LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089097.D
Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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-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	1.632	3	4	13	rVV	139441	246452	10.59%	0.819%
2	1.747	13	14	31	rVB	1087446	2327231	100.00%	7.733%
3	4.776	275	279	283	rBV	51220	78311	3.36%	0.260%
4	5.244	318	320	329	rBV	736124	1051083	45.16%	3.493%
5	5.439	335	337	342	rVB	54070	80708	3.47%	0.268%
6	6.181	398	402	405	rVB2	51634	71027	3.05%	0.236%
7	6.307	410	413	415	rBV	1022541	1163185	49.98%	3.865%
8	6.410	420	422	425	rVB	786540	1072051	46.07%	3.562%
9	6.467	425	427	430	rBV3	55381	71745	3.08%	0.238%
10	6.639	440	442	446	rBV	360451	347912	14.95%	1.156%
11	6.799	454	456	458	rBV	1085595	921983	39.62%	3.064%
12	6.902	463	465	469	rVB	50065	54682	2.35%	0.182%
13	7.050	475	478	480	rBV	78040	86196	3.70%	0.286%
14	7.210	489	492	494	rBV	739910	694466	29.84%	2.308%
15	7.702	530	535	537	rBV2	61625	127559	5.48%	0.424%
16	7.930	552	555	558	rBV	448808	540882	23.24%	1.797%
17	8.364	591	593	597	rVB	38020	46943	2.02%	0.156%
18	8.639	615	617	620	rBV2	83323	73466	3.16%	0.244%
19	8.742	624	626	627	rVB	47625	55356	2.38%	0.184%
20	9.005	647	649	651	rBV	1251165	1085602	46.65%	3.607%
21	9.096	653	657	659	rBV	35835	52384	2.25%	0.174%
22	9.165	662	663	665	rVB	38992	48780	2.10%	0.162%
23	9.336	677	678	679	rBV	51511	40969	1.76%	0.136%
24	9.405	682	684	686	rVB	478595	407912	17.53%	1.355%
25	9.450	686	688	693	rVB	24351	36573	1.57%	0.122%
26	9.530	693	695	697	rBV	108580	135413	5.82%	0.450%
27	9.587	697	700	702	rBV	76838	67952	2.92%	0.226%
28	9.679	704	708	710	rBV	374057	446149	19.17%	1.482%
29	9.885	723	726	728	rBV2	37666	77065	3.31%	0.256%
30	9.988	733	735	739	rBV4	32694	82649	3.55%	0.275%
31	10.079	739	743	746	rBV4	35709	97521	4.19%	0.324%
32	10.148	746	749	752	rVV	158969	197488	8.49%	0.656%
33	10.342	762	766	767	rBV2	35923	55790	2.40%	0.185%
34	10.376	767	769	772	rVB2	43702	55930	2.40%	0.186%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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

