LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088902.D
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

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-BF063016.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	1.678	7	8	17	rVB	172224	273709	9.85%	0.523%
2	1.804	17	19	25	rBV	1216326	2309015	83.11%	4.411%
3	2.878	109	113	124	rBV	60648	153506	5.53%	0.293%
4	4.867	284	287	294	rBV	91111	146638	5.28%	0.280%
5	5.301	322	325	328	rBV	1532727	1978707	71.22%	3.780%
6	6.364	414	418	420	rVB	1466877	2231785	80.33%	4.264%
7	6.478	425	428	431	rVB	1767382	1973109	71.02%	3.770%
8	6.707	446	448	450	rBV	388447	404294	14.55%	0.772%
9	6.867	459	462	464	rBV	1696580	1550472	55.81%	2.962%
10	7.279	495	498	500	rBV	1281943	1274295	45.87%	2.435%
11	7.999	558	561	562	rBV	649948	631139	22.72%	1.206%
12	8.707	621	623	625	rVB	184991	150395	5.41%	0.287%
13	8.810	629	632	634	rVB	109930	147230	5.30%	0.281%
14	9.073	653	655	657	rVB	2001658	1967887	70.83%	3.760%
15	9.164	659	663	665	rBV	71391	98481	3.54%	0.188%
16	9.336	675	678	680	rBV	86623	129318	4.65%	0.247%
17	9.404	682	684	685	rVV	139579	146722	5.28%	0.280%
18	9.439	685	687	688	rVV2	60372	91812	3.30%	0.175%
19	9.473	688	690	692	rVV	435613	453641	16.33%	0.867%
20	9.519	692	694	697	rVB2	55681	104912	3.78%	0.200%
21	9.599	699	701	704	rBV	70633	106896	3.85%	0.204%
22	9.747	711	714	715	rBV	560057	584507	21.04%	1.117%
23	9.782	715	717	719	rVV	184420	262589	9.45%	0.502%
24	9.850	721	723	726	rBV2	49644	85871	3.09%	0.164%
25	9.953	729	732	733	rVV	127115	177920	6.40%	0.340%
26	10.067	739	742	743	rBV2	38108	64919	2.34%	0.124%
27	10.147	745	749	752	rBV3	28261	75478	2.72%	0.144%
28	10.285	760	761	765	rVV	302457	299511	10.78%	0.572%
29	10.353	765	767	770	rVV3	61849	119781	4.31%	0.229%
30	10.410	770	772	774	rVV3	52525	90807	3.27%	0.173%
31	10.445	774	775	778	rVB	94112	99893	3.60%	0.191%
32	10.525	780	782	785	rVV2	834848	1201659	43.25%	2.296%
33	10.662	791	794	799	rBV2	96648	153476	5.52%	0.293%
34	10.833	806	809	810	rBV	90918	112879	4.06%	0.216%

LSC Area Percent Report

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Acq On : 11 Jul 2016 16:32
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Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.947	818	819	820	rBV	45137	54728	1.97%	0.105%
36	10.982	820	822	824	rVV3	46905	58380	2.10%	0.112%
37	11.027	824	826	828	rVB	88932	88801	3.20%	0.170%
38	11.073	828	830	832	rBV	51833	67334	2.42%	0.129%
39	11.119	832	834	839	rVB2	193592	342566	12.33%	0.654%
40	11.222	840	843	844	rBV	457874	541608	19.50%	1.035%
41	11.245	844	845	847	rVV	1392319	1703487	61.32%	3.255%
42	11.302	847	850	851	rVB	457387	634555	22.84%	1.212%
43	11.325	851	852	854	rBV	51175	77400	2.79%	0.148%
44	11.450	861	863	864	rBV	121712	94865	3.41%	0.181%
45	11.553	867	872	875	rVB5	105365	261788	9.42%	0.500%
46	11.633	877	879	881	rVB	85328	86597	3.12%	0.165%
47	11.725	884	887	888	rBV	310818	339522	12.22%	0.649%
48	11.748	888	889	892	rVB	433563	361093	13.00%	0.690%
49	11.793	892	893	895	rBV	162133	152396	5.49%	0.291%
50	11.828	895	896	901	rVB	472493	761734	27.42%	1.455%
51	11.919	901	904	905	rBV2	58635	110123	3.96%	0.210%
52	11.942	905	906	908	rVB2	66341	81833	2.95%	0.156%
53	12.010	910	912	918	rVB3	158541	393068	14.15%	0.751%
54	12.090	918	919	922	rBV3	49605	85508	3.08%	0.163%
55	12.170	922	926	927	rBV2	66487	122678	4.42%	0.234%
56	12.193	927	928	932	rVB	100689	153792	5.54%	0.294%
57	12.273	932	935	936	rBV	214110	270420	9.73%	0.517%
58	12.308	936	938	941	rVB2	107001	194337	7.00%	0.371%
59	12.353	941	942	947	rBV3	124775	159801	5.75%	0.305%
60	12.433	947	949	951	rVB	2113515	1968895	70.87%	3.762%
61	12.479	951	953	955	rBV2	205290	239906	8.64%	0.458%
62	12.570	958	961	966	rBV5	106317	257377	9.26%	0.492%
63	12.662	966	969	970	rBV	2000233	2778159	100.00%	5.308%
64	12.696	970	972	977	rVV	1685745	2159706	77.74%	4.126%
65	12.776	977	979	980	rVV	138384	137317	4.94%	0.262%
66	12.810	980	982	984	rVB	1577901	1618605	58.26%	3.092%
67	12.879	984	988	991	rVB3	163687	261233	9.40%	0.499%
68	12.982	993	997	999	rVB	386627	559929	20.15%	1.070%
69	13.051	999	1003	1004	rBV	388613	418810	15.08%	0.800%
70	13.085	1004	1006	1008	rBV	287411	292538	10.53%	0.559%
71	13.176	1012	1014	1015	rBV	175424	151267	5.44%	0.289%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.211	1015	1017	1018	rBV	134910	137227	4.94%	0.262%
73	13.393	1028	1033	1035	rBV5	98329	228624	8.23%	0.437%
74	13.485	1039	1041	1045	rVB	131277	149754	5.39%	0.286%
75	13.599	1048	1051	1052	rBV2	208616	319209	11.49%	0.610%
76	13.839	1069	1072	1074	rBV2	1058275	1816249	65.38%	3.470%
77	13.953	1080	1082	1083	rVB	159060	141659	5.10%	0.271%
78	13.988	1083	1085	1086	rBV2	67484	63583	2.29%	0.121%
79	14.033	1088	1089	1090	rVV	92290	66969	2.41%	0.128%
80	14.239	1104	1107	1108	rBV	189368	255413	9.19%	0.488%
81	14.342	1114	1116	1121	rVB3	352835	563827	20.29%	1.077%
82	14.536	1131	1133	1136	rBV2	82273	191019	6.88%	0.365%
83	14.845	1157	1160	1165	rBV	592059	1404951	50.57%	2.684%
84	14.936	1166	1168	1171	rVB	1182173	1362432	49.04%	2.603%
85	15.119	1181	1184	1186	rVB	382212	526208	18.94%	1.005%
86	15.176	1186	1189	1191	rVB	540761	698962	25.16%	1.335%
87	15.222	1191	1193	1195	rBV	231624	347805	12.52%	0.664%
88	15.668	1229	1232	1235	rBV	956730	1535108	55.26%	2.933%
89	15.851	1246	1248	1250	rBV2	80276	145121	5.22%	0.277%
90	16.228	1279	1281	1288	rVB4	114540	304399	10.96%	0.582%
91	16.525	1303	1307	1309	rBV	218497	420766	15.15%	0.804%
92	16.628	1313	1316	1318	rBV	127548	223502	8.04%	0.427%
93	16.914	1338	1341	1344	rVB	164227	335615	12.08%	0.641%
94	16.994	1345	1348	1350	rBV	117028	263039	9.47%	0.503%
95	17.051	1350	1353	1354	rBV2	238520	490928	17.67%	0.938%
96	17.325	1374	1377	1380	rVB2	107932	227156	8.18%	0.434%
97	17.451	1385	1388	1392	rVV	239901	658967	23.72%	1.259%
98	17.531	1393	1395	1400	rVB3	183206	433197	15.59%	0.828%
99	17.748	1410	1414	1422	rBV4	279186	1114750	40.13%	2.130%
100	17.874	1422	1425	1428	rVV	103363	220315	7.93%	0.421%

Sum of corrected areas: 52342163

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
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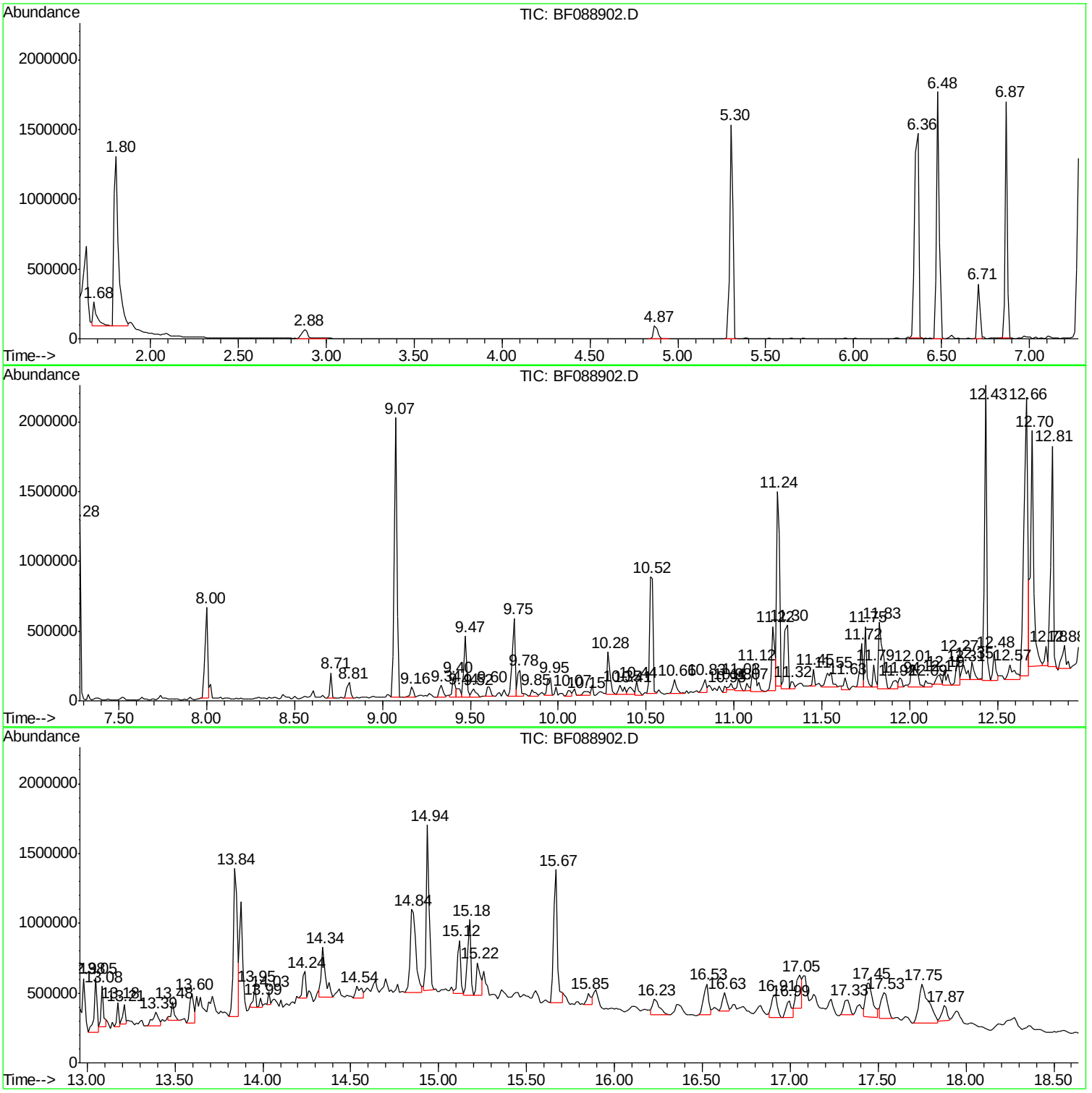
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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Sample : H3948-04
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

