LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088332.D
Acq On : 24 Jun 2016 15:29
Operator : UM/SJ
Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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	1.713	10	11	25	rVB	1145124	2101576	100.00%	6.489%
2	1.964	31	33	56	rVB	29149	131615	6.26%	0.406%
3	4.719	272	274	288	rBV	62954	121474	5.78%	0.375%
4	5.176	312	314	327	rBV	1008567	1351600	64.31%	4.173%
5	6.250	406	408	415	rBV	1151472	1427138	67.91%	4.406%
6	6.353	415	417	430	rVB	1366446	1626440	77.39%	5.022%
7	6.582	435	437	446	rVB3	315585	433890	20.65%	1.340%
8	6.742	449	451	453	rBV	963848	1266161	60.25%	3.909%
9	7.153	486	487	499	rBV	618263	1062816	50.57%	3.282%
10	7.873	547	550	555	rBV	537309	640393	30.47%	1.977%
11	8.685	618	621	628	rVB	41070	49018	2.33%	0.151%
12	8.948	641	644	650	rVV	1858729	1988040	94.60%	6.138%
13	9.039	650	652	660	rVB3	27633	55179	2.63%	0.170%
14	9.279	672	673	675	rBV	44285	57291	2.73%	0.177%
15	9.348	678	679	682	rBV	202853	220239	10.48%	0.680%
16	9.485	688	691	693	rBV	83882	97166	4.62%	0.300%
17	9.611	700	702	705	rBV	514720	675717	32.15%	2.086%
18	9.828	718	721	723	rBV	36709	45858	2.18%	0.142%
19	10.022	736	738	740	rBV2	25223	53689	2.55%	0.166%
20	10.056	740	741	744	rVV2	43691	44874	2.14%	0.139%
21	10.159	748	750	754	rVB3	28238	52281	2.49%	0.161%
22	10.273	758	760	763	rBV	34587	42437	2.02%	0.131%
23	10.411	769	772	780	rVB2	762473	1149968	54.72%	3.551%
24	10.536	780	783	786	rBV	84931	142850	6.80%	0.441%
25	10.719	795	799	804	rBV6	19428	58111	2.77%	0.179%
26	10.856	807	811	814	rBV3	31528	79856	3.80%	0.247%
27	10.971	818	821	823	rBV2	44945	73472	3.50%	0.227%
28	11.096	830	832	836	rBV2	633612	989356	47.08%	3.055%
29	11.176	836	839	840	rVV	74597	103741	4.94%	0.320%
30	11.268	845	847	851	rVB4	18070	43552	2.07%	0.134%
31	11.348	851	854	857	rBV3	57159	114926	5.47%	0.355%
32	11.599	874	876	877	rBV	72475	108608	5.17%	0.335%
33	11.622	877	878	880	rVB	141476	124363	5.92%	0.384%
34	11.702	883	885	891	rVB	193210	308328	14.67%	0.952%

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Misc :
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Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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	11.805	891	894	898	rBV3	44125	89396	4.25%	0.276%
36	11.885	898	901	904	rBV4	67457	113586	5.40%	0.351%
37	11.931	904	905	912	rVB2	49312	51392	2.45%	0.159%
38	12.034	912	914	916	rBV	46245	70588	3.36%	0.218%
39	12.068	916	917	918	rBV	64171	50172	2.39%	0.155%
40	12.137	921	923	925	rBV	176002	230706	10.98%	0.712%
41	12.194	925	928	930	rVB2	68370	145330	6.92%	0.449%
42	12.228	930	931	935	rVB2	103593	169731	8.08%	0.524%
43	12.297	935	937	940	rBV	952786	1201699	57.18%	3.710%
44	12.354	940	942	945	rVB3	34354	73719	3.51%	0.228%
45	12.457	948	951	954	rBV3	39049	75586	3.60%	0.233%
46	12.525	954	957	961	rBV2	1033603	1265621	60.22%	3.908%
47	12.582	961	962	964	rVB	101711	110821	5.27%	0.342%
48	12.674	966	970	974	rVB	1596698	1908016	90.79%	5.891%
49	12.754	974	977	980	rBV3	136040	271689	12.93%	0.839%
50	12.857	982	986	988	rVB2	184600	358755	17.07%	1.108%
51	12.925	988	992	993	rBV3	84272	141283	6.72%	0.436%
52	12.959	993	995	999	rVB	208826	250945	11.94%	0.775%
53	13.051	1001	1003	1004	rBV	119474	97293	4.63%	0.300%
54	13.085	1004	1006	1008	rBV2	77810	92626	4.41%	0.286%
55	13.154	1011	1012	1015	rVB2	31453	54758	2.61%	0.169%
56	13.257	1015	1021	1026	rBV5	82287	277493	13.20%	0.857%
57	13.371	1029	1031	1034	rVB	180447	201391	9.58%	0.622%
58	13.474	1037	1040	1043	rBV3	137422	289048	13.75%	0.892%
59	13.519	1043	1044	1048	rVB3	64421	100197	4.77%	0.309%
60	13.577	1048	1049	1053	rVB2	186503	298159	14.19%	0.921%
61	13.645	1053	1055	1058	rBV3	22462	43684	2.08%	0.135%
62	13.714	1058	1061	1063	rBV2	781078	1319252	62.77%	4.073%
63	13.828	1068	1071	1073	rVB2	33817	67807	3.23%	0.209%
64	13.897	1073	1077	1079	rBV3	74753	157841	7.51%	0.487%
65	14.114	1091	1096	1097	rBV	127611	271327	12.91%	0.838%
66	14.137	1097	1098	1100	rVV	68577	93902	4.47%	0.290%
67	14.194	1101	1103	1105	rVV3	223712	337342	16.05%	1.042%
68	14.228	1105	1106	1110	rVB2	81234	130183	6.19%	0.402%
69	14.308	1110	1113	1116	rVB4	35720	81361	3.87%	0.251%
70	14.434	1122	1124	1127	rVB3	56451	90467	4.30%	0.279%
71	14.491	1127	1129	1133	rVB3	59248	112864	5.37%	0.348%

LSC Area Percent Report

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Acq On : 24 Jun 2016 15:29
Operator : UM/SJ
Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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
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72	14.560	1133	1135	1136	rBV2	28366	46341	2.21%	0.143%
73	14.582	1136	1137	1139	rBV	69483	63835	3.04%	0.197%
74	14.617	1139	1140	1143	rVB3	118857	126212	6.01%	0.390%
75	14.720	1146	1149	1153	rBV	485413	942211	44.83%	2.909%
76	14.777	1153	1154	1156	rVB	228100	221057	10.52%	0.683%
77	14.811	1156	1157	1162	rVB	158097	211936	10.08%	0.654%
78	14.971	1169	1171	1174	rBV	255802	303154	14.43%	0.936%
79	15.028	1174	1176	1179	rBV	295056	341772	16.26%	1.055%
80	15.074	1179	1180	1183	rBV	262041	437980	20.84%	1.352%
81	15.268	1195	1197	1200	rVB2	207007	283979	13.51%	0.877%
82	15.451	1210	1213	1216	rBV2	72584	131344	6.25%	0.406%
83	15.520	1216	1219	1221	rBV3	39389	108991	5.19%	0.337%
84	15.565	1221	1223	1227	rVB4	37552	71388	3.40%	0.220%
85	16.023	1261	1263	1265	rVV2	25641	46209	2.20%	0.143%
86	16.080	1265	1268	1269	rVV2	26513	59540	2.83%	0.184%
87	16.171	1273	1276	1278	rVV2	30015	69548	3.31%	0.215%
88	16.331	1287	1290	1295	rVV	153680	329863	15.70%	1.018%
89	16.480	1299	1303	1305	rVV2	29202	67084	3.19%	0.207%
90	16.526	1305	1307	1311	rVV2	29824	60547	2.88%	0.187%
91	16.605	1311	1314	1320	rVB5	16325	41708	1.98%	0.129%
92	16.708	1320	1323	1332	rBV	98031	265998	12.66%	0.821%
93	16.937	1339	1343	1347	rVV2	17374	43766	2.08%	0.135%
94	17.143	1356	1361	1363	rVV4	22509	69839	3.32%	0.216%
95	17.188	1363	1365	1374	rVB8	20066	68126	3.24%	0.210%
96	17.497	1389	1392	1396	rVV5	28683	70280	3.34%	0.217%
97	17.577	1396	1399	1405	rVB	55209	132916	6.32%	0.410%
98	17.726	1405	1412	1417	rBV6	10900	43604	2.07%	0.135%
99	18.617	1486	1490	1496	rBV	23025	81844	3.89%	0.253%
100	18.800	1502	1506	1518	rVB2	19355	108249	5.15%	0.334%

