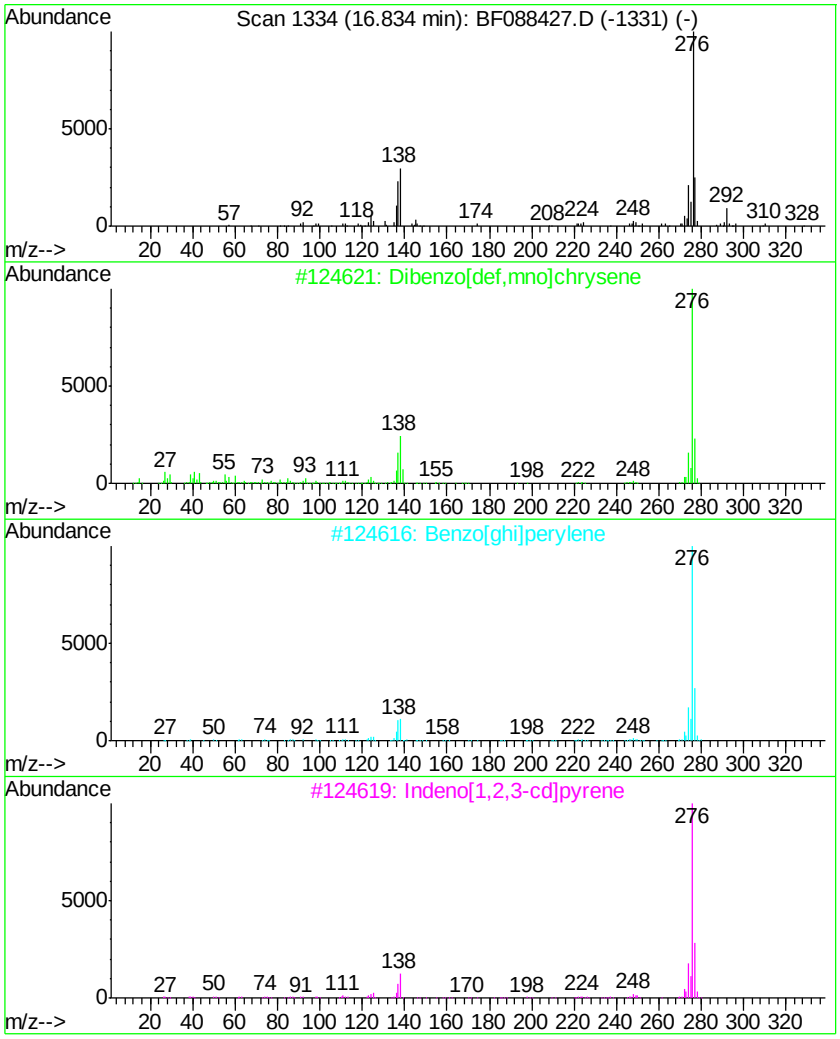
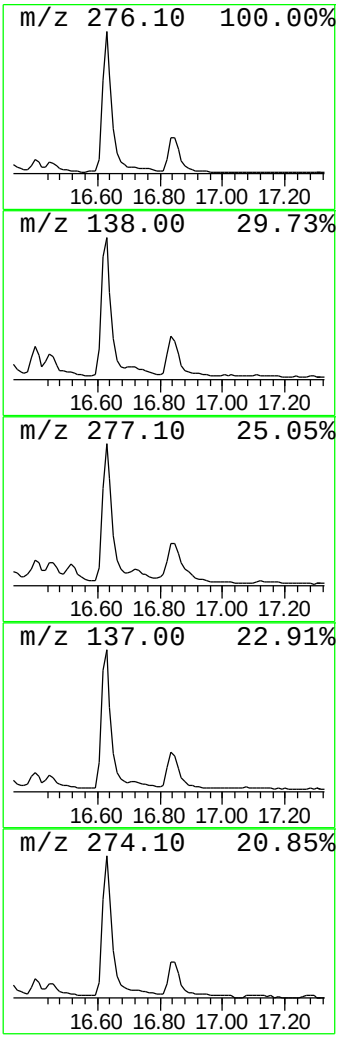
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	9.75 ng	196483	Perylene-d12	15.04

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	97
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	92
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	89
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	46