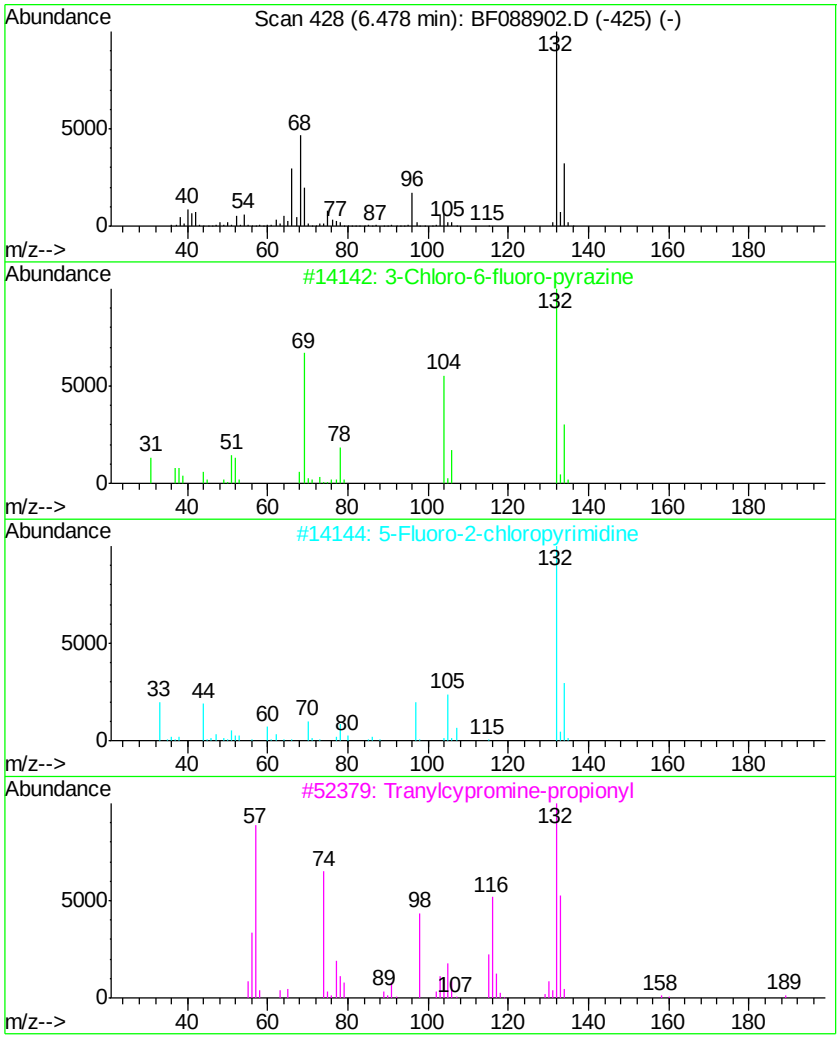
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

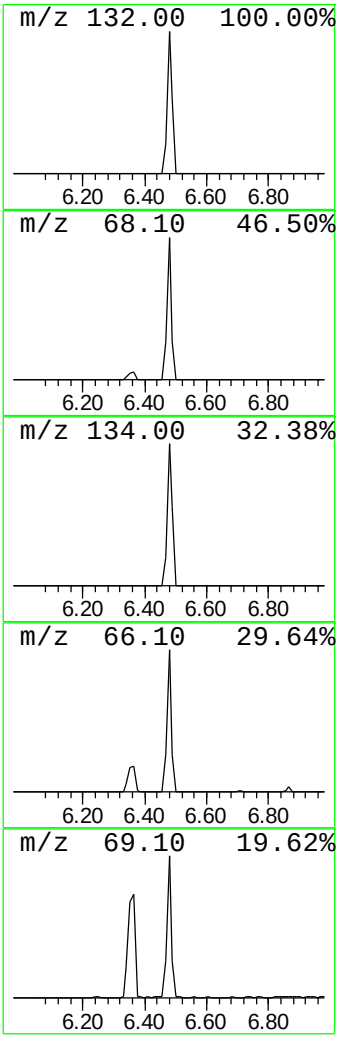
****

Peak Number 3 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	97.61 ng	1973110	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088902.D
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

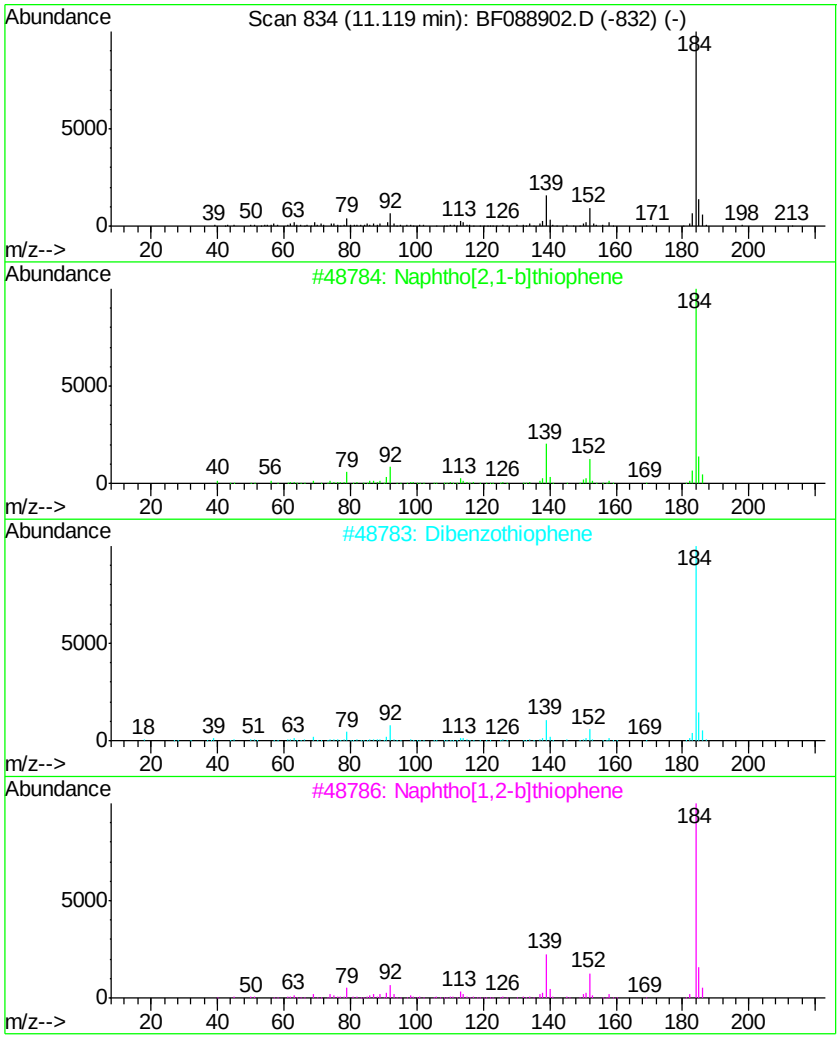
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