Sum of corrected areas: 32387374

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
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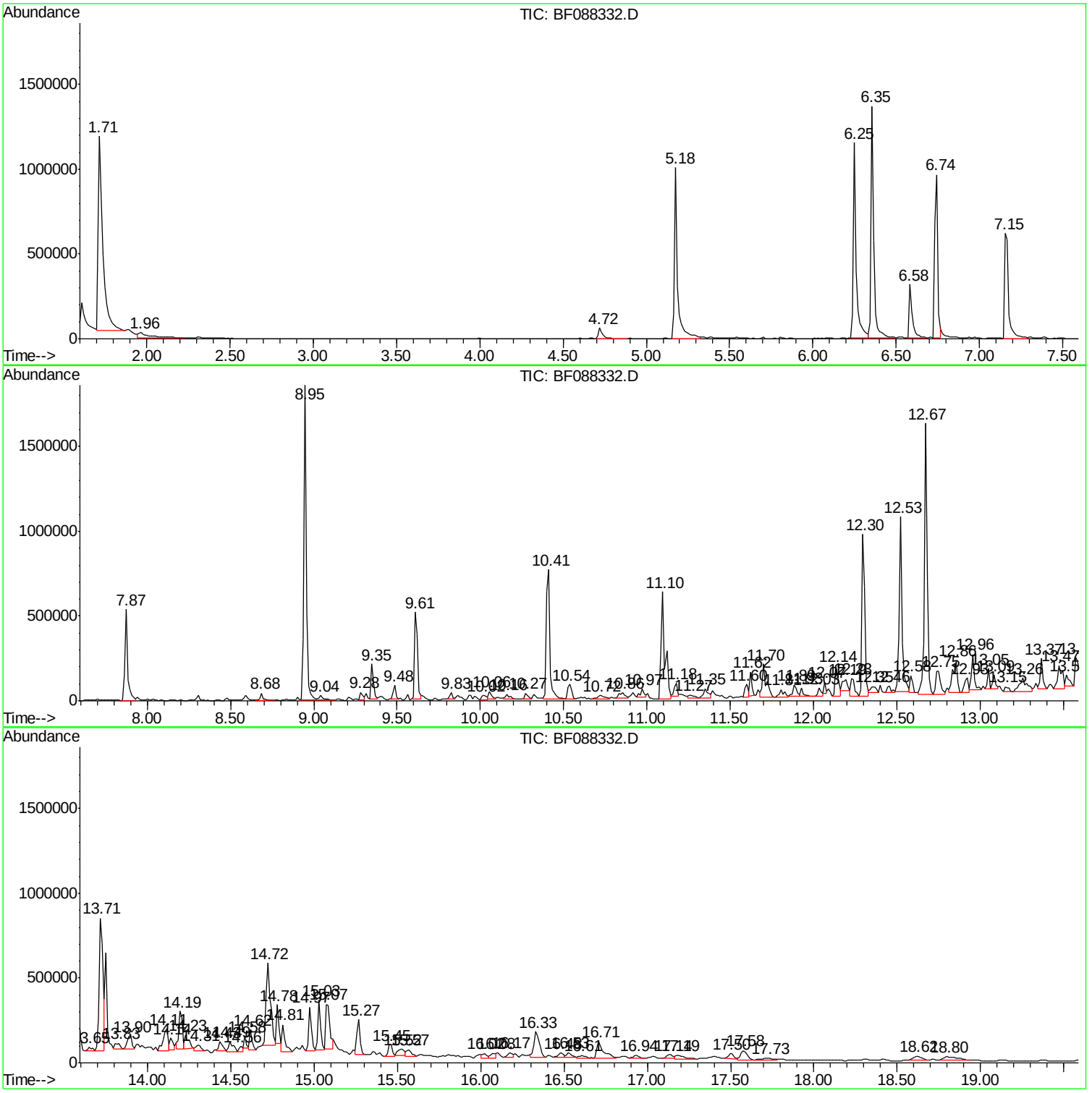
Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1442(0-4)

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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Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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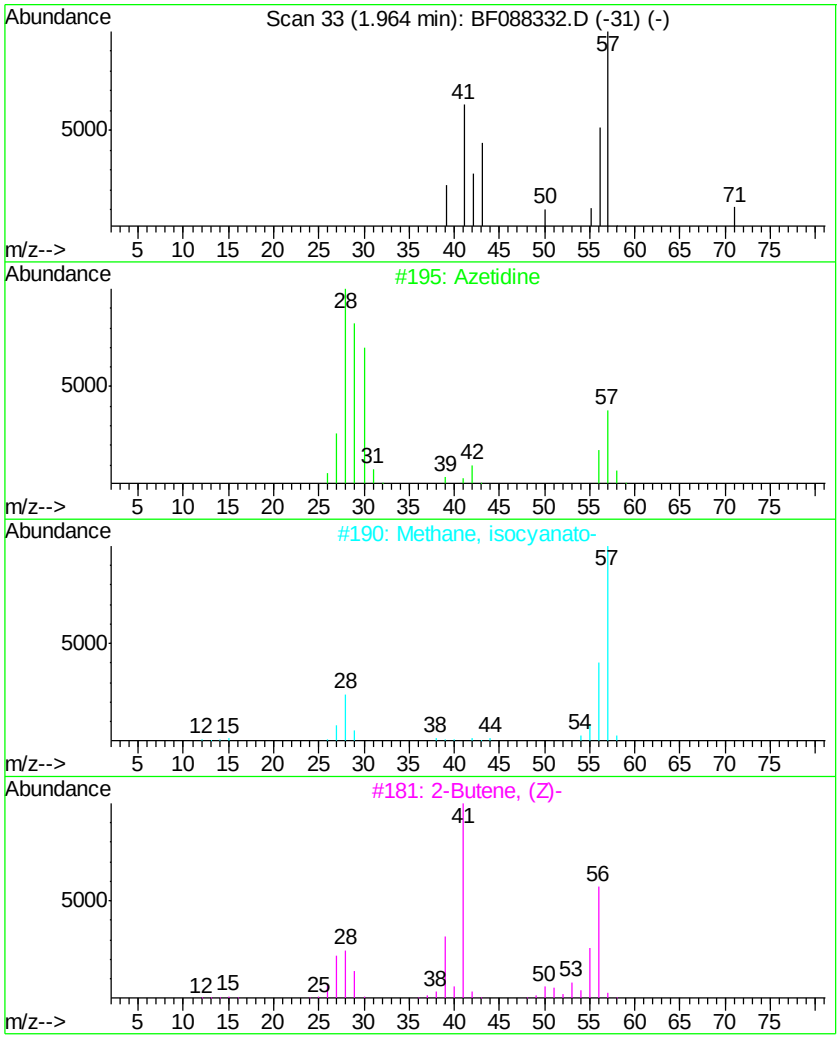
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

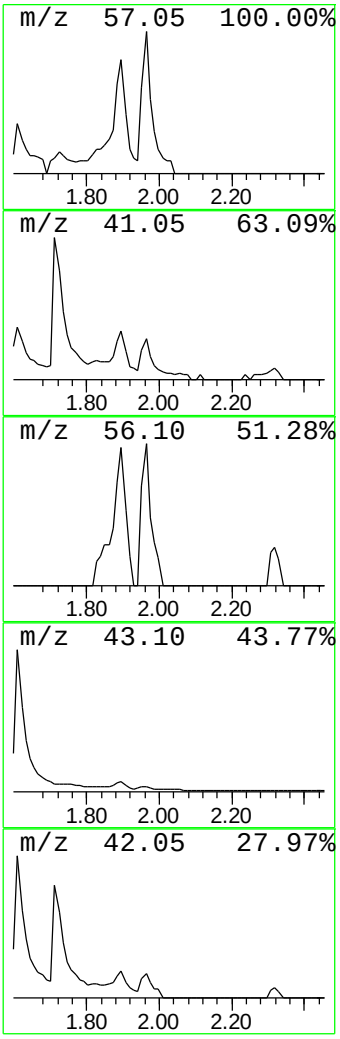
****

Peak Number 2 unknown1.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	6.07 ng	131615	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine	57	C3H7N	000503-29-7	5
2	Methane, isocyanato-	57	C2H3NO	000624-83-9	5
3	2-Butene, (Z)-	56	C4H8	000590-18-1	5
4	2-Butene	56	C4H8	000107-01-7	5
5	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	5





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088332.D
Acq On : 24 Jun 2016 15:29
Operator : UM/SJ
Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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
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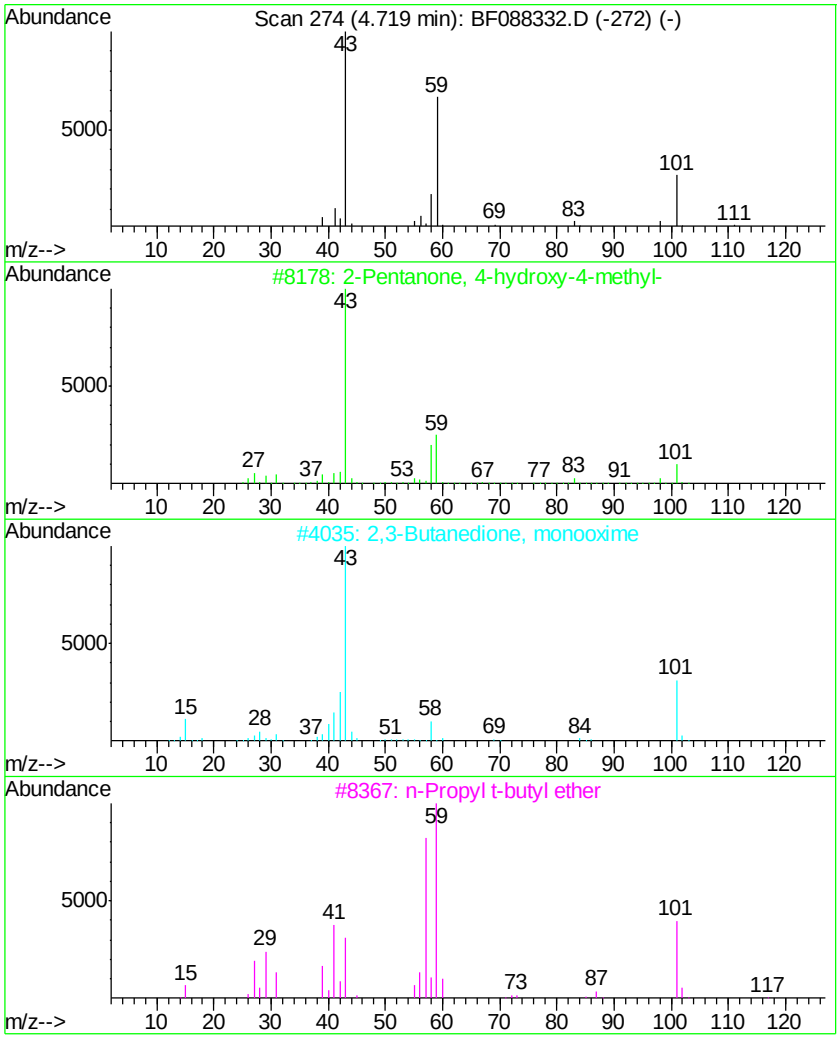
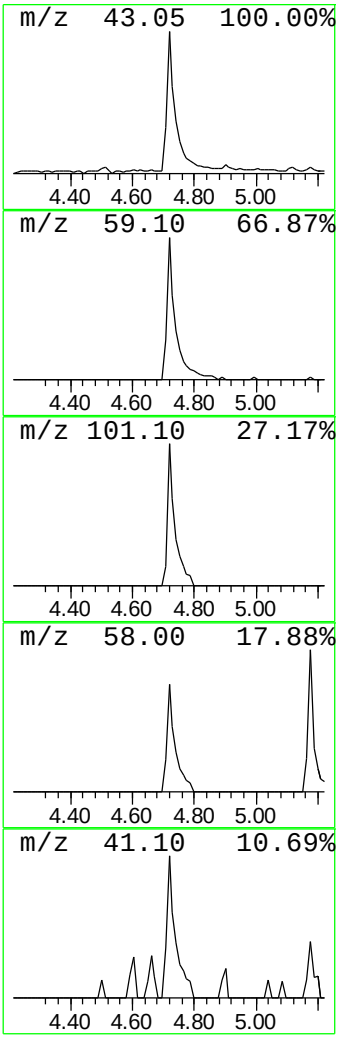
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	5.60 ng	121474	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	16
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12