35	10.456	774	776	778	rVV2	452879	520762	22.38%	1.730%
36	10.513	778	781	783	rVB3	26432	63818	2.74%	0.212%
37	10.593	786	788	791	rBV	91289	161299	6.93%	0.536%
38	10.696	793	797	798	rBV2	31358	59012	2.54%	0.196%
39	10.936	811	818	819	rBV	158288	223501	9.60%	0.743%
40	11.039	825	827	831	rVB3	60447	110984	4.77%	0.369%
41	11.153	834	837	840	rVB	337246	483779	20.79%	1.607%
42	11.222	841	843	845	rVB	266104	247733	10.64%	0.823%
43	11.393	854	858	862	rBV4	155096	271597	11.67%	0.902%
44	11.462	862	864	867	rVB3	41820	75712	3.25%	0.252%
45	11.542	869	871	874	rBV3	18666	35644	1.53%	0.118%
46	11.599	874	876	877	rBV2	25356	35734	1.54%	0.119%
47	11.656	879	881	882	rBV	26844	50888	2.19%	0.169%
48	11.679	882	883	884	rBV	60002	49057	2.11%	0.163%
49	11.702	884	885	888	rVB2	227491	269088	11.56%	0.894%
50	11.759	888	890	894	rVB	94497	171717	7.38%	0.571%
51	11.873	898	900	902	rBV3	46209	56303	2.42%	0.187%
52	11.931	903	905	907	rBV2	27091	45593	1.96%	0.151%
53	11.988	907	910	912	rVB2	70066	131402	5.65%	0.437%
54	12.125	915	922	923	rBV5	40950	112727	4.84%	0.375%
55	12.216	926	930	932	rBV2	213273	408796	17.57%	1.358%
56	12.285	935	936	938	rVB2	75374	76655	3.29%	0.255%
57	12.353	940	942	944	rVB	380304	424459	18.24%	1.410%
58	12.411	944	947	949	rBV3	44672	75786	3.26%	0.252%
59	12.445	949	950	952	rBV	27498	36278	1.56%	0.121%
60	12.491	952	954	956	rBV3	81469	128946	5.54%	0.428%
61	12.582	959	962	965	rBV	565805	636591	27.35%	2.115%
62	12.708	970	973	974	rBV	90114	147244	6.33%	0.489%
63	12.742	974	976	978	rVB	640653	875453	37.62%	2.909%
64	12.811	978	982	983	rBV3	93919	173359	7.45%	0.576%
65	12.891	987	989	993	rVB2	152620	280591	12.06%	0.932%
66	12.982	993	997	998	rBV3	99595	164026	7.05%	0.545%
67	13.016	998	1000	1002	rBV	168187	157628	6.77%	0.524%
68	13.108	1006	1008	1009	rBV	164171	143919	6.18%	0.478%
69	13.142	1009	1011	1013	rVB2	58510	64115	2.75%	0.213%
70	13.222	1013	1018	1020	rVB	296067	452614	19.45%	1.504%
71	13.291	1021	1024	1026	rBV	514274	544621	23.40%	1.810%

LSC Area Percent Report

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

72	13.416	1034	1035	1039	rVB	114369	143846	6.18%	0.478%
73	13.531	1042	1045	1046	rBV2	106188	172583	7.42%	0.573%
74	13.599	1048	1051	1052	rVV2	137407	228817	9.83%	0.760%
75	13.645	1052	1055	1059	rVB3	111036	239541	10.29%	0.796%
76	13.782	1064	1067	1073	rVB2	1398233	2298445	98.76%	7.637%
77	13.919	1077	1079	1080	rVV2	164262	200916	8.63%	0.668%
78	13.954	1080	1082	1086	rVV3	283601	412231	17.71%	1.370%
79	14.011	1086	1087	1089	rVB2	117392	85820	3.69%	0.285%
80	14.125	1095	1097	1098	rBV	62222	94083	4.04%	0.313%
81	14.171	1099	1101	1102	rVV	203696	234774	10.09%	0.780%
82	14.205	1102	1104	1106	rVV2	154444	186066	8.00%	0.618%
83	14.262	1107	1109	1115	rVB4	236597	509533	21.89%	1.693%
84	14.365	1116	1118	1121	rBV3	78186	96880	4.16%	0.322%
85	14.468	1125	1127	1128	rBV	73142	89526	3.85%	0.297%
86	14.639	1139	1142	1145	rVV4	84939	167116	7.18%	0.555%
87	14.697	1145	1147	1151	rVB3	92177	141684	6.09%	0.471%
88	14.788	1151	1155	1158	rBV	659548	1345423	57.81%	4.471%
89	14.868	1160	1162	1164	rVB2	118472	143146	6.15%	0.476%
90	15.039	1174	1177	1180	rVB	428886	557273	23.95%	1.852%
91	15.097	1180	1182	1184	rBV	249027	293650	12.62%	0.976%
92	15.142	1184	1186	1188	rBV	159914	259191	11.14%	0.861%
93	15.565	1221	1223	1225	rBV	69939	109755	4.72%	0.365%
94	16.240	1280	1282	1284	rBV2	44642	85276	3.66%	0.283%
95	16.411	1294	1297	1301	rVB	199061	376828	16.19%	1.252%
96	16.537	1305	1308	1312	rVV3	251648	542231	23.30%	1.802%
97	16.605	1312	1314	1324	rVV2	72858	270055	11.60%	0.897%
98	16.788	1327	1330	1336	rVB	150068	391807	16.84%	1.302%
99	17.234	1366	1369	1378	rBV5	59398	197604	8.49%	0.657%
100	17.760	1412	1415	1427	rVB7	59405	254354	10.93%	0.845%