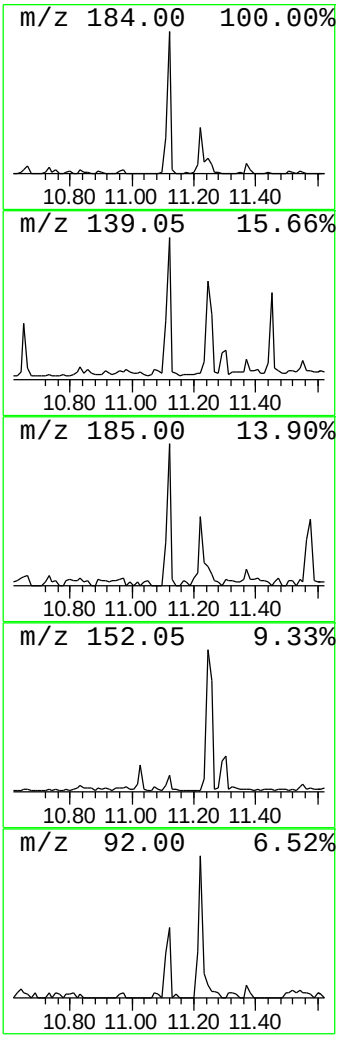
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	12.65 ng	342566	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
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Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
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Instrument : BNA_F
ClientSampleId : NC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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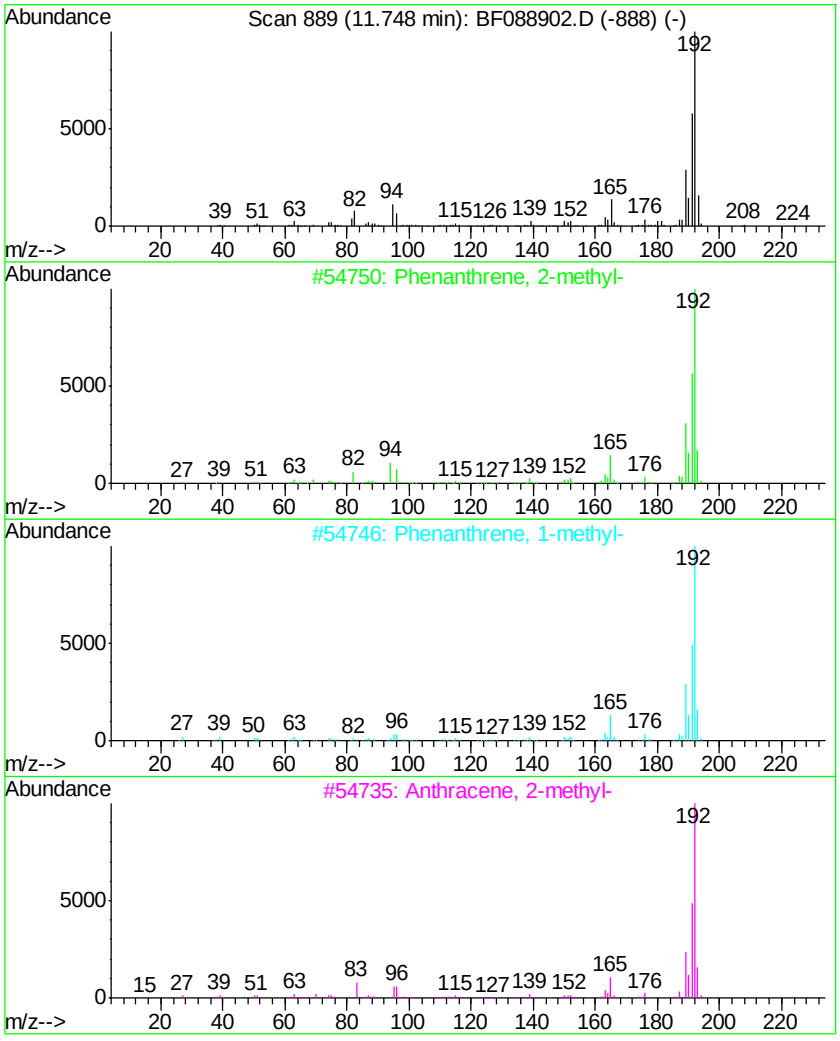
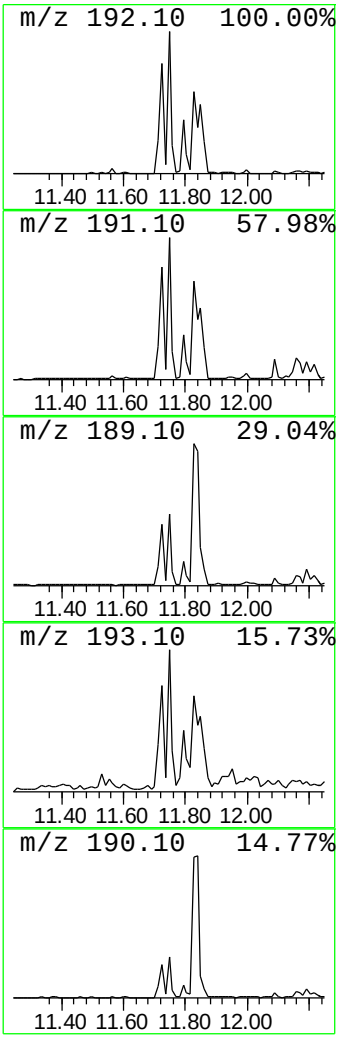
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	13.33 ng	361093	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088902.D
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

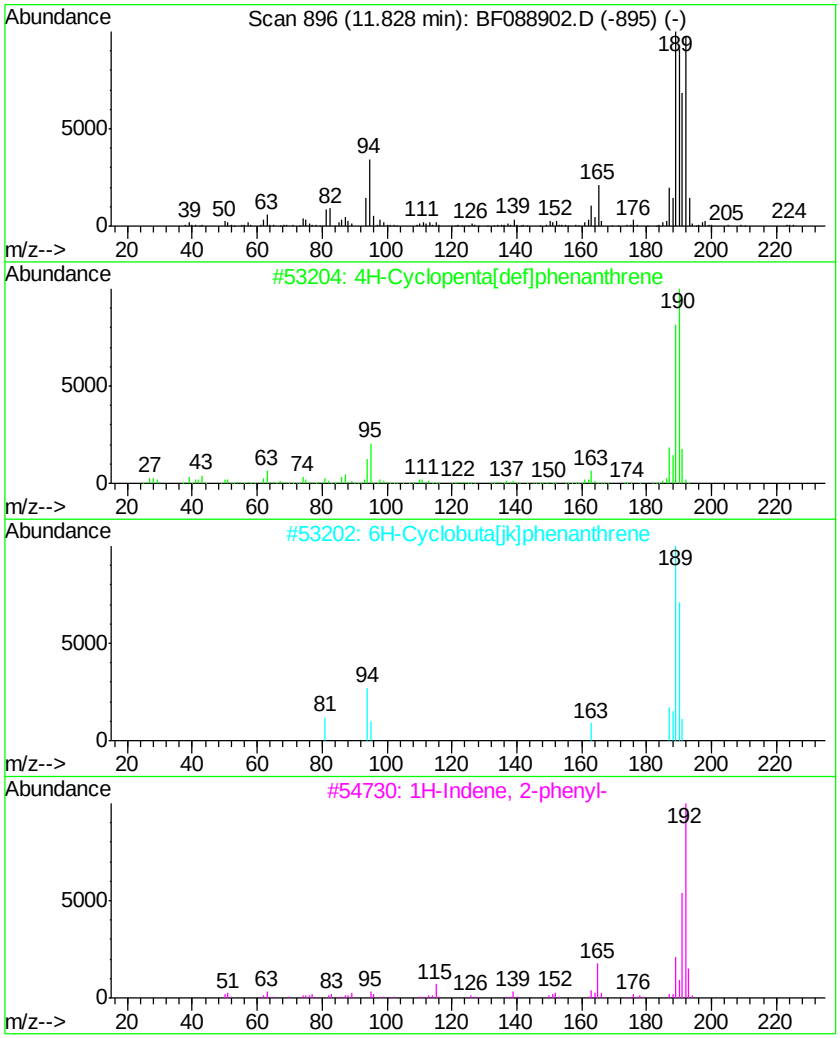
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

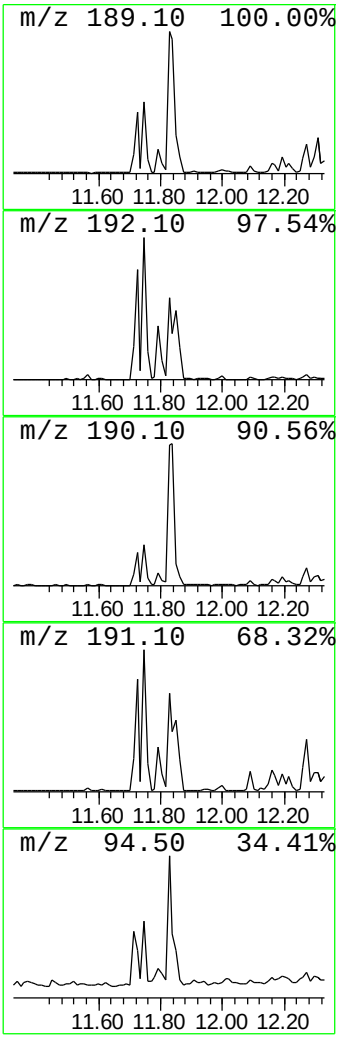
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	28.13 ng	761734	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46





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Data File : BF088902.D
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

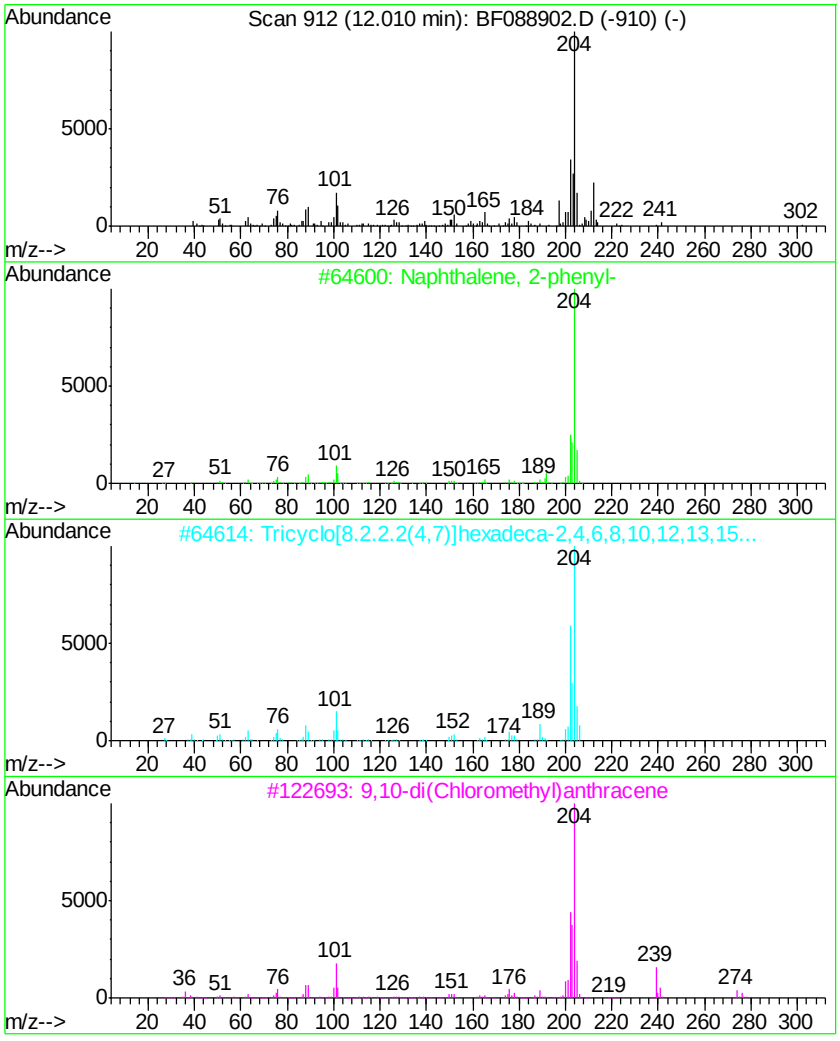
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