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Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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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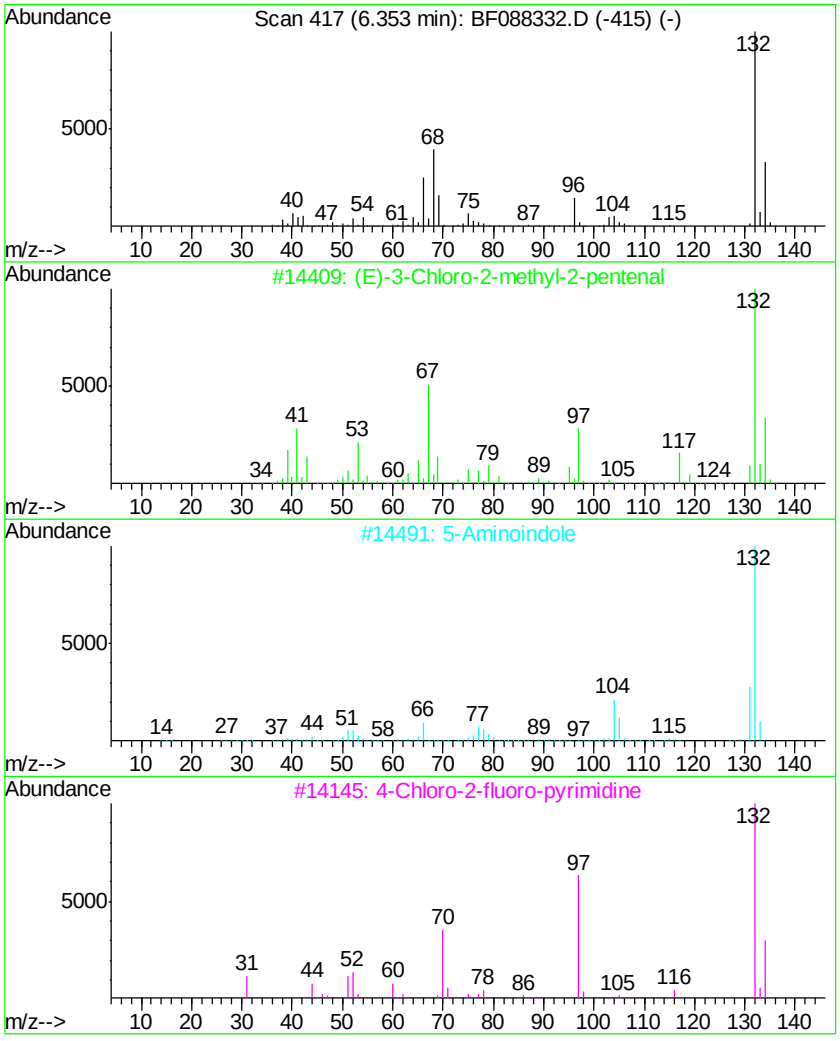
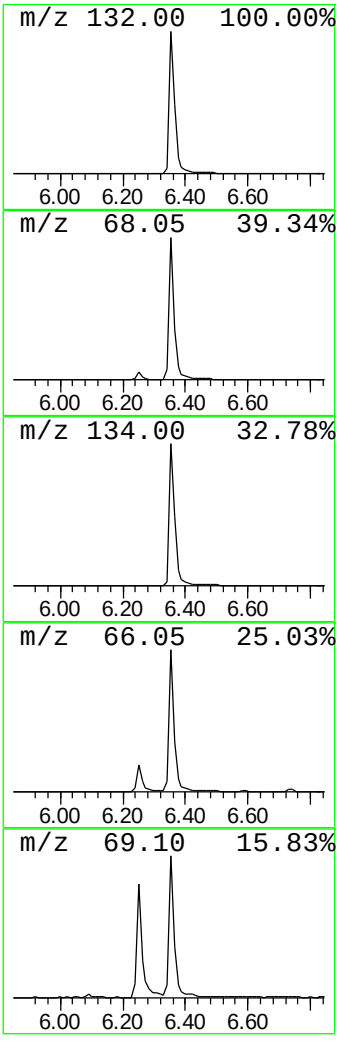
Peak Number 4 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	74.97 ng	1626440	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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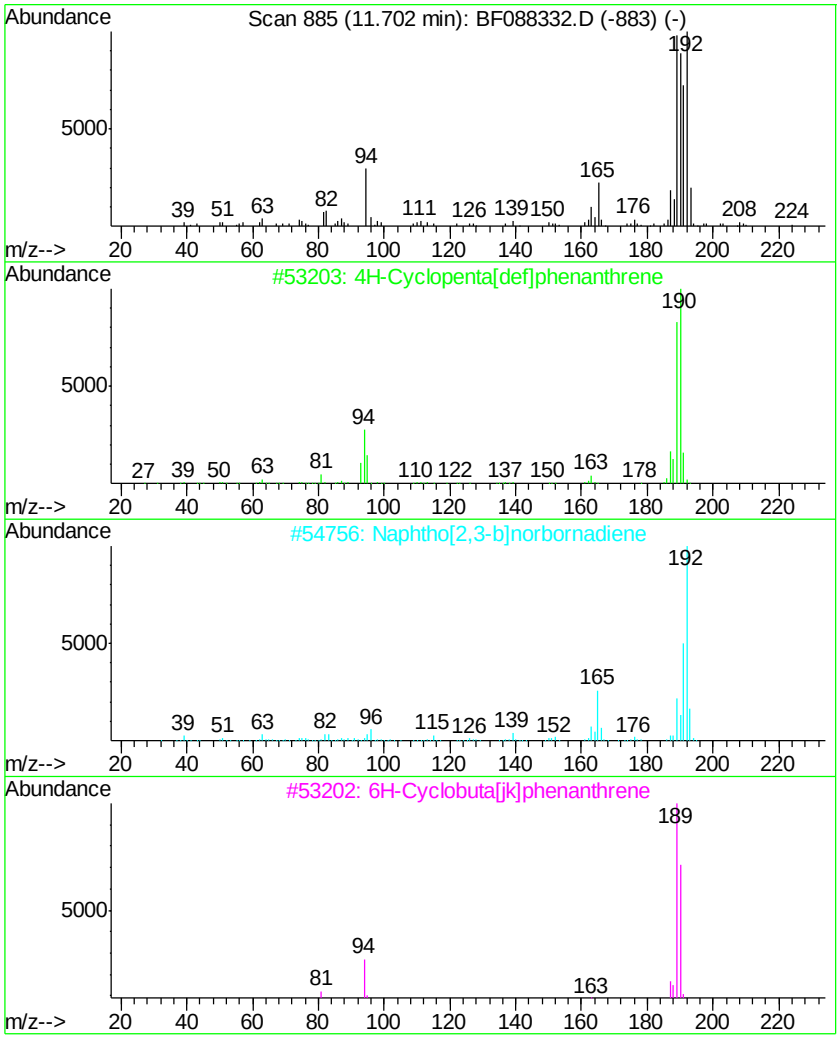
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

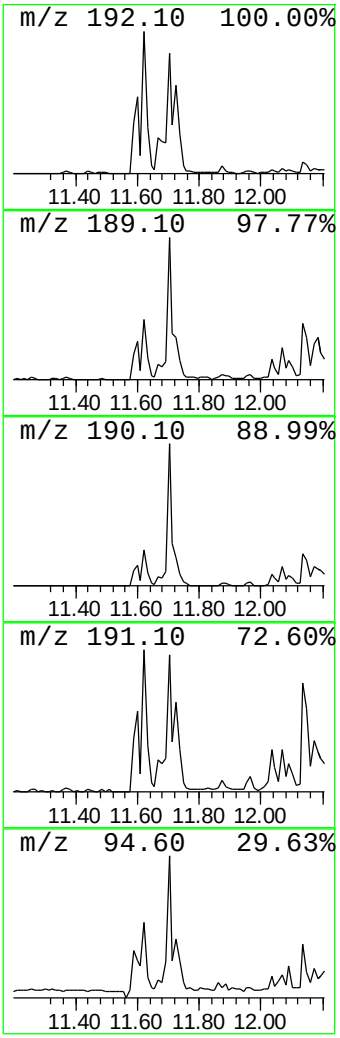
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	6.23 ng	308328	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





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Data File : BF088332.D
Acq On : 24 Jun 2016 15:29
Operator : UM/SJ
Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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