Sum of corrected areas: 30095300

LSC Report - Integrated Chromatogram

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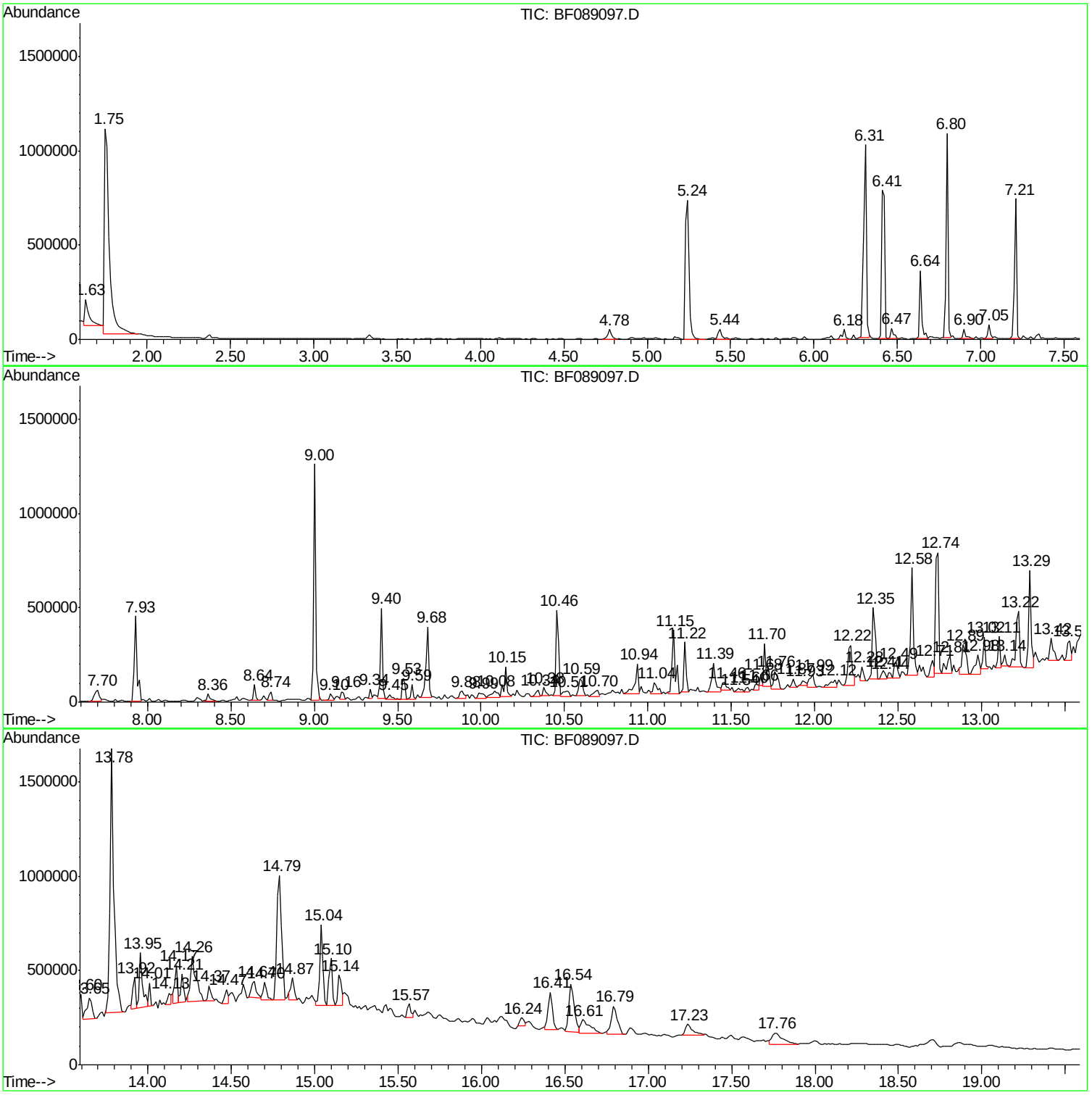
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089097.D