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-9

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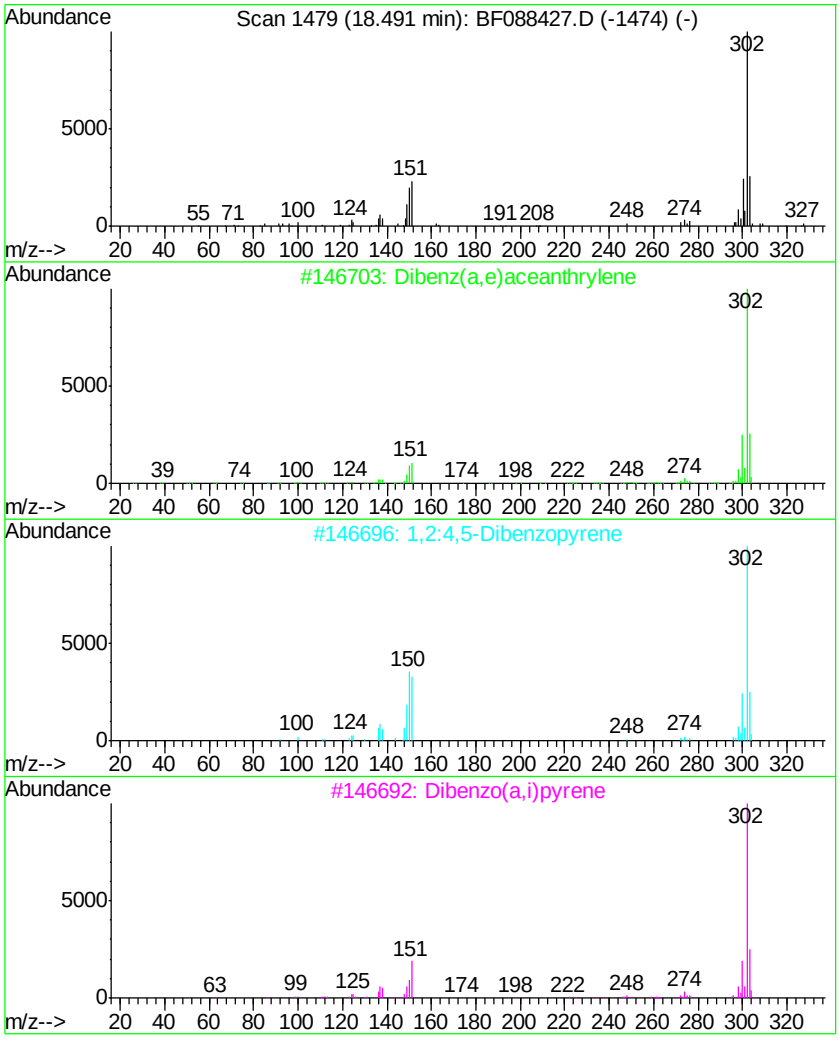
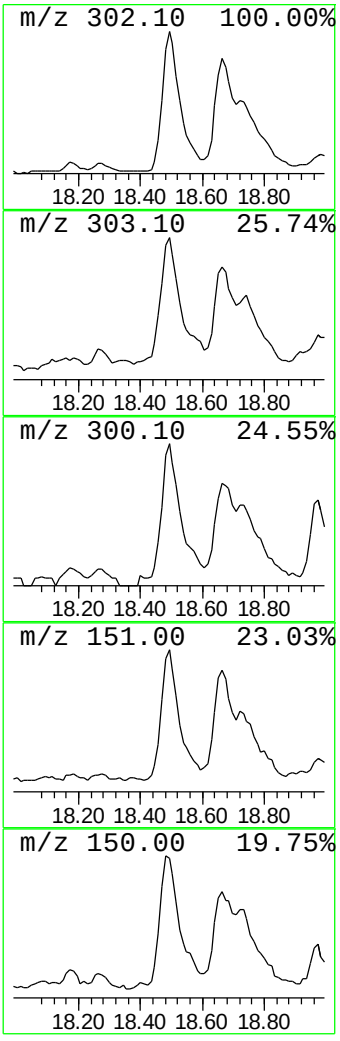
Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	10.41 ng	209840	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90