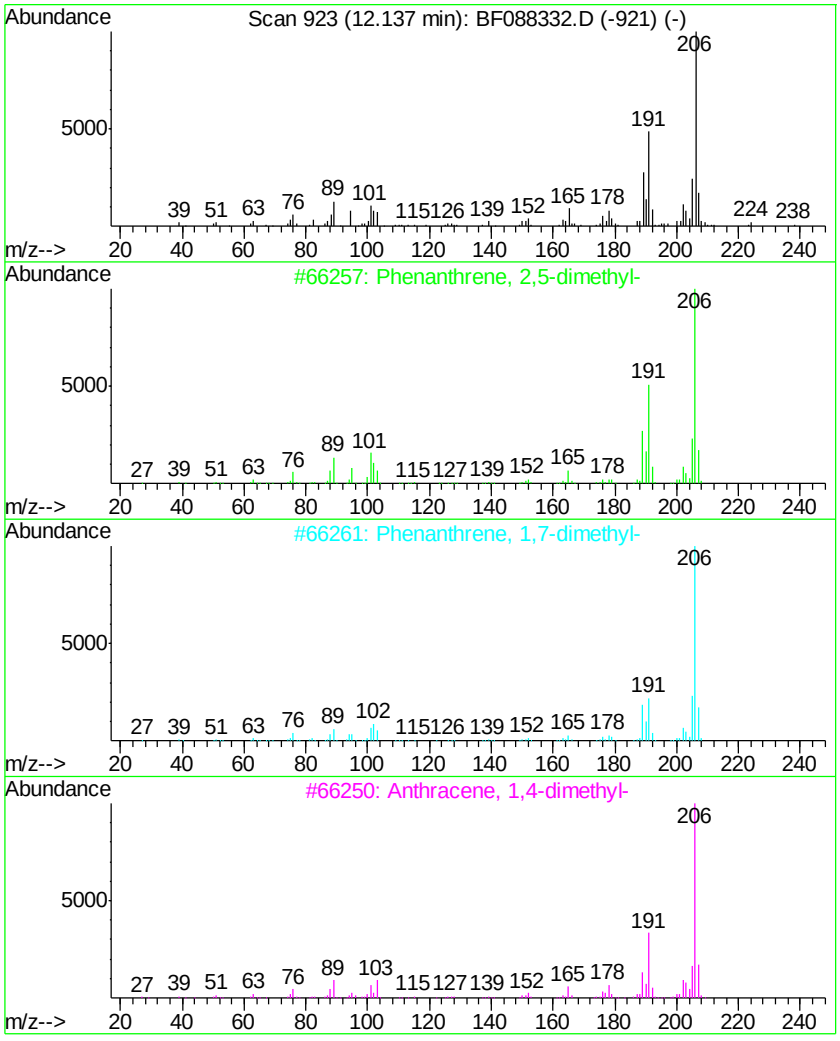
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

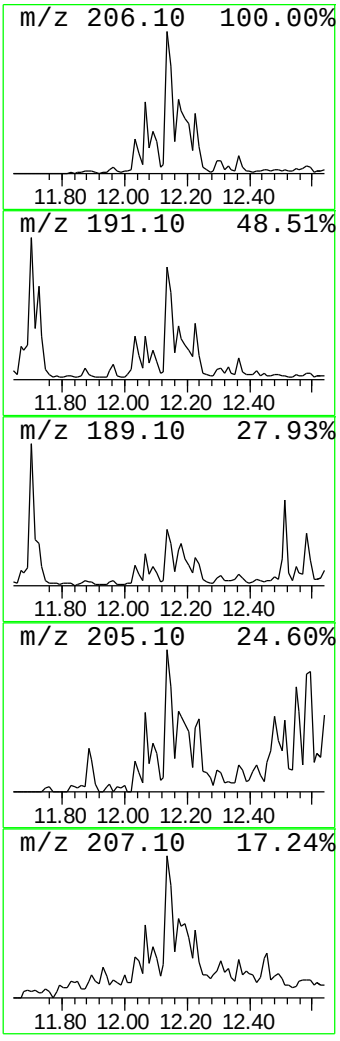
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.66 ng	230706	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Acq On : 24 Jun 2016 15:29
Operator : UM/SJ
Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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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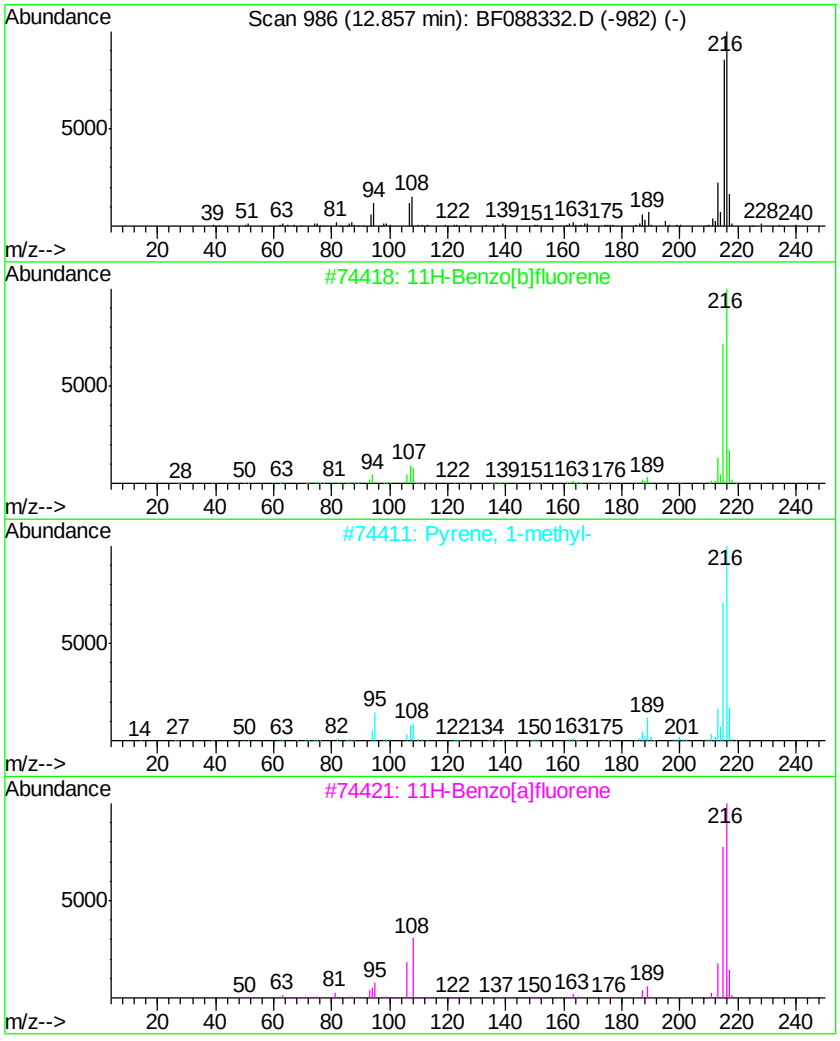
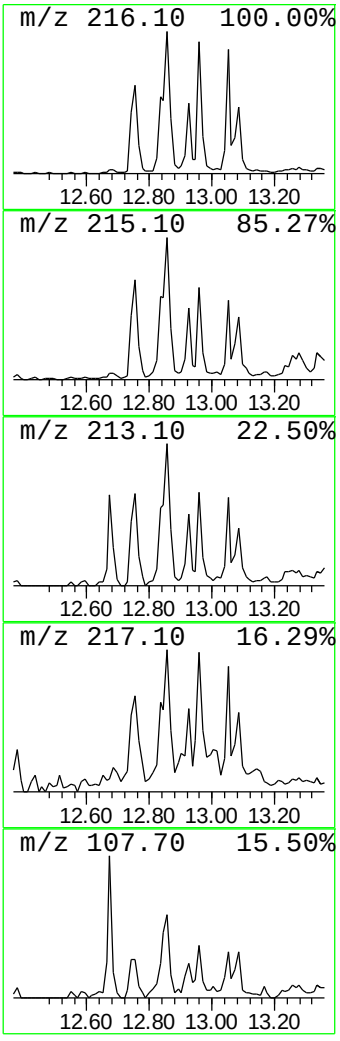
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	5.44 ng	358755	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
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	81





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ClientSampleId : SC-STA-1442(0-4)

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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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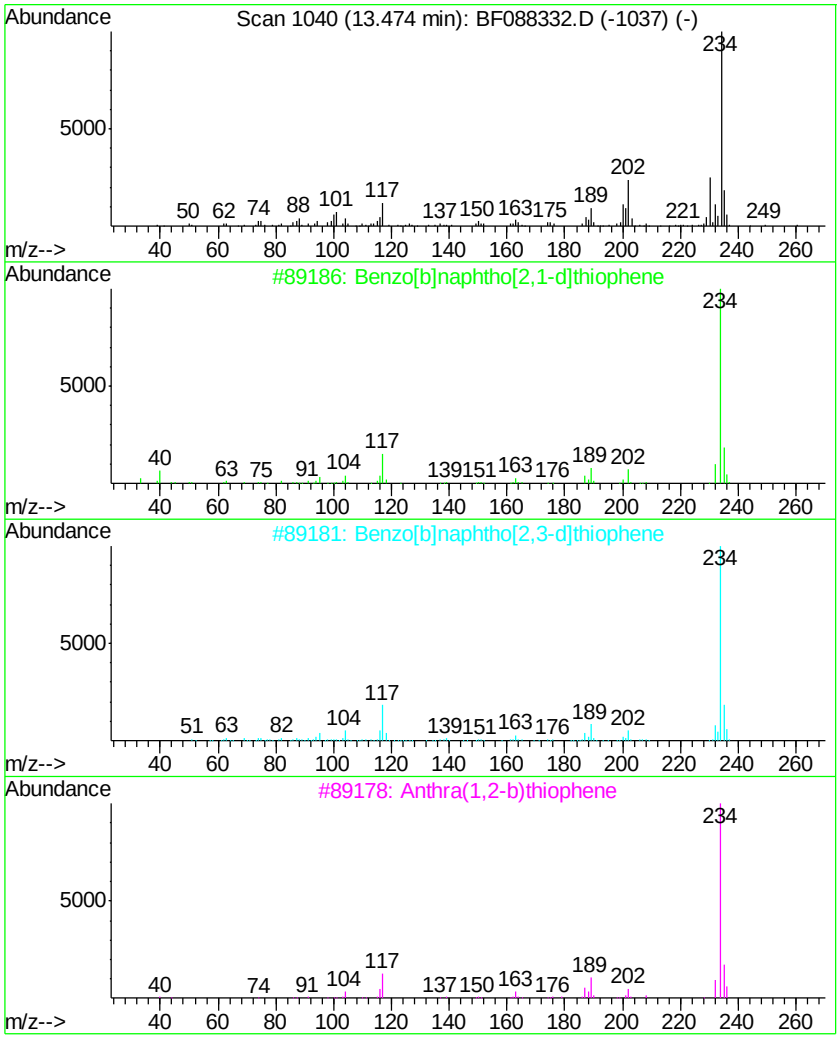
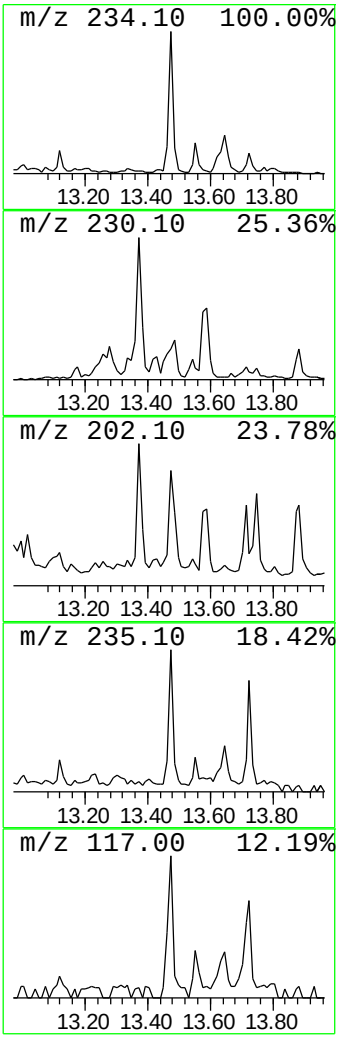
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.38 ng	289048	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	49
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	49