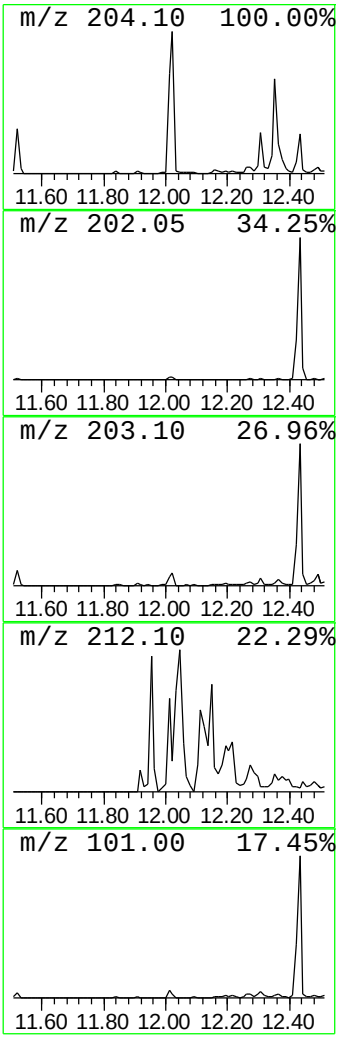
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	14.51 ng	393068	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	59
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088902.D
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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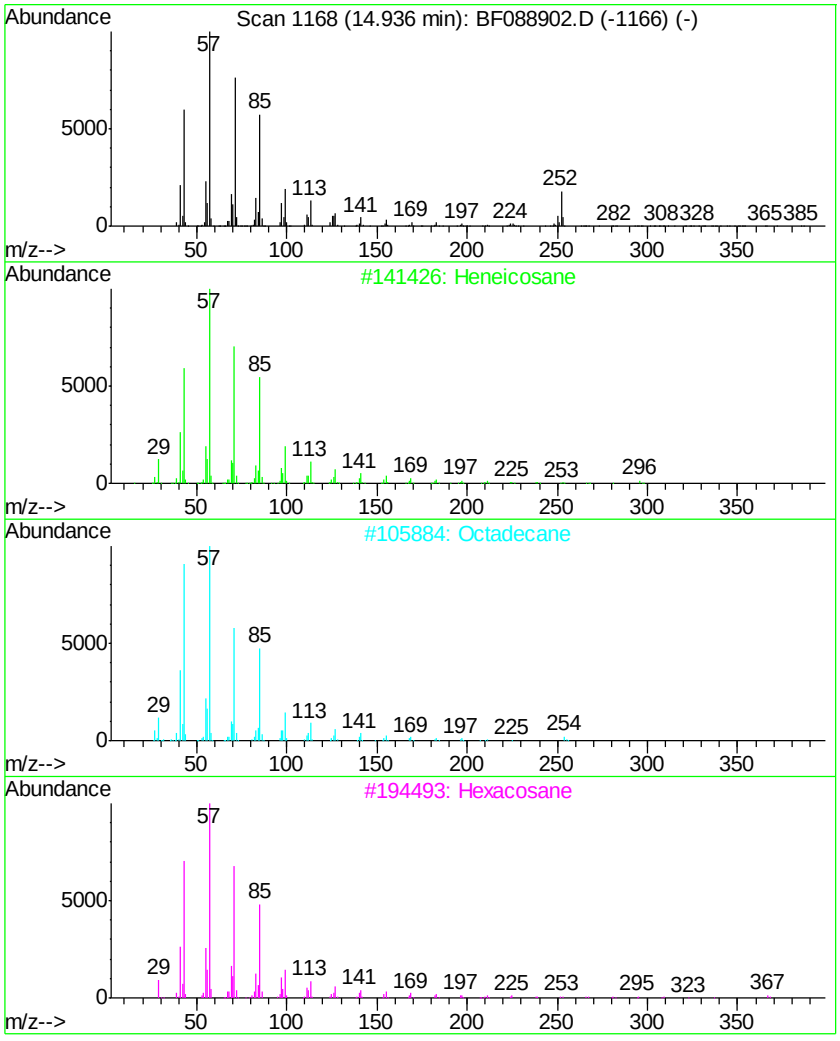
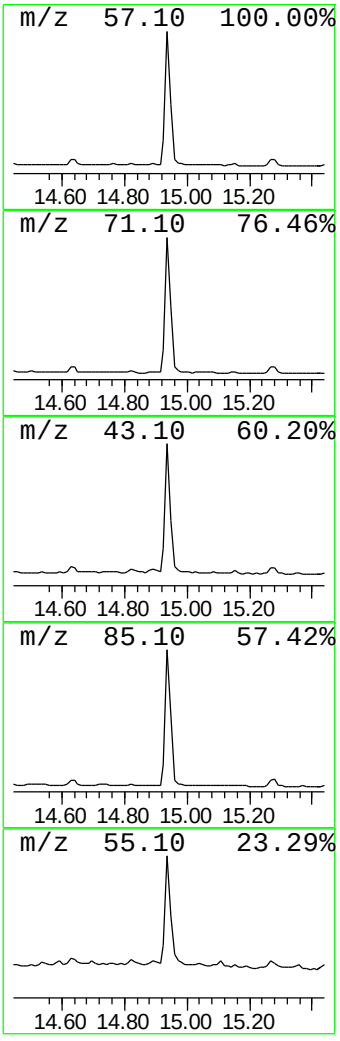
Peak Number 9 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	78.34 ng	1362430	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octadecane	254	C18H38	000593-45-3	83
3	Hexacosane	366	C26H54	000630-01-3	81
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Library Search Compound Report

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Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

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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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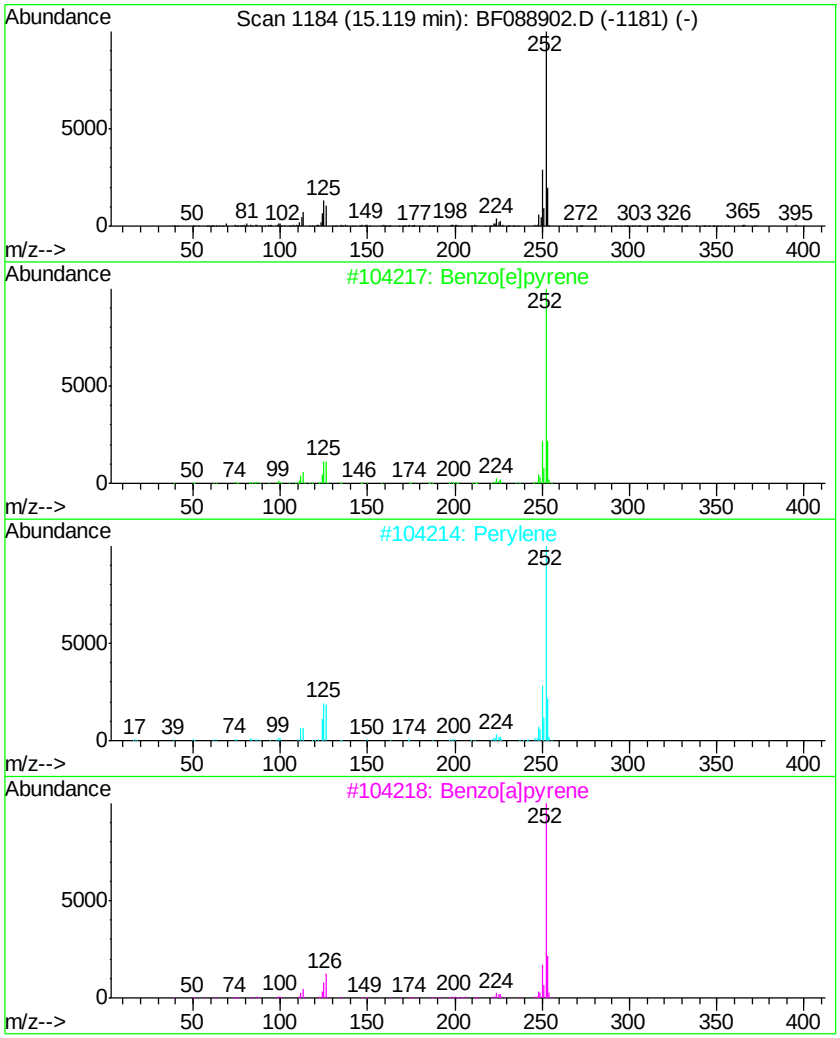
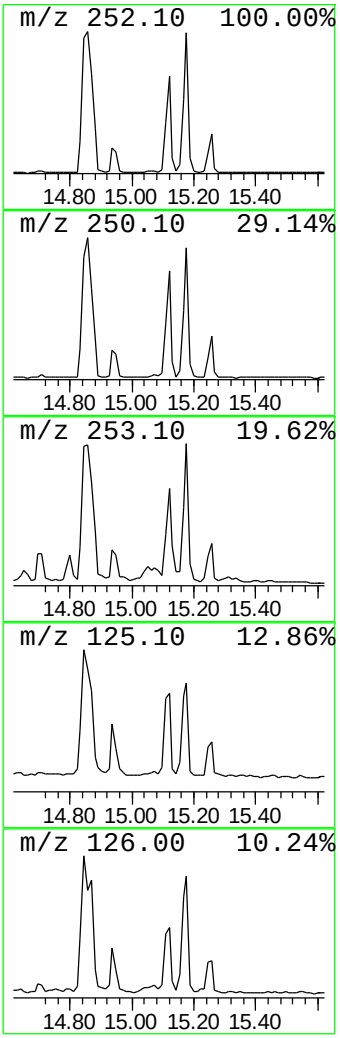
Peak Number 10 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	30.26 ng	526208	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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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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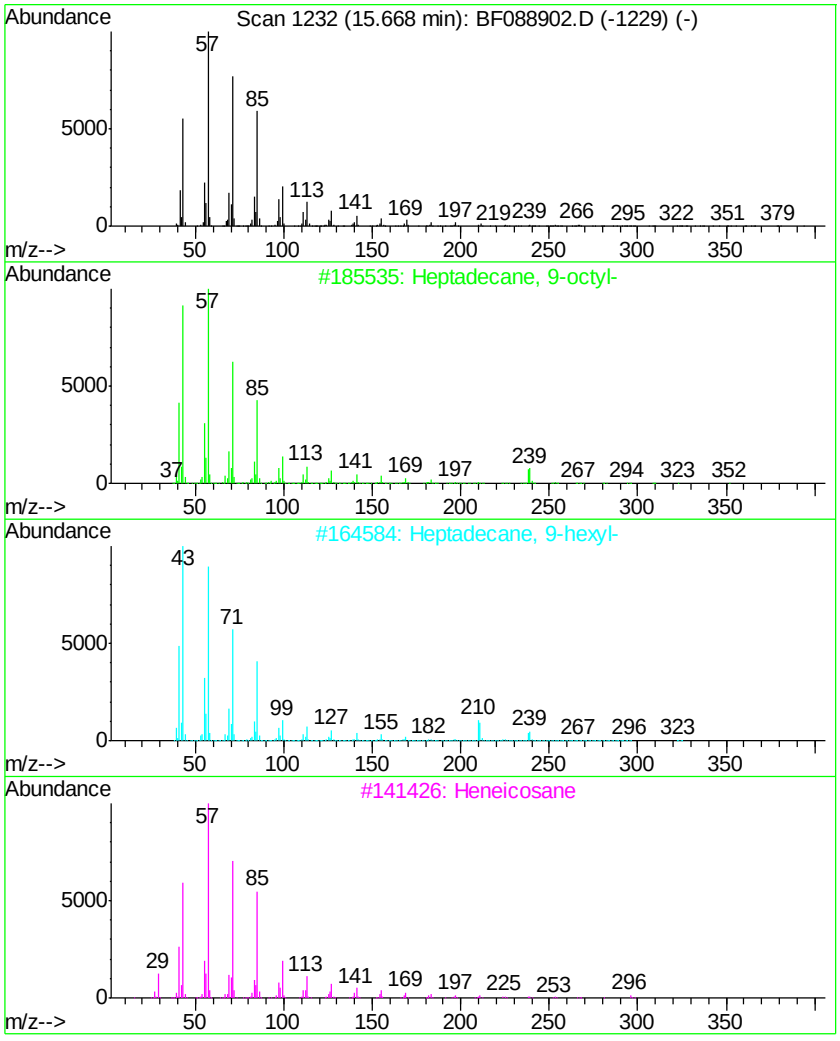
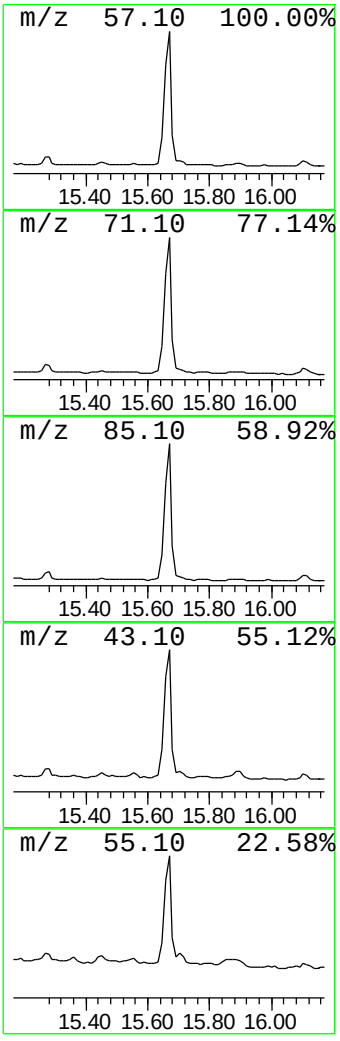
Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	88.27 ng	1535110	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