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Instrument : BNA_F
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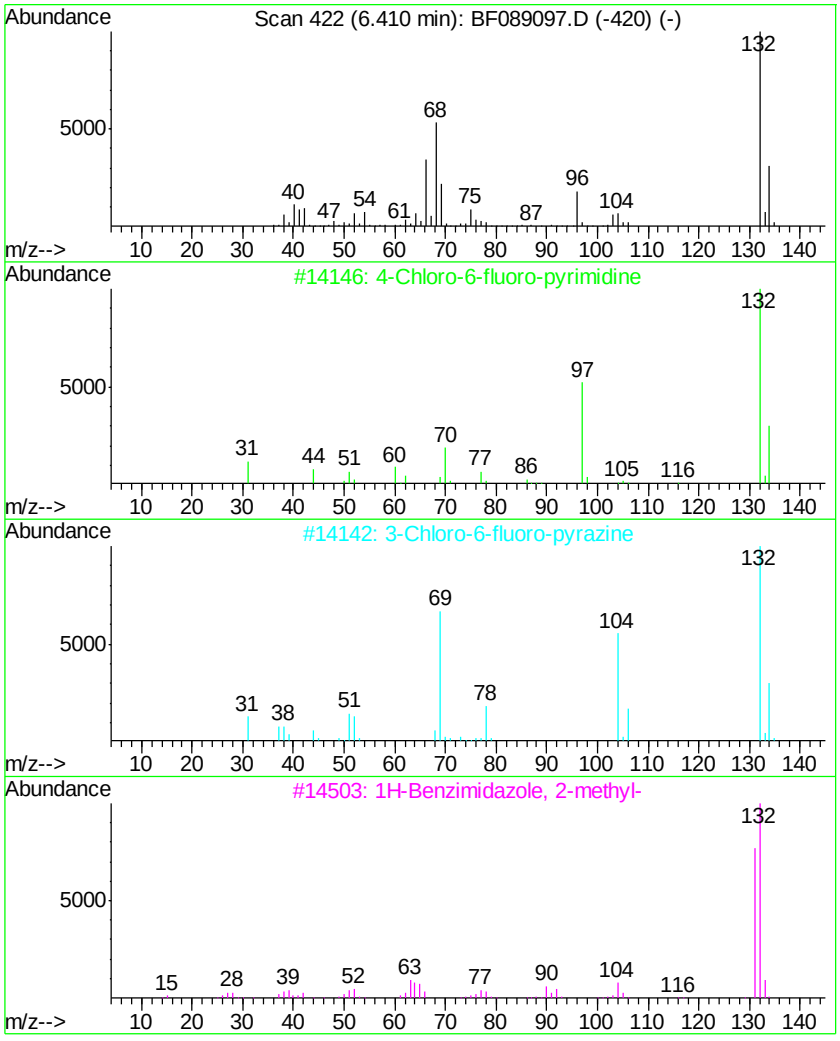
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