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ALS Vial : 3 Sample Multiplier: 1

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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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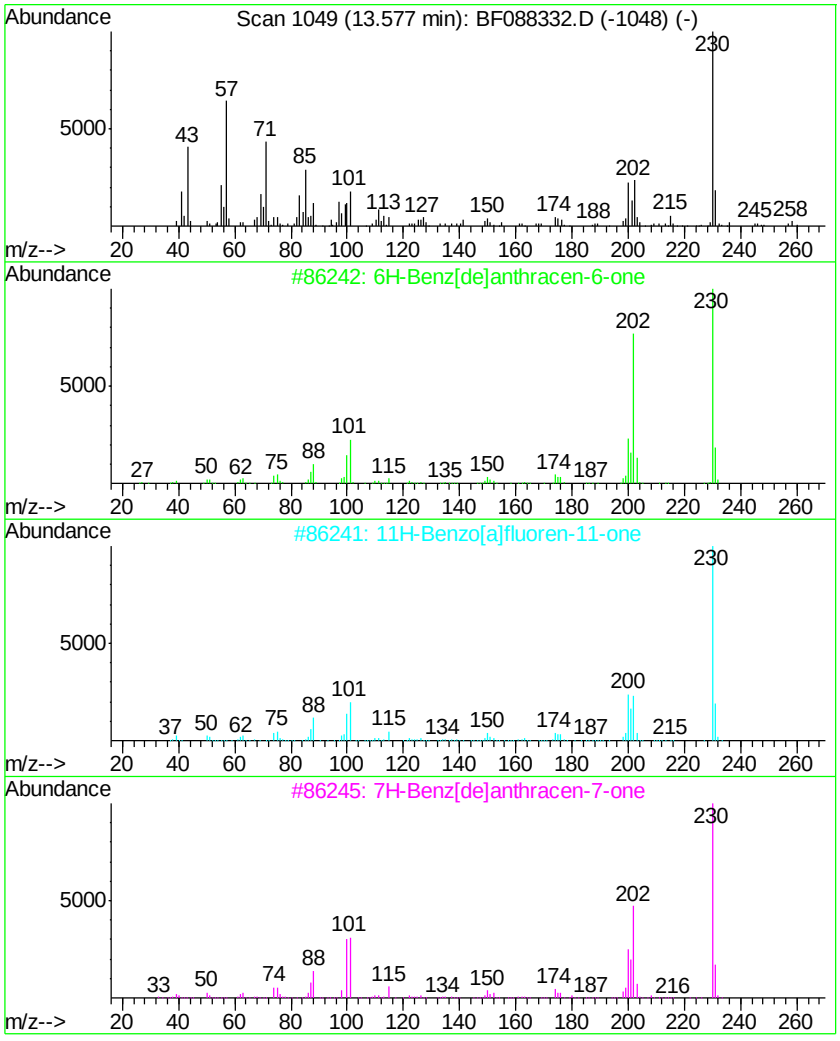
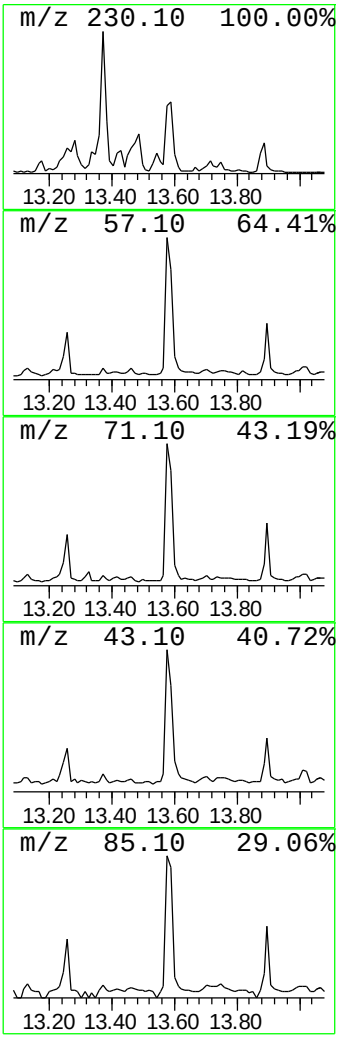
Peak Number 10 6H-Benz[de]anthracen-6-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	4.52 ng	298159	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
4	Hexadecane	226	C16H34	000544-76-3	43
5	Tetradecane	198	C14H30	000629-59-4	43





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Acq On : 24 Jun 2016 15:29
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Sample : H3622-01
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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : SC-STA-1442(0-4)

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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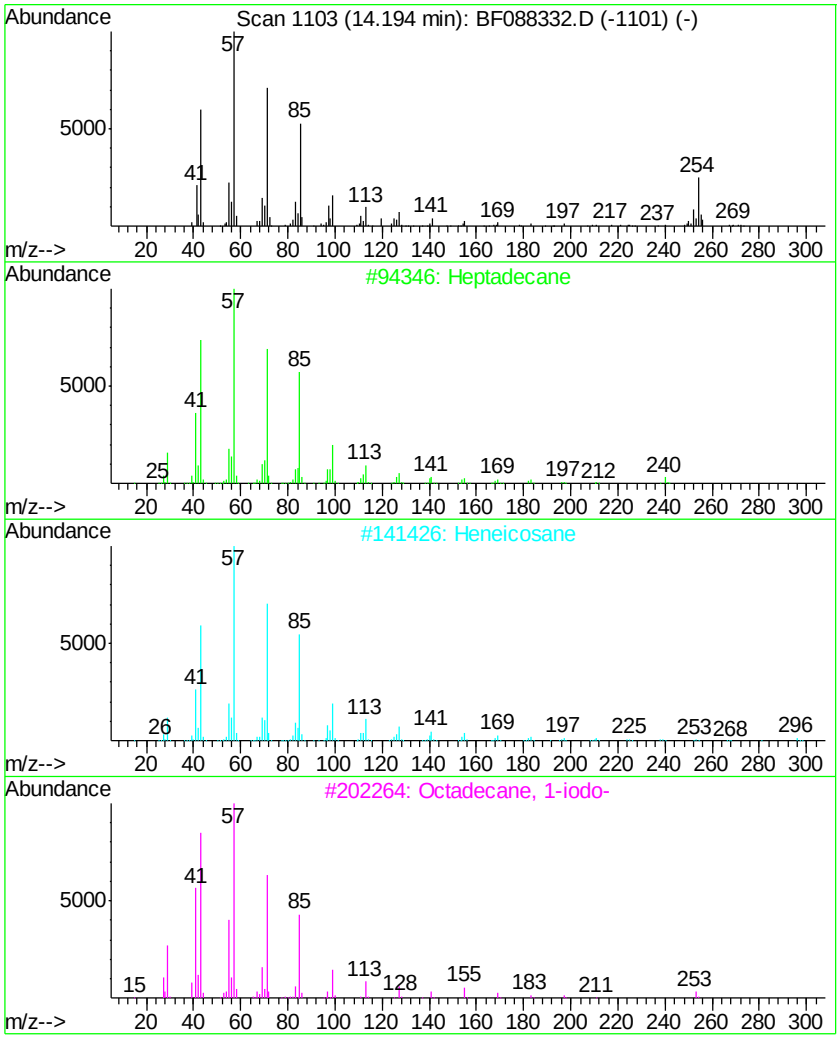
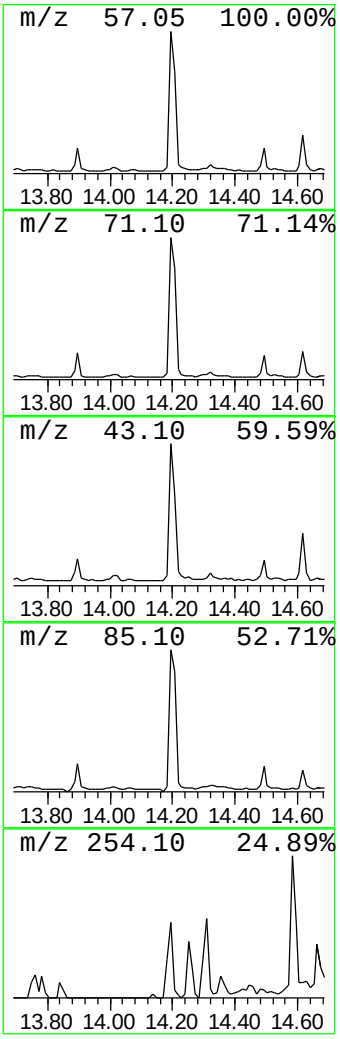
Peak Number 11 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	5.11 ng	337342	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Heneicosane	296	C21H44	000629-94-7	76
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
5	Tetracosane	338	C24H50	000646-31-1	64