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ClientSampleId : NC-04

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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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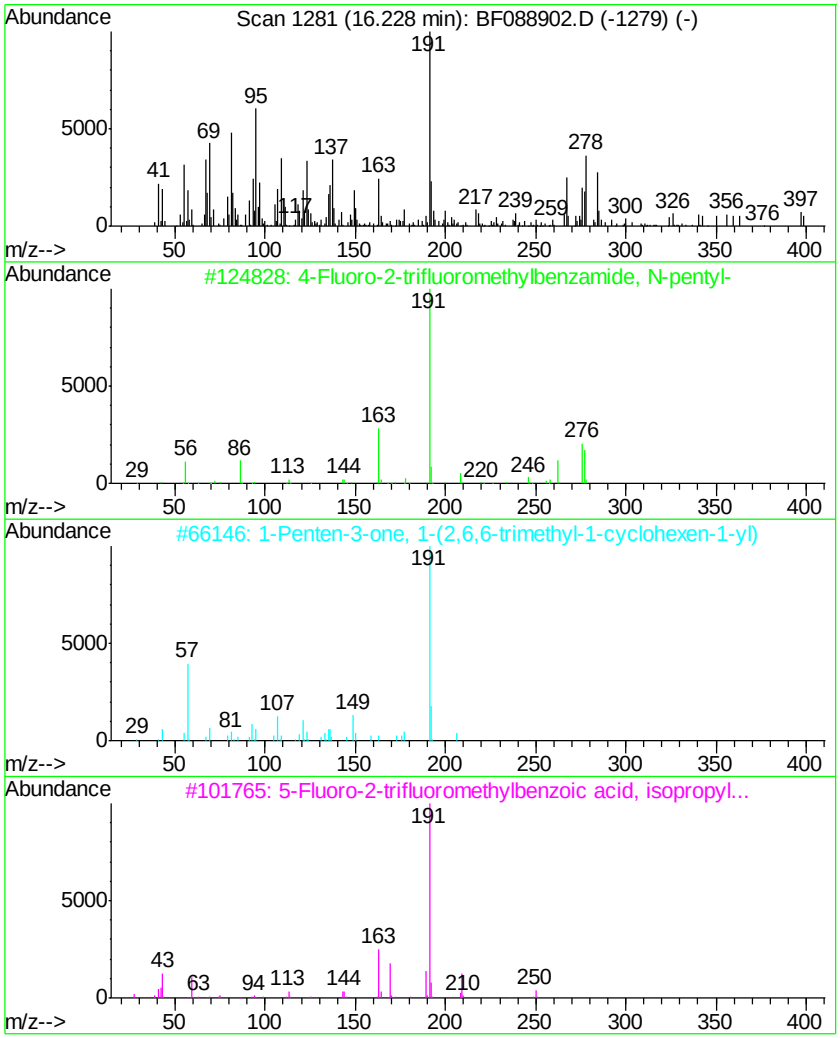
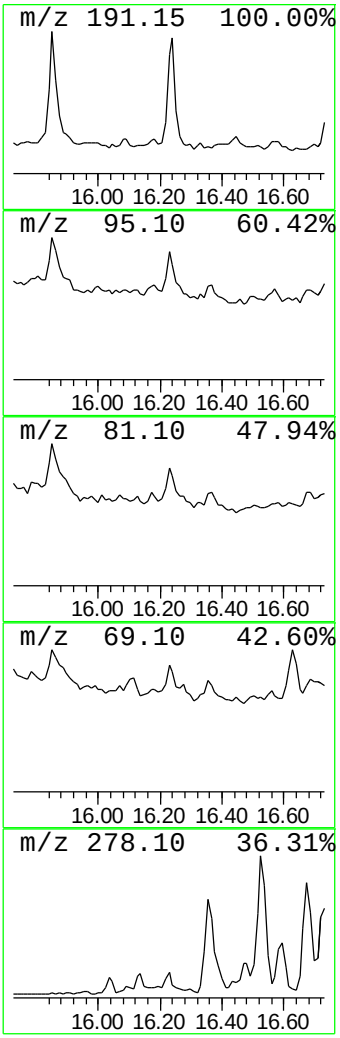
Peak Number 12 unknown16.23 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	17.50 ng	304399	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2-trifluoromethylbenzam...	277	C13H15F4NO	1000358-08-7	38
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27
3	5-Fluoro-2-trifluoromethylbenzoi...	250	C11H10F4O2	1000357-62-3	25
4	5-Fluoro-2-trifluoromethylbenzoi...	418	C23H34F4O2	1000338-56-0	22
5	5-Fluoro-2-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-55-7	22