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Misc :
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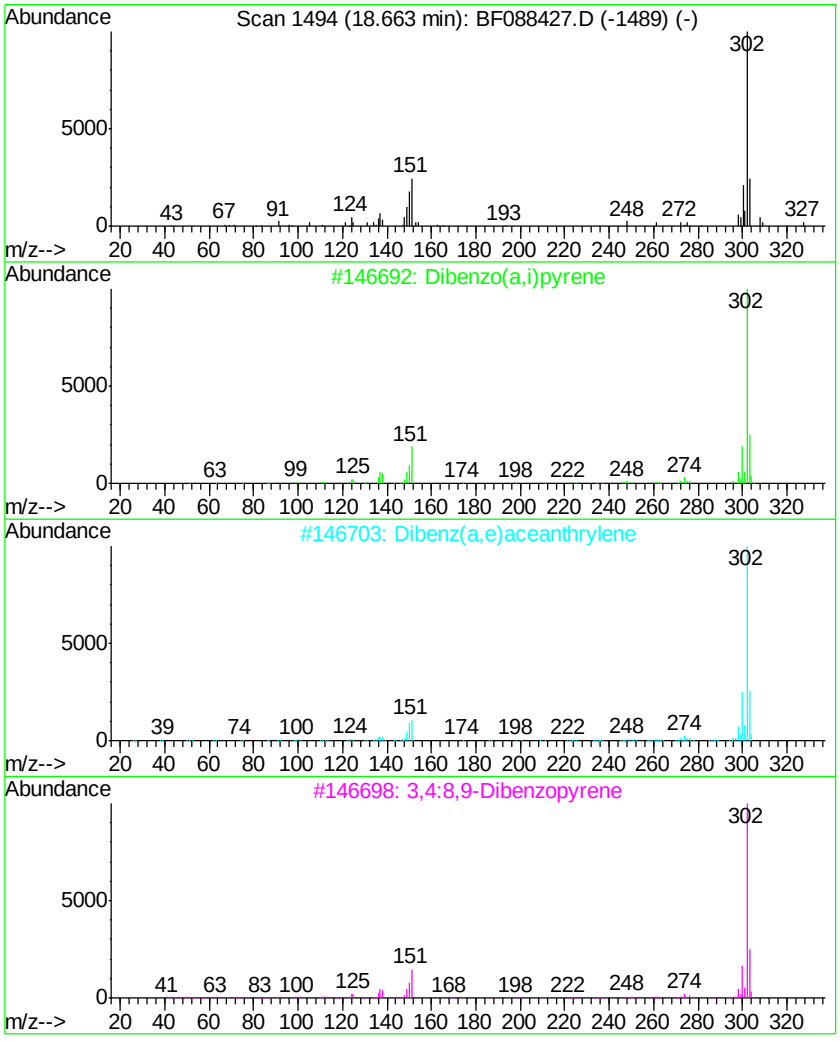
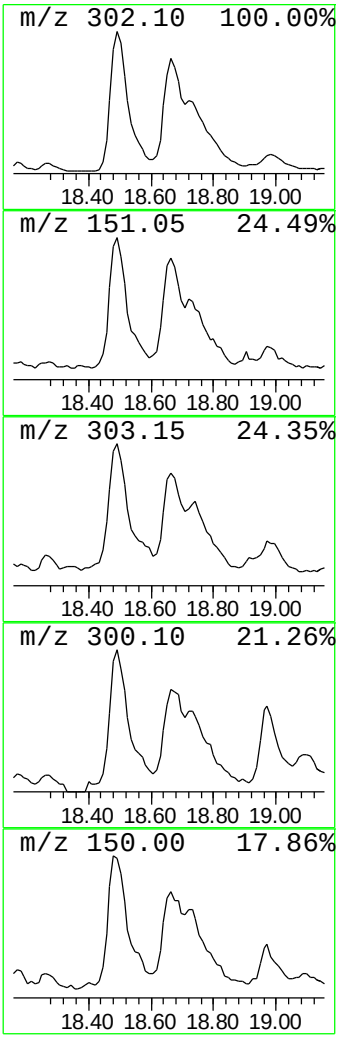
Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	7.91 ng	159410	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	90
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	87
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76





Tentatively Identified Compound (LSC) summary

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Data File : BF088427.D
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Operator : UM/SJ
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Misc :
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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
2-Pentanone, 4-hy...	4.65	9.2	ng	195592	1	6.55	426092	20.0
unknown6.32	6.32	40.2	ng	855577	1	6.55	426092	20.0
Naphthalene, 1,7-...	9.24	6.4	ng	232699	3	9.58	730731	20.0
Fluoranthene, 2-m...	12.81	6.3	ng	637833	5	13.68	2041880	20.0
5,12-Naphthacened...	14.39	14.7	ng	295673	6	15.04	403020	20.0
Benzene, 1,1',1''...	14.45	6.1	ng	122633	6	15.04	403020	20.0
1,1'-Binaphthalene	14.54	7.1	ng	143959	6	15.04	403020	20.0
Benzo[e]pyrene	14.77	9.2	ng	186219	6	15.04	403020	20.0
Dinaphtho[1,2-b:1...	14.86	7.8	ng	157223	6	15.04	403020	20.0
13H-Dibenzo[a,h]f...	15.19	5.9	ng	118812	6	15.04	403020	20.0
Benzo[b]triphenylene	16.09	7.8	ng	157727	6	15.04	403020	20.0
Pentacene	16.40	9.2	ng	185207	6	15.04	403020	20.0
Picene	16.45	6.0	ng	121554	6	15.04	403020	20.0
Dibenzo[def,mno]c...	16.83	9.8	ng	196483	6	15.04	403020	20.0
Dibenz(a,e)aceant...	18.49	10.4	ng	209840	6	15.04	403020	20.0
Dibenzo(a,i)pyrene	18.66	7.9	ng	159410	6	15.04	403020	20.0