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Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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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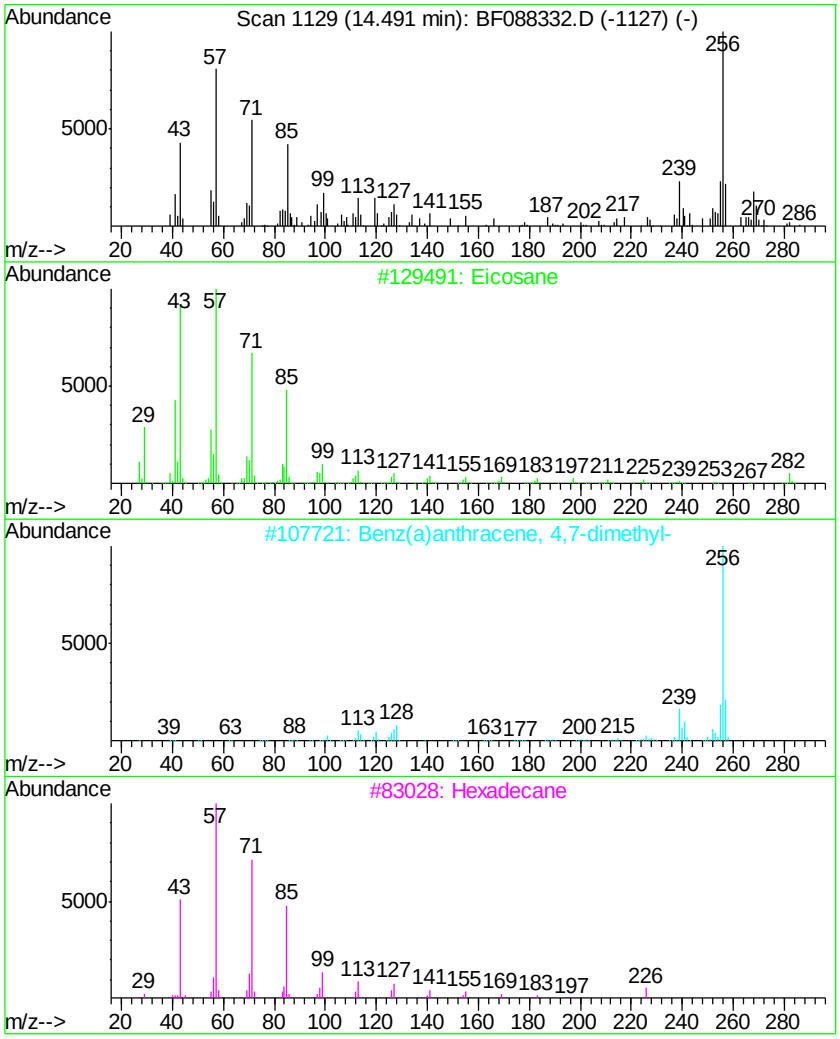
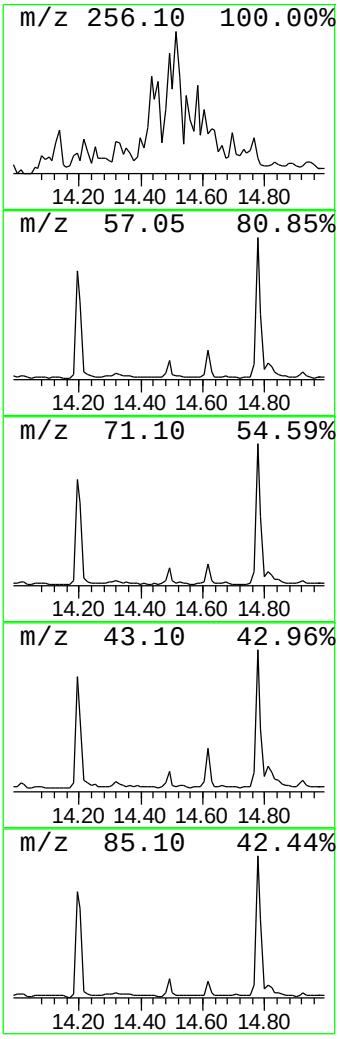
Peak Number 12 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	5.15 ng	112864	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	78
3	Hexadecane	226	C16H34	000544-76-3	68
4	Octadecane	254	C18H38	000593-45-3	64
5	7,8,9,10-Tetrahydrobenzo[a]pyrene	256	C20H16	017750-93-5	55





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Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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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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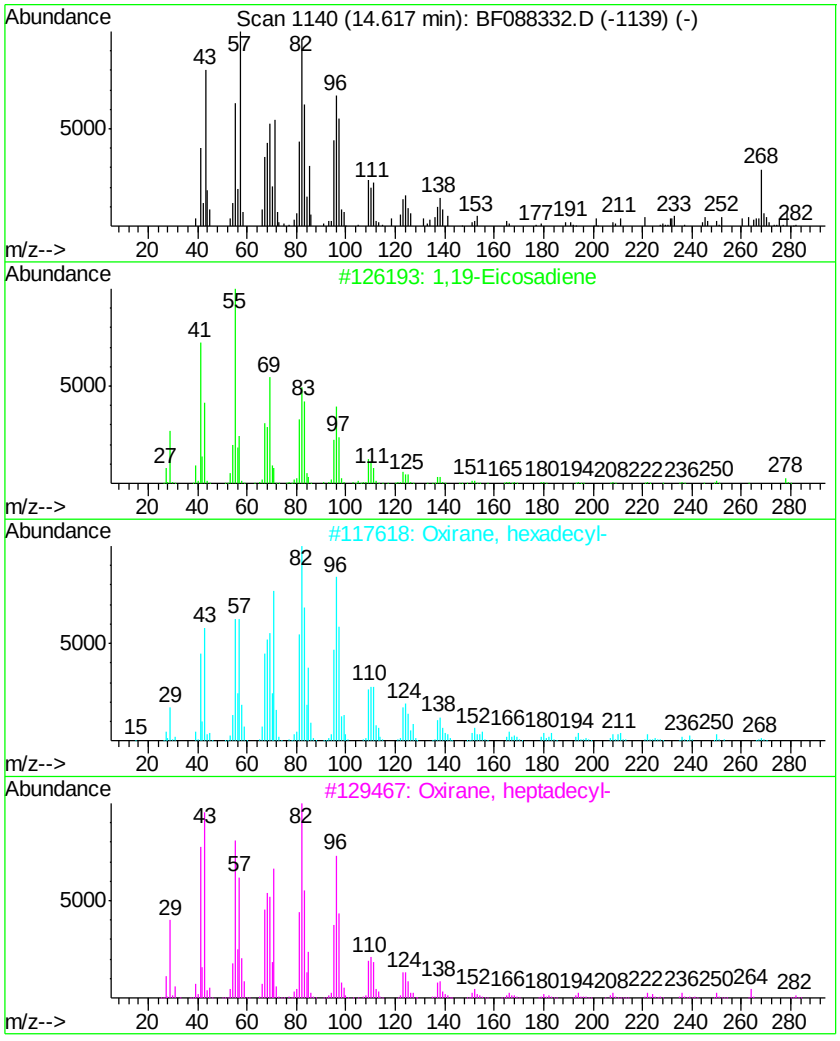
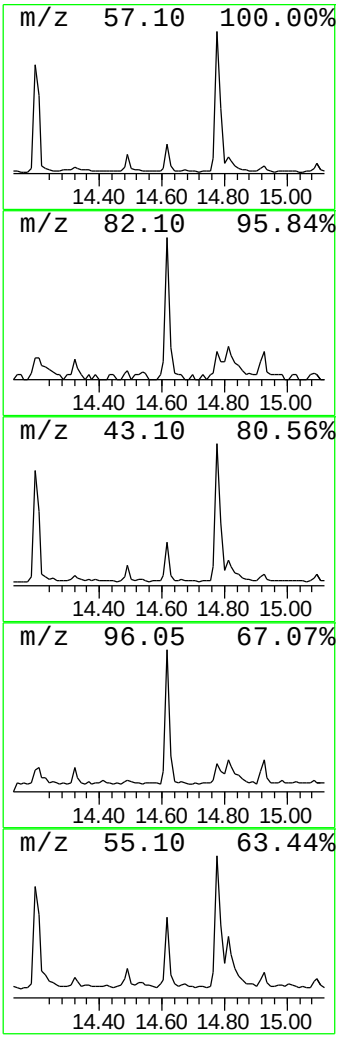
Peak Number 13 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.76 ng	126212	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Disparlure	282	C19H38O	029804-22-6	89