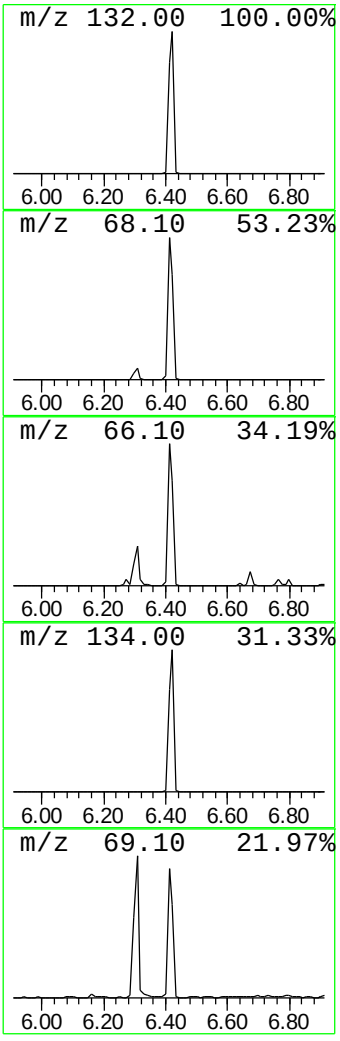
****

Peak Number 3 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	61.63 ng	1072050	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089097.D
Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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
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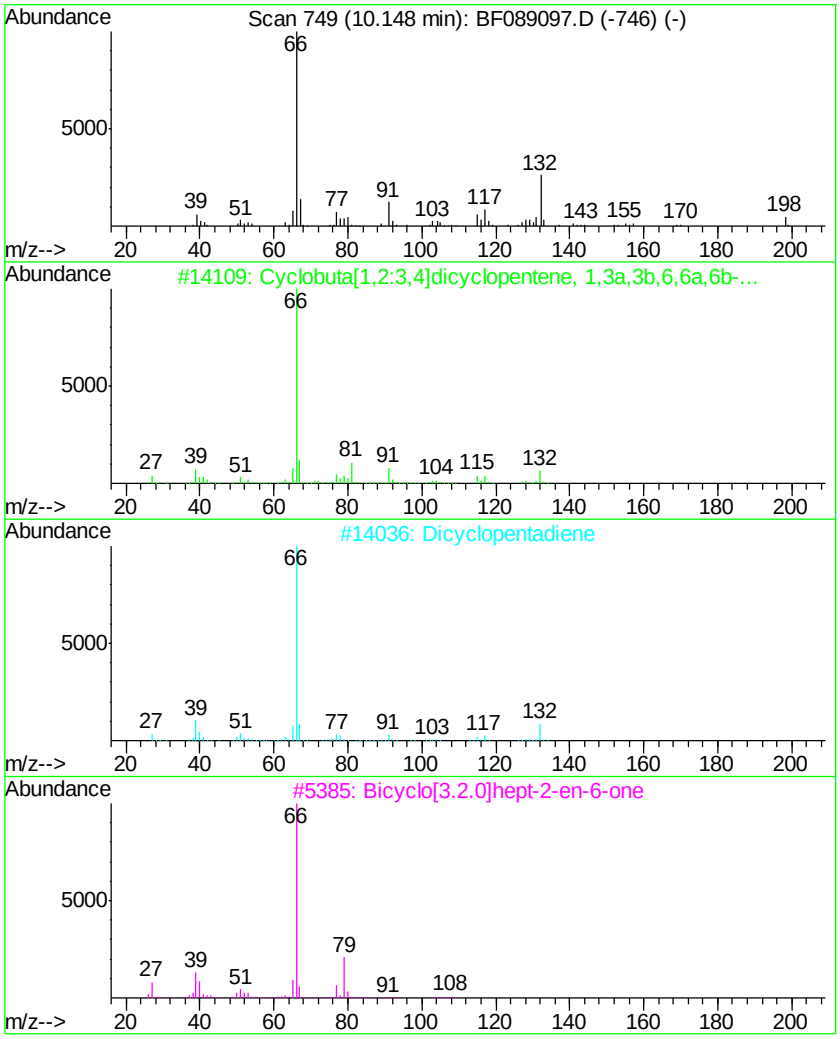
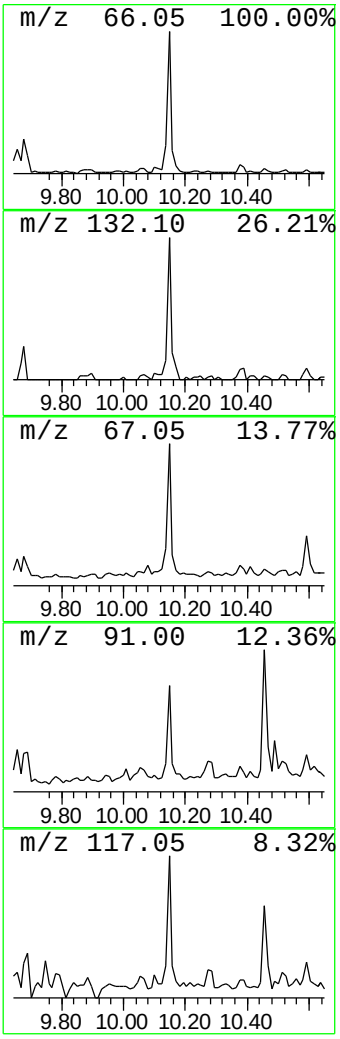
****

Peak Number 5 Cyclobuta[1,2:3,4]dicyclope... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	8.85 ng	197488	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	000612-09-9	90
2	Dicyclopentadiene	132	C10H12	000077-73-6	86
3	Bicyclo[3.2.0]hept-2-en-6-one	108	C7H8O	013173-09-6	80
4	1,2,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-86-4	78
5	1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	78