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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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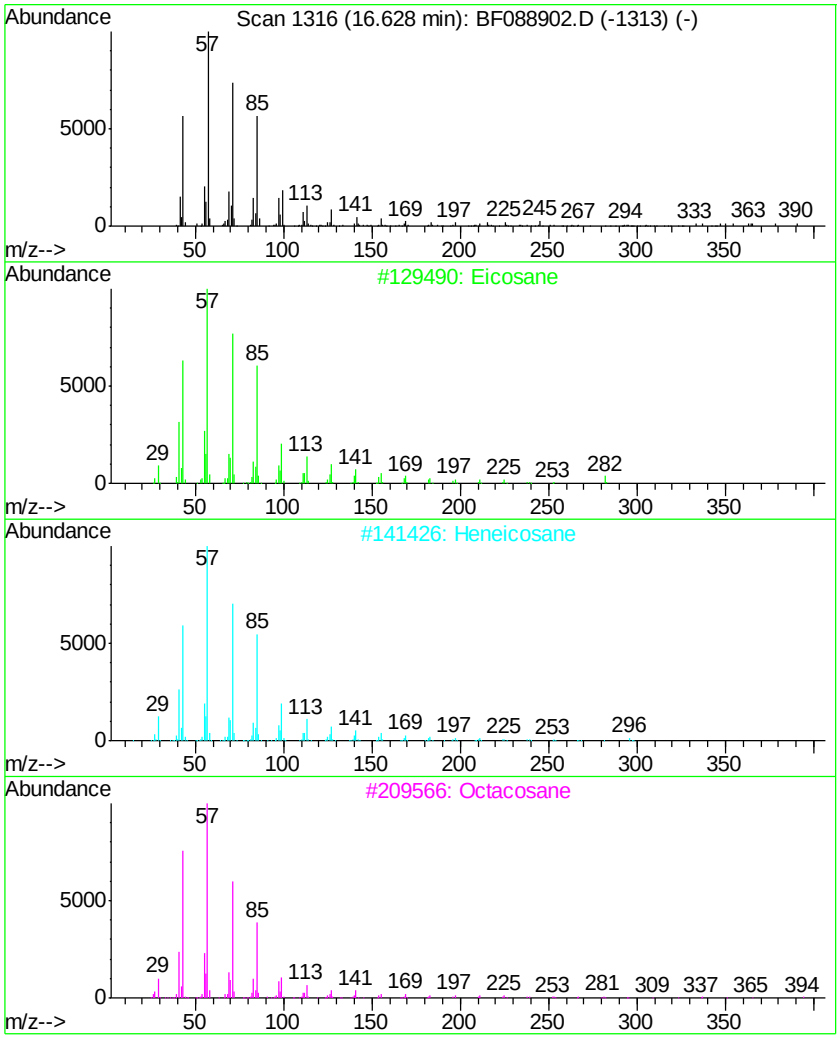
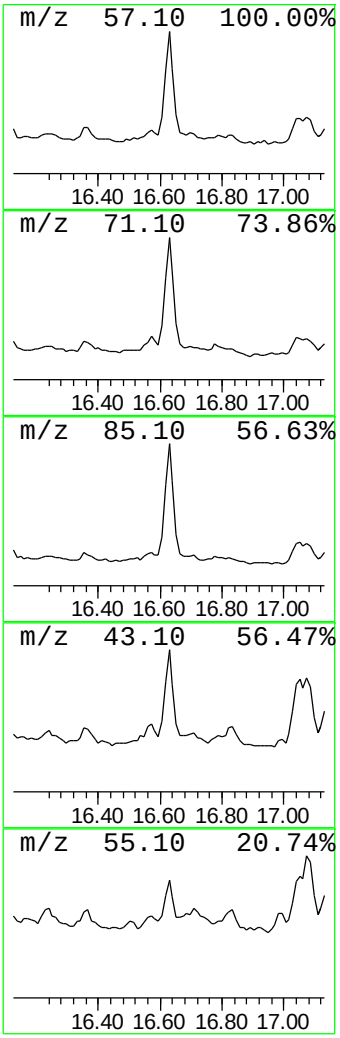
Peak Number 13 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	12.85 ng	223502	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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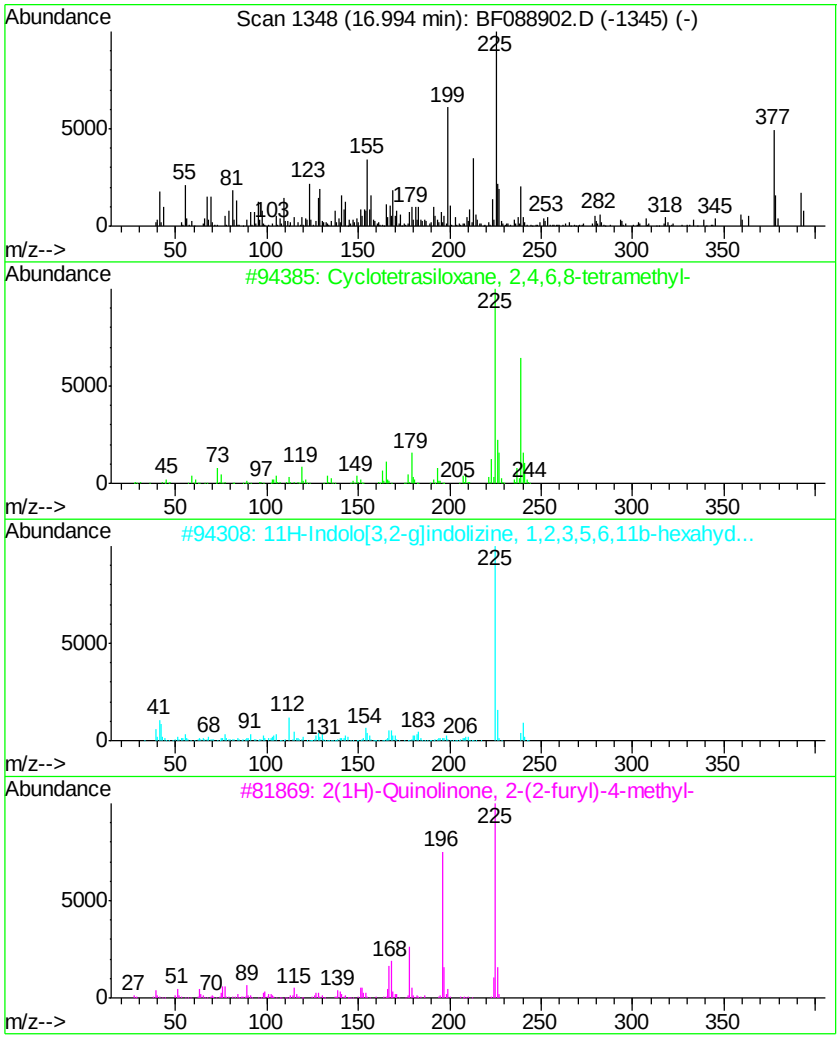
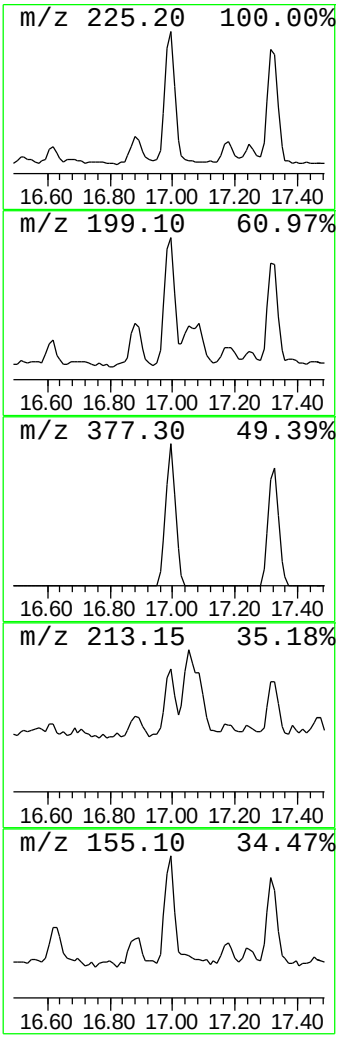
Peak Number 14 unknown16.99 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	15.13 ng	263039	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, 2,4,6,8-tetr...	240	C4H16O4Si4	002370-88-9	43
2	11H-Indolo[3,2-g]indolizine, 1,2...	240	C16H20N2	1000264-72-5	38
3	2(1H)-Quinolinone, 2-(2-furyl)-4...	225	C14H11NO2	1000164-22-1	27
4	2-Methyl-4-tributylsilyloxyoct-5...	338	C21H42OSi	1000299-54-4	25
5	Benzene, 1-nitro-4-(2-phenylethe...	225	C14H11NO2	004003-94-5	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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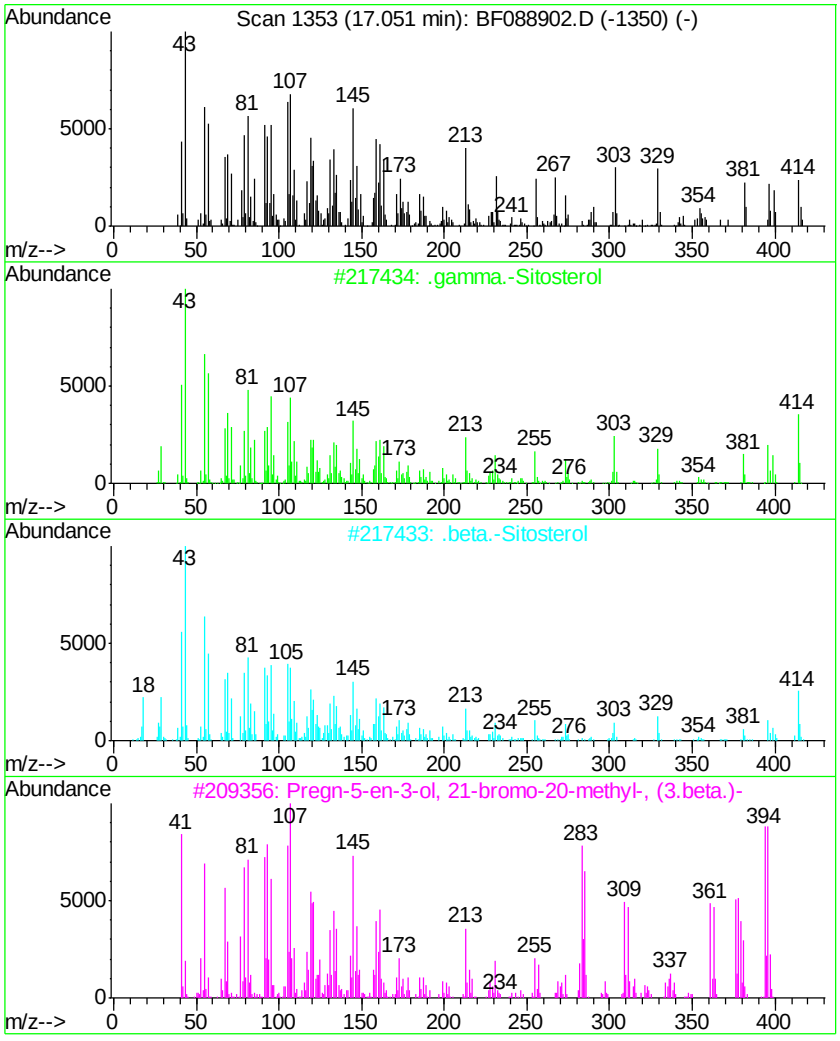
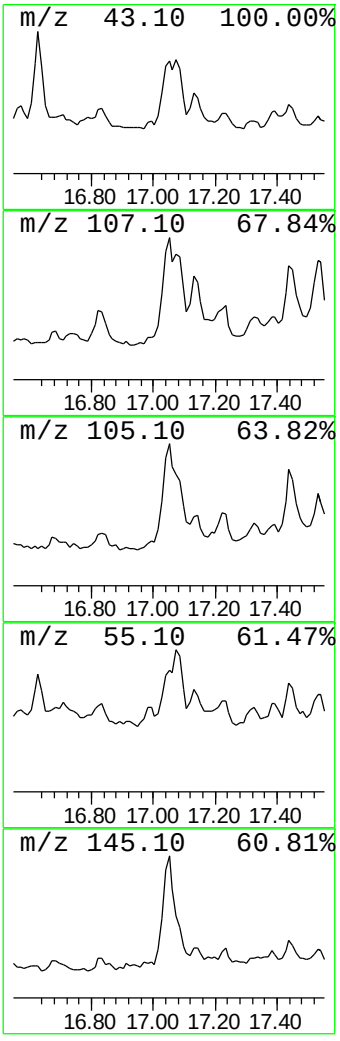
Peak Number 15 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	28.23 ng	490928	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	95
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	22
5	Cholest-5-ene, 3-methoxy-, (3.be...	400	C28H48O	001174-92-1	16