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Misc :
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Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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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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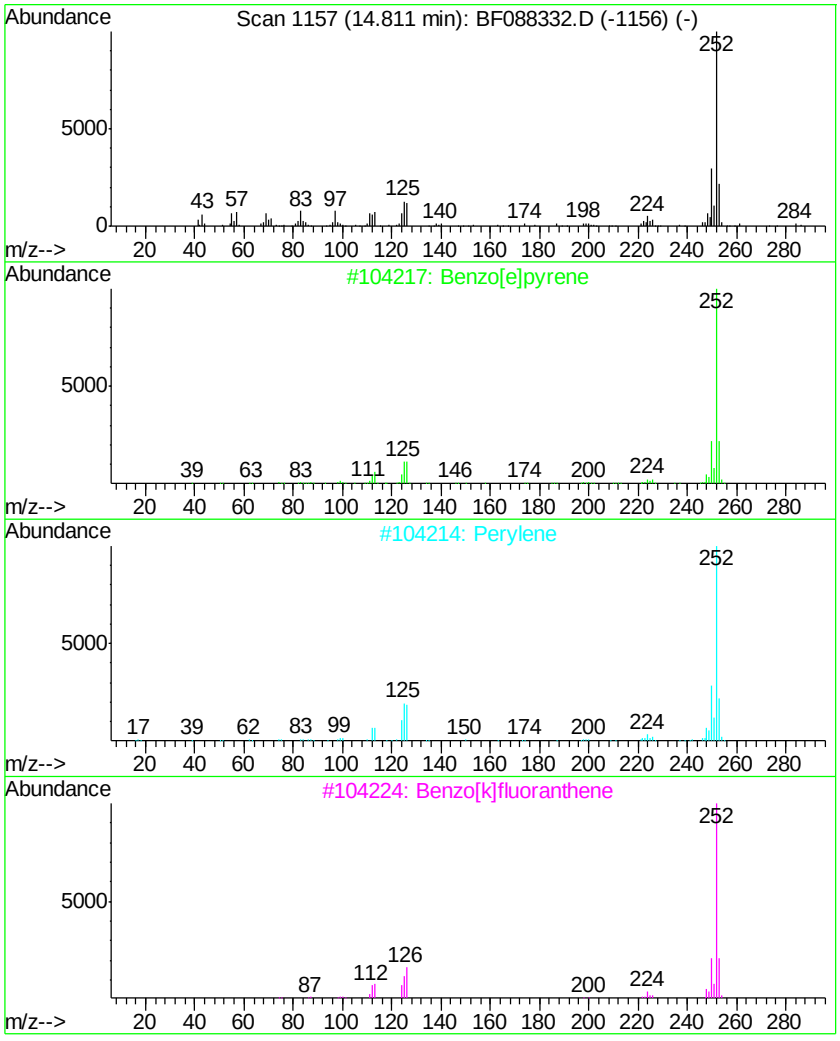
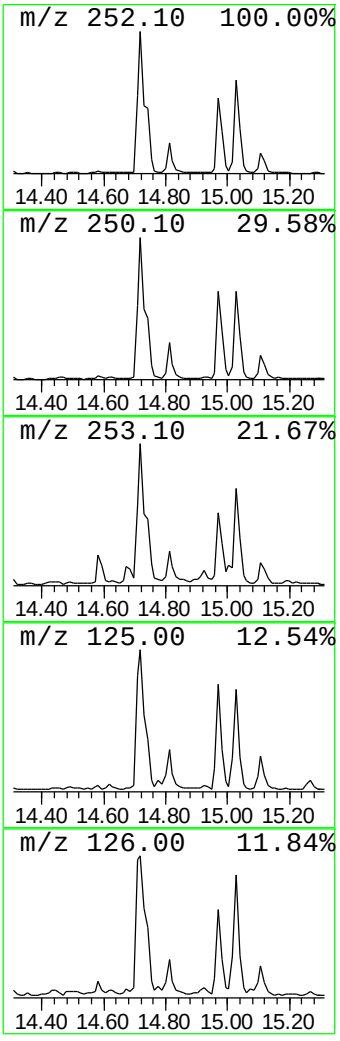
Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	9.68 ng	211936	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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Sample : H3622-01
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Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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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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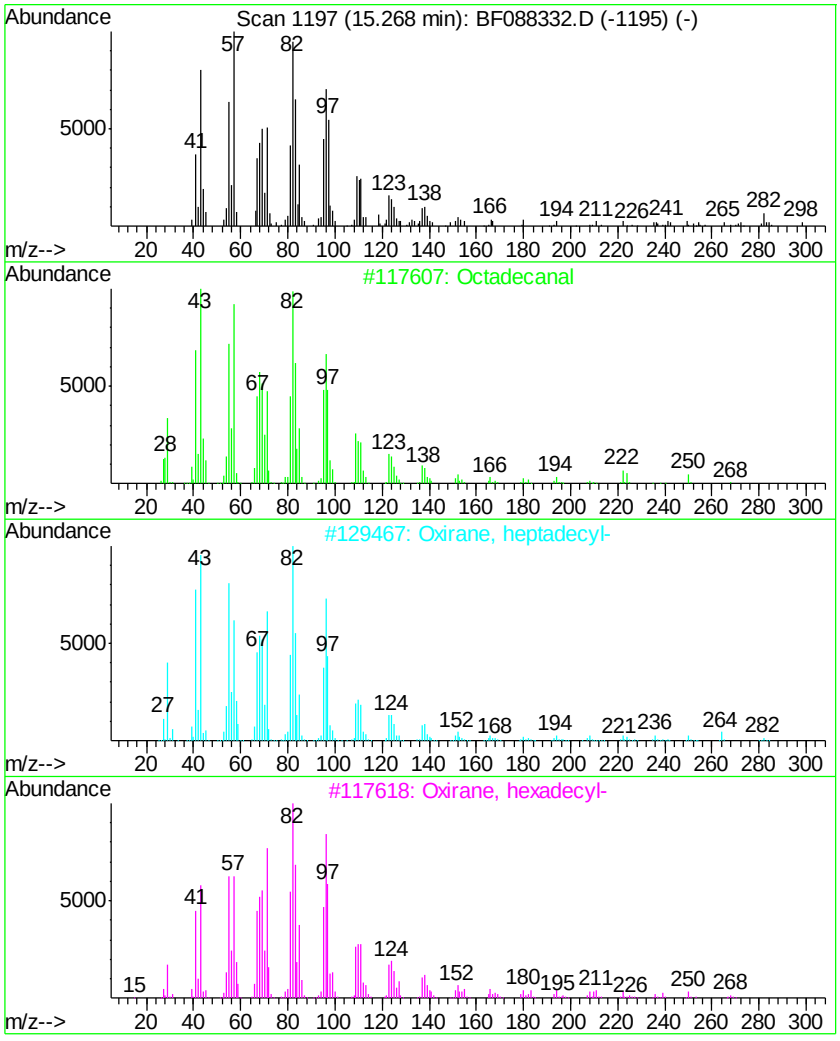
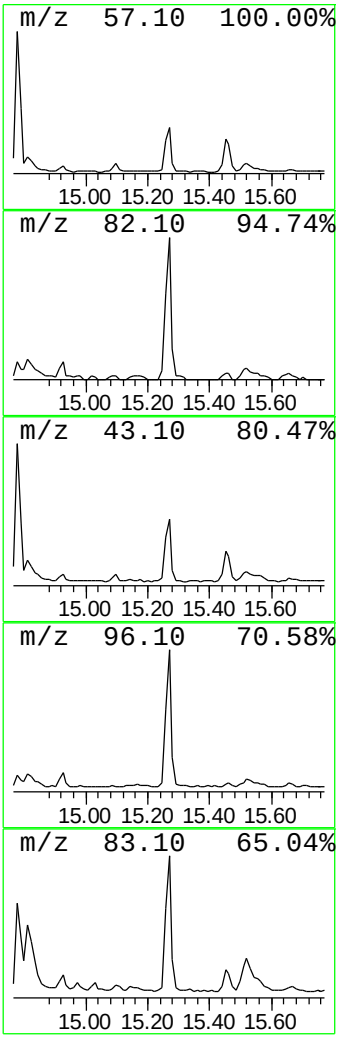
Peak Number 16 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	12.97 ng	283979	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	95
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Hexadecanal	240	C16H32O	000629-80-1	91
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	83





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TIC Library : C:\Database\NIST11.L
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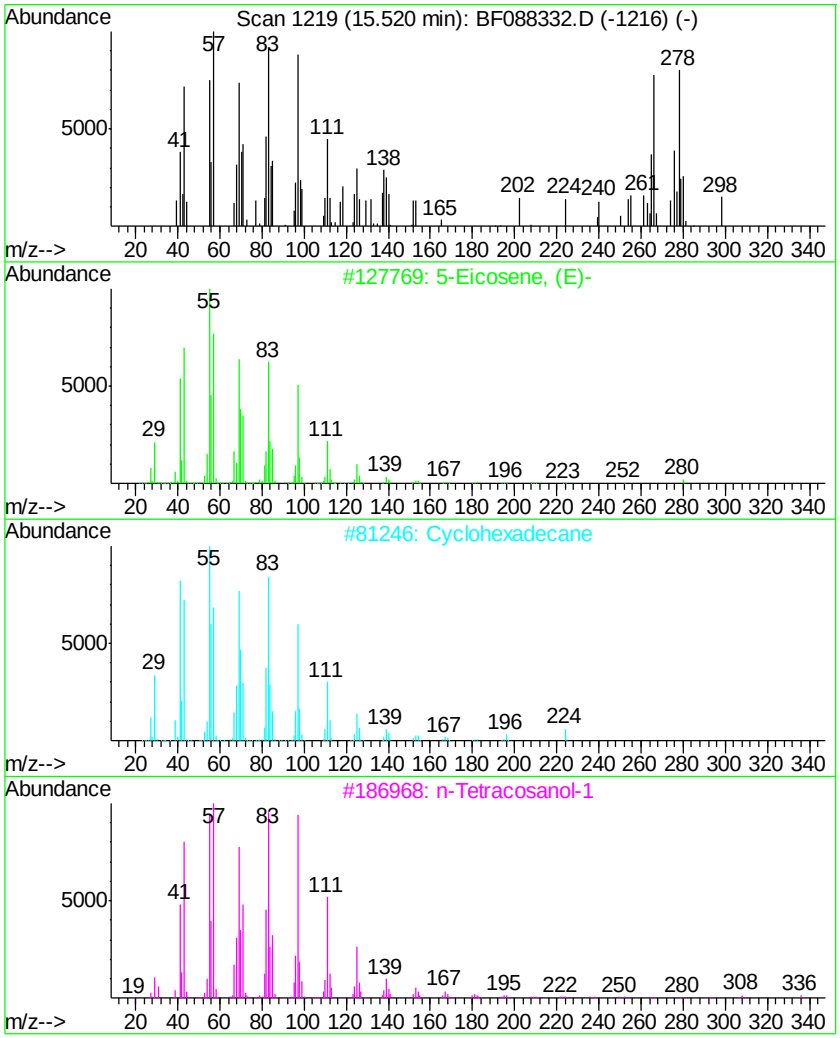
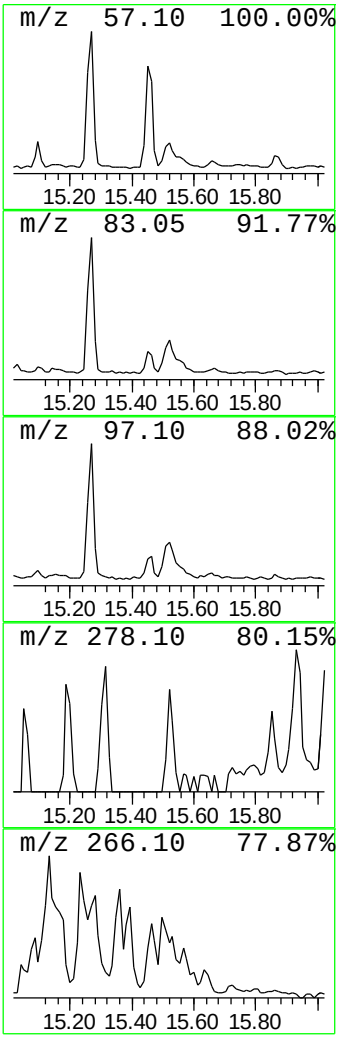
Peak Number 18 5-Eicosene, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.98 ng	108991	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
4	1-Eicosene	280	C20H40	003452-07-1	81
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	81





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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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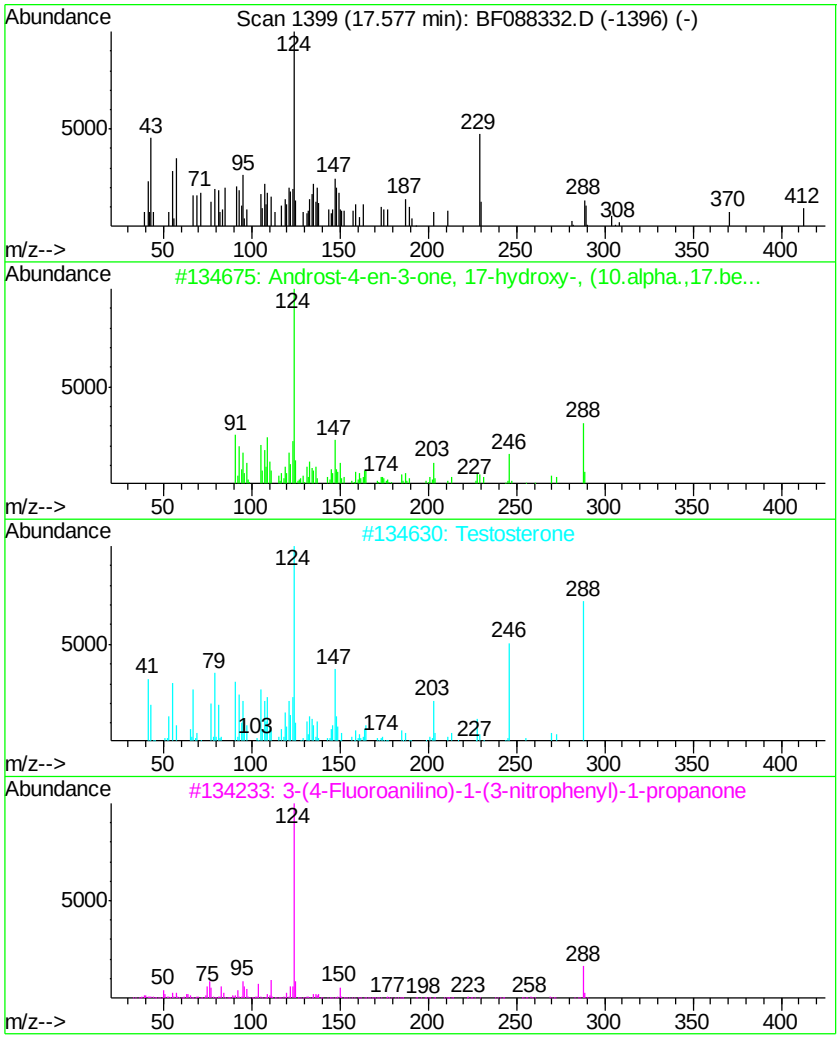
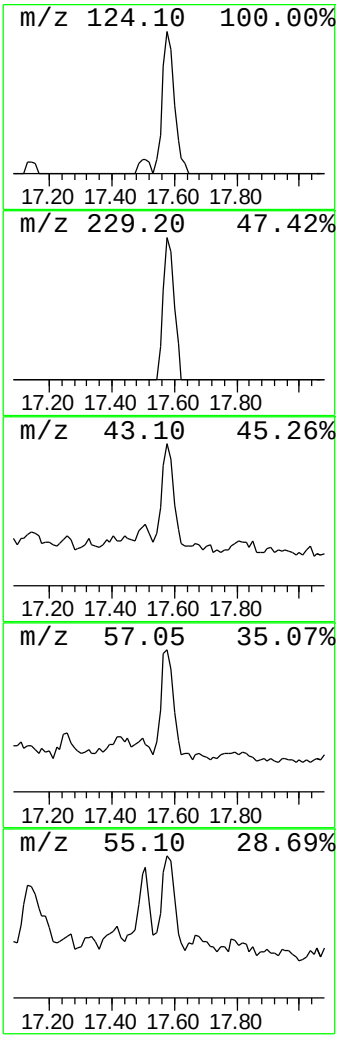
Peak Number 19 Androst-4-en-3-one, 17-hydr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	6.07 ng	132916	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	80
2	Testosterone	288	C19H28O2	000058-22-0	50
3	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	30
4	3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	27
5	1-(4-Fluoro-phenyl)-5-oxo-pyrrol...	376	C19H18ClFN2O3	1000295-58-5	27





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

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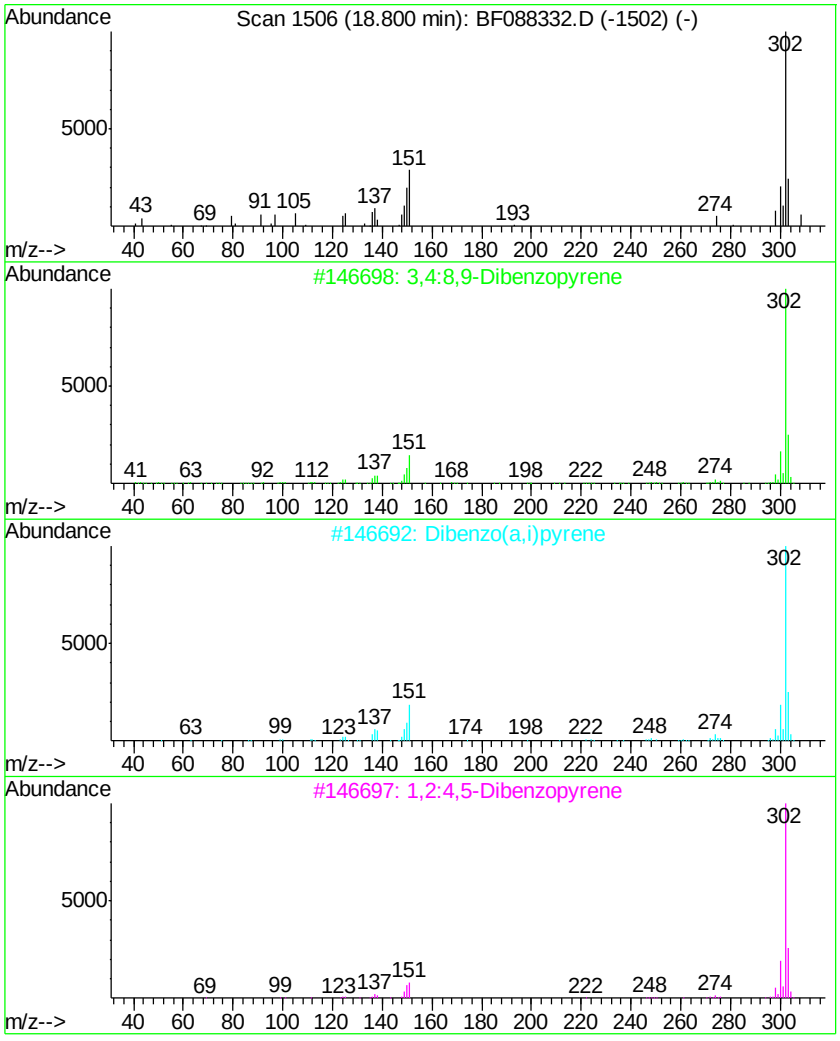
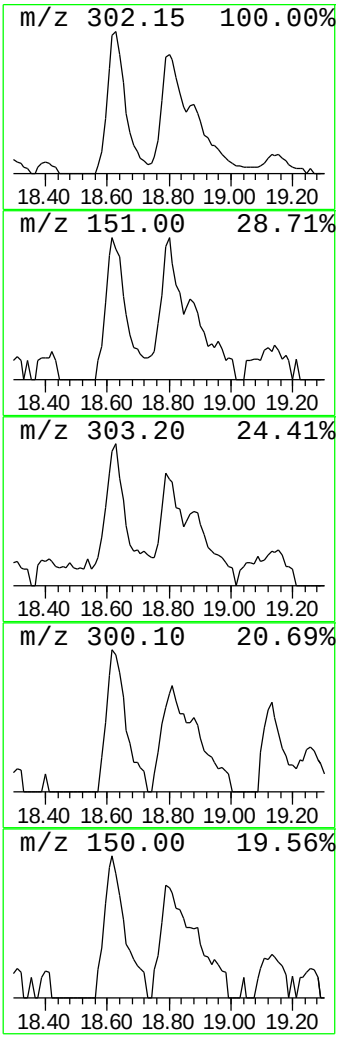
Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	4.94 ng	108249	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	91
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	91
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	72
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	50





Tentatively Identified Compound (LSC) summary

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Data File : BF088332.D
Acq On : 24 Jun 2016 15:29
Operator : UM/SJ
Sample : H3622-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1442(0-4)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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2-Pentanone, 4-hy...	4.72	5.6	ng	121474	1	6.58	433890	20.0
unknown6.35	6.35	75.0	ng	1626440	1	6.58	433890	20.0
4H-Cyclopenta[def...	11.70	6.2	ng	308328	4	11.10	989356	20.0
Phenanthrene, 2,5...	12.14	4.7	ng	230706	4	11.10	989356	20.0
11H-Benzo[b]fluorene	12.86	5.4	ng	358755	5	13.73	1319250	20.0
Benzo[b]naphtho[2...	13.47	4.4	ng	289048	5	13.73	1319250	20.0
6H-Benz[de]anthra...	13.58	4.5	ng	298159	5	13.73	1319250	20.0
Heptadecane	14.19	5.1	ng	337342	5	13.73	1319250	20.0
Eicosane	14.49	5.2	ng	112864	6	15.09	437980	20.0
1,19-Eicosadiene	14.62	5.8	ng	126212	6	15.09	437980	20.0
Benzo[e]pyrene	14.81	9.7	ng	211936	6	15.09	437980	20.0
Octadecanal	15.27	13.0	ng	283979	6	15.09	437980	20.0
5-Eicosene, (E)-	15.52	5.0	ng	108991	6	15.09	437980	20.0
Androst-4-en-3-on...	17.58	6.1	ng	132916	6	15.09	437980	20.0
3,4:8,9-Dibenzopy...	18.80	4.9	ng	108249	6	15.09	437980	20.0