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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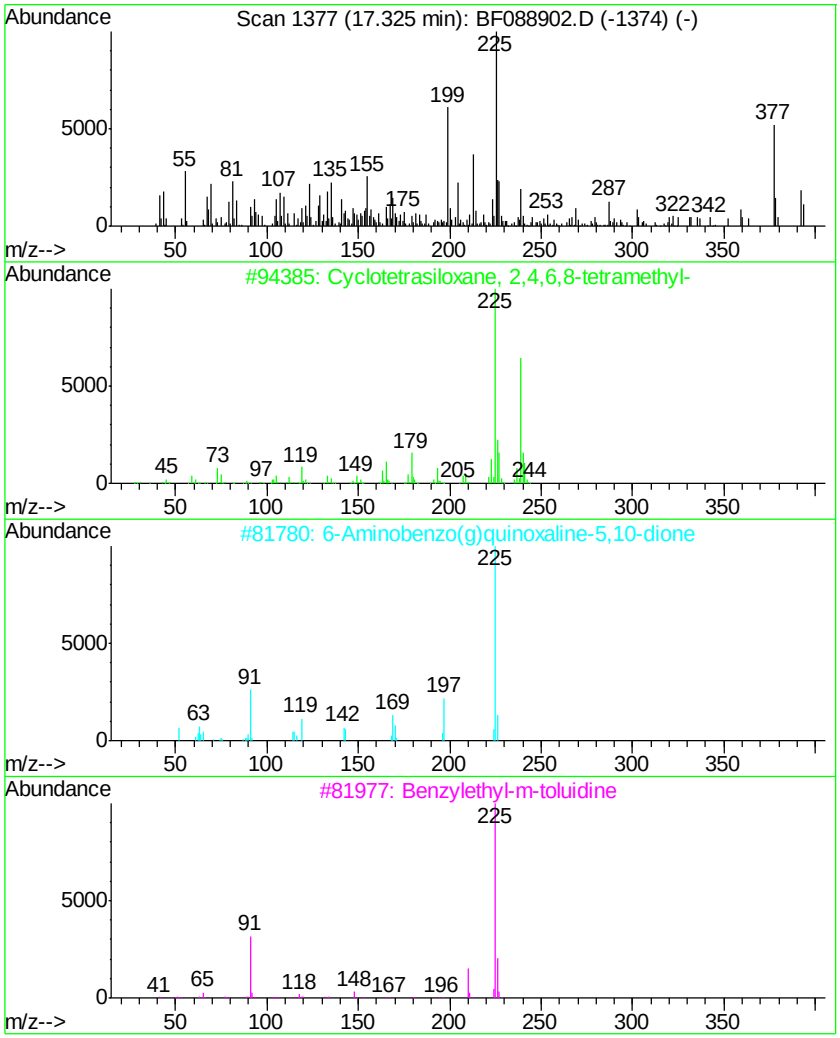
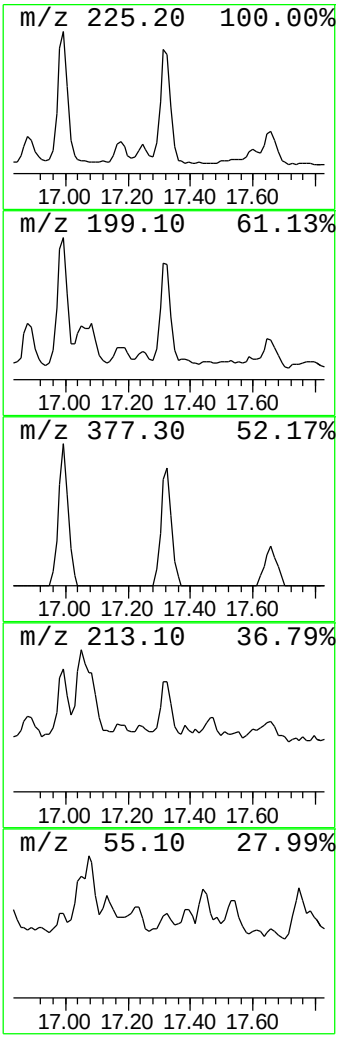
Peak Number 16 unknown17.33 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	13.06 ng	227156	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, 2,4,6,8-tetr...	240	C4H16O4Si4	002370-88-9	41
2	6-Aminobenzo(g)quinoxaline-5,10-...	225	C12H7N3O2	072225-24-2	30
3	Benzylethyl-m-toluidine	225	C16H19N	069295-70-1	27
4	Naphthalene, 2,7-bis(1,1-dimethy...	240	C18H24	010275-58-8	27
5	4-Spiro-(N-methylpiperidyl-4)-2,...	283	C18H25N3	050527-41-8	27





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Instrument : BNA_F
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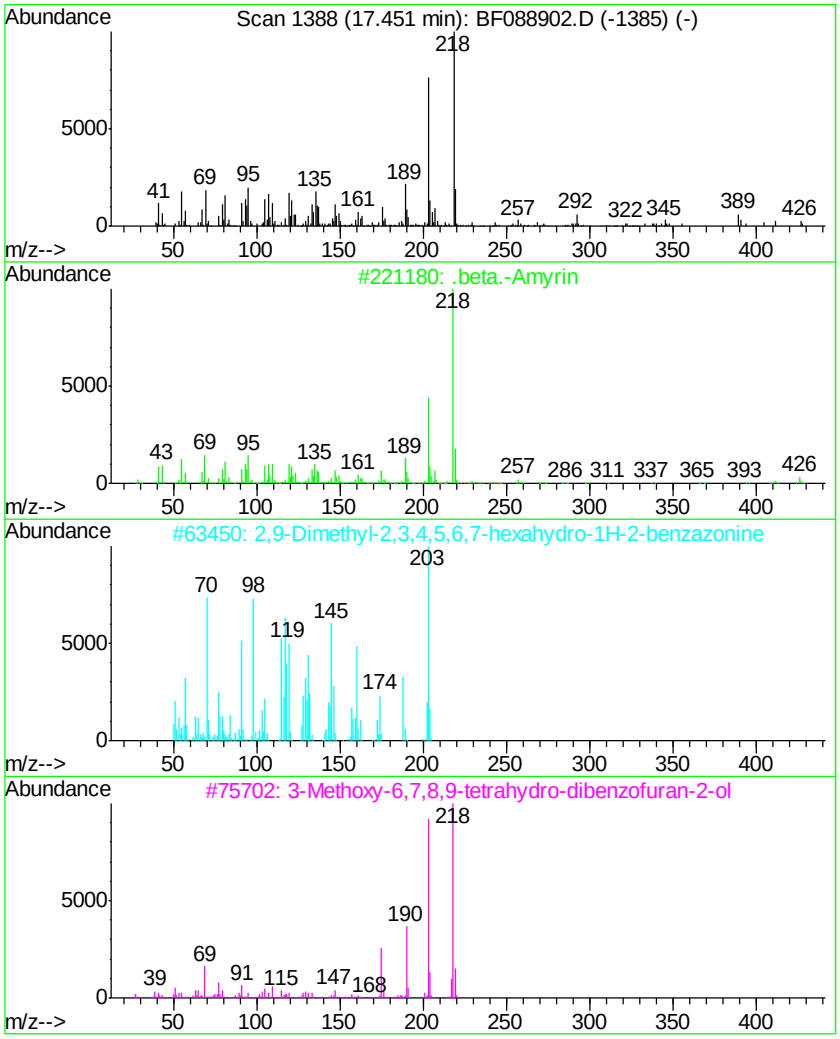
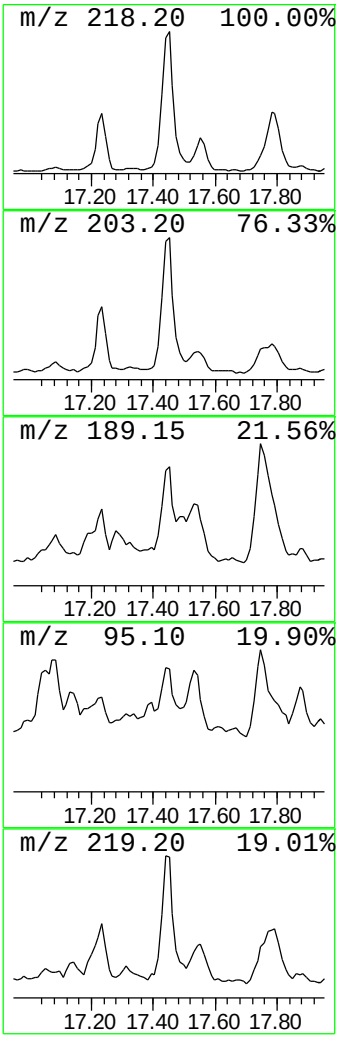
Peak Number 17 .beta.-Amyrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	37.89 ng	658967	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	97
2	2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	70
3	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	70
4	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58
5	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	53





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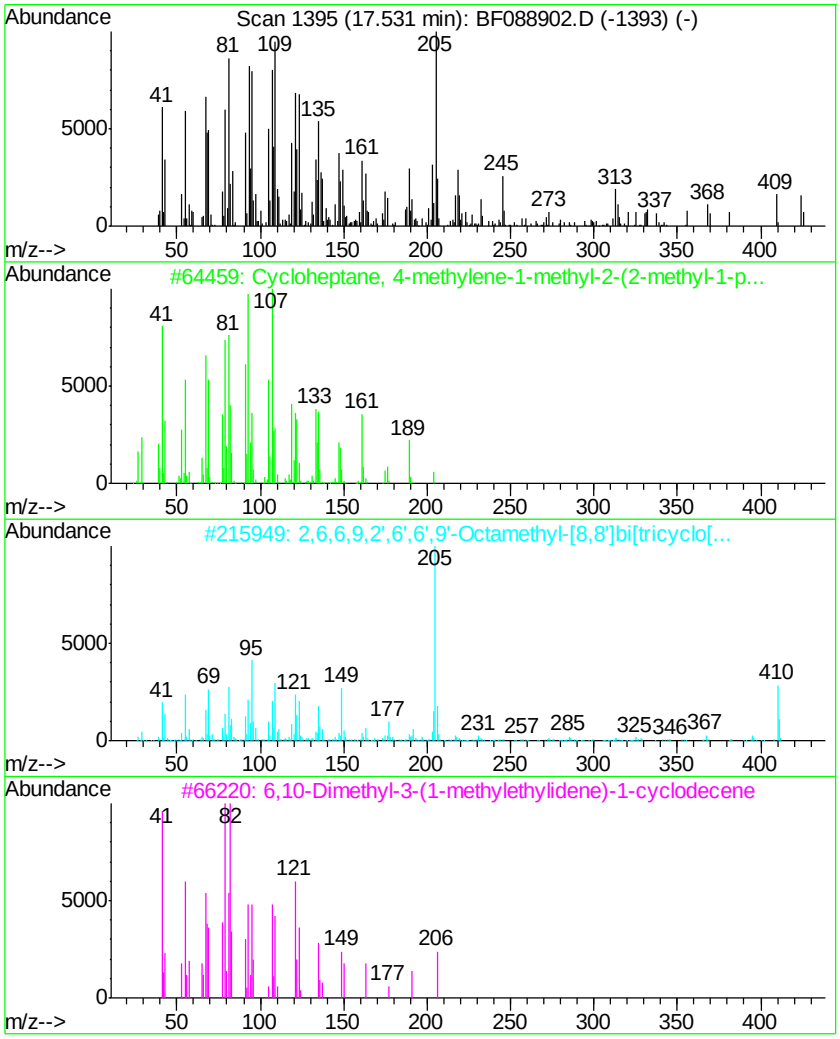
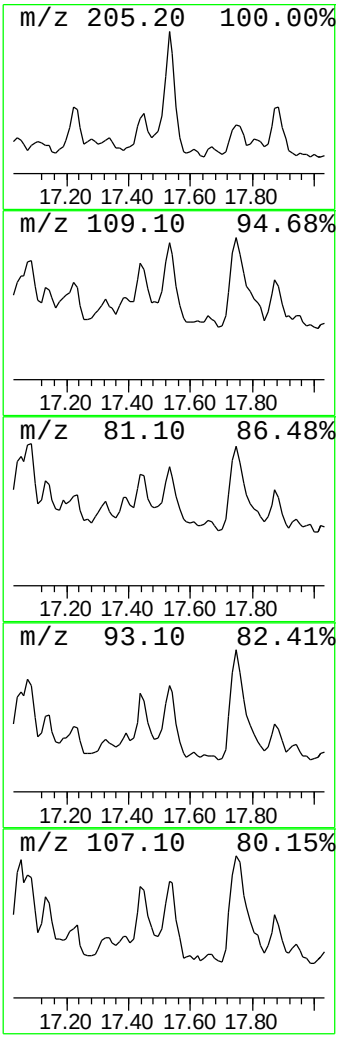
Peak Number 18 Cycloheptane, 4-methylene-1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	24.91 ng	433197	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	68
2	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	64
3	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	62
4	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	60
5	Isosteviol methyl ester	332	C21H32O3	1000256-08-8	58





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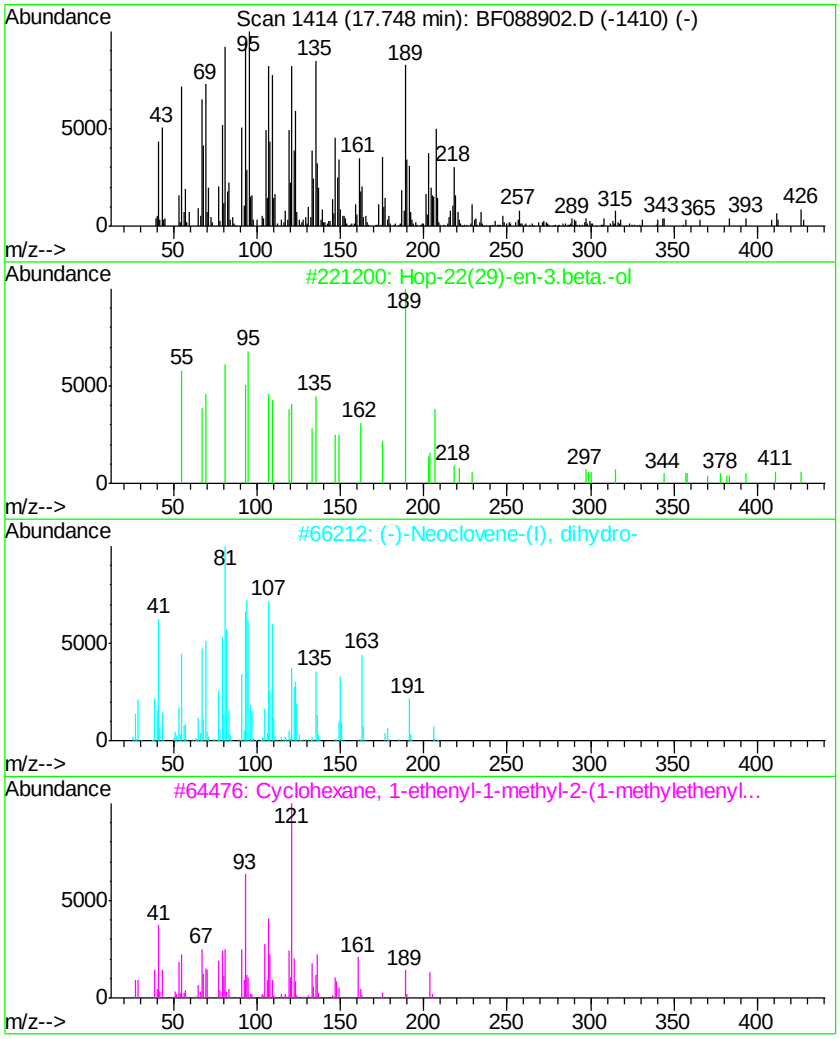
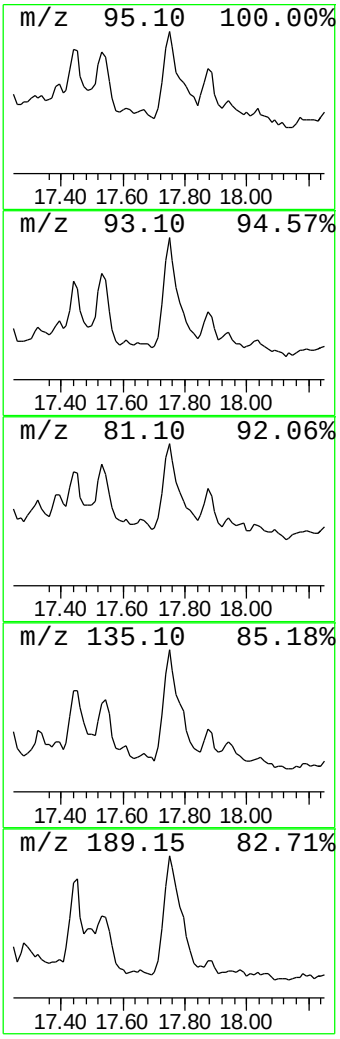
Peak Number 19 Hop-22(29)-en-3.beta.-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	64.10 ng	1114750	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	83
2	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	53
3	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	53
4	1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	44
5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	43





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ClientSampleId : NC-04

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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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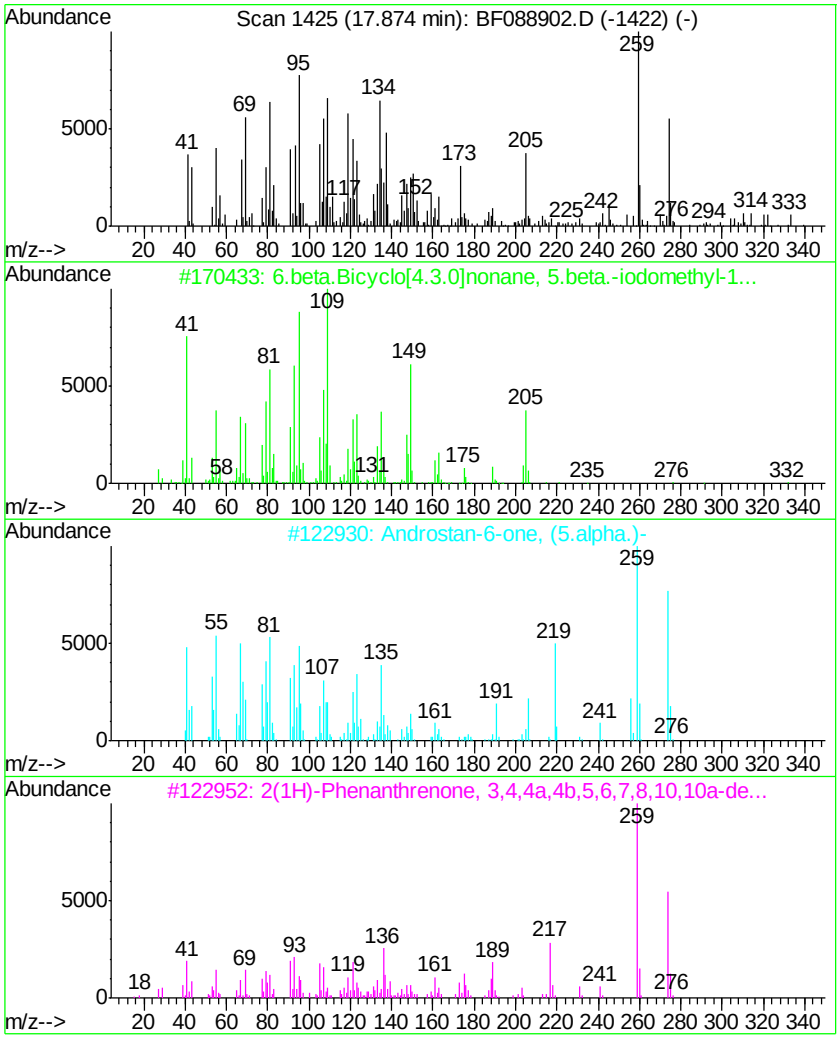
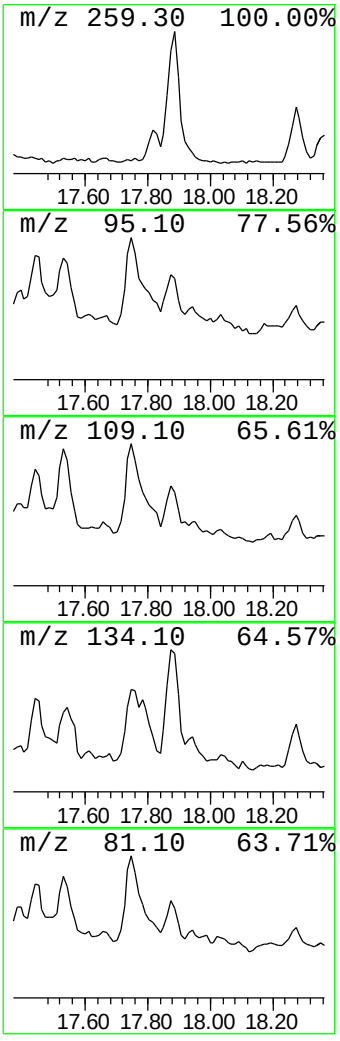
Peak Number 20 6.beta.Bicyclo[4.3.0]nonane... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	12.67 ng	220315	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	51
2	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	46
3	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	30
4	1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	30
5	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088902.D
Acq On : 11 Jul 2016 16:32
Operator : UM/SJ
Sample : H3948-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
unknown6.48	6.48	97.6	ng	1973110	1	6.71	404294	20.0
Naphtho[2,1-b]thi...	11.12	12.7	ng	342566	4	11.22	541608	20.0
Phenanthrene, 2-m...	11.75	13.3	ng	361093	4	11.22	541608	20.0
4H-Cyclopenta[def...	11.83	28.1	ng	761734	4	11.22	541608	20.0
Naphthalene, 2-ph...	12.01	14.5	ng	393068	4	11.22	541608	20.0
Heneicosane	14.94	78.3	ng	1362430	6	15.22	347805	20.0
Benzo[e]pyrene	15.12	30.3	ng	526208	6	15.22	347805	20.0
Heptadecane, 9-oc...	15.67	88.3	ng	1535110	6	15.22	347805	20.0
unknown16.23	16.23	17.5	ng	304399	6	15.22	347805	20.0
Eicosane	16.63	12.9	ng	223502	6	15.22	347805	20.0
unknown16.99	16.99	15.1	ng	263039	6	15.22	347805	20.0
.gamma.-Sitosterol	17.05	28.2	ng	490928	6	15.22	347805	20.0
unknown17.33	17.33	13.1	ng	227156	6	15.22	347805	20.0
.beta.-Amyrin	17.45	37.9	ng	658967	6	15.22	347805	20.0
Cycloheptane, 4-m...	17.53	24.9	ng	433197	6	15.22	347805	20.0
Hop-22(29)-en-3.b...	17.75	64.1	ng	1114750	6	15.22	347805	20.0
6.beta.Bicyclo[4....	17.87	12.7	ng	220315	6	15.22	347805	20.0