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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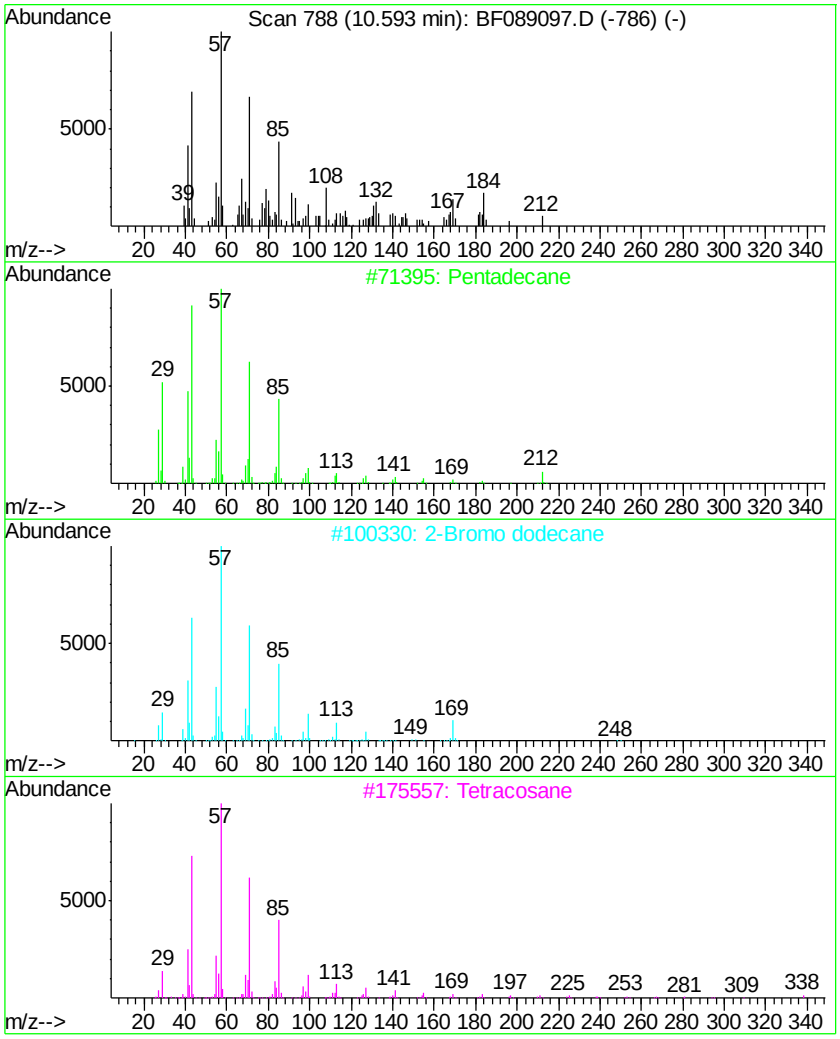
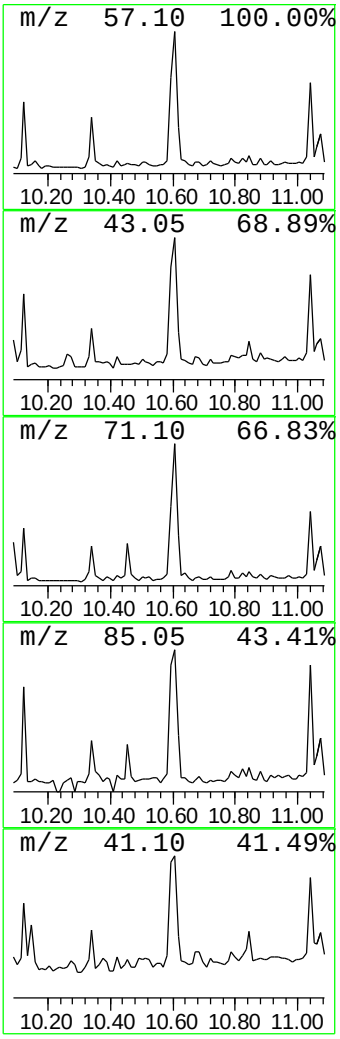
****

Peak Number 6 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	6.67 ng	161299	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	52
3	Tetracosane	338	C24H50	000646-31-1	49
4	Octacosane	394	C28H58	000630-02-4	49
5	Heptadecane	240	C17H36	000629-78-7	49





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Instrument : BNA_F
ClientSampleId : C5-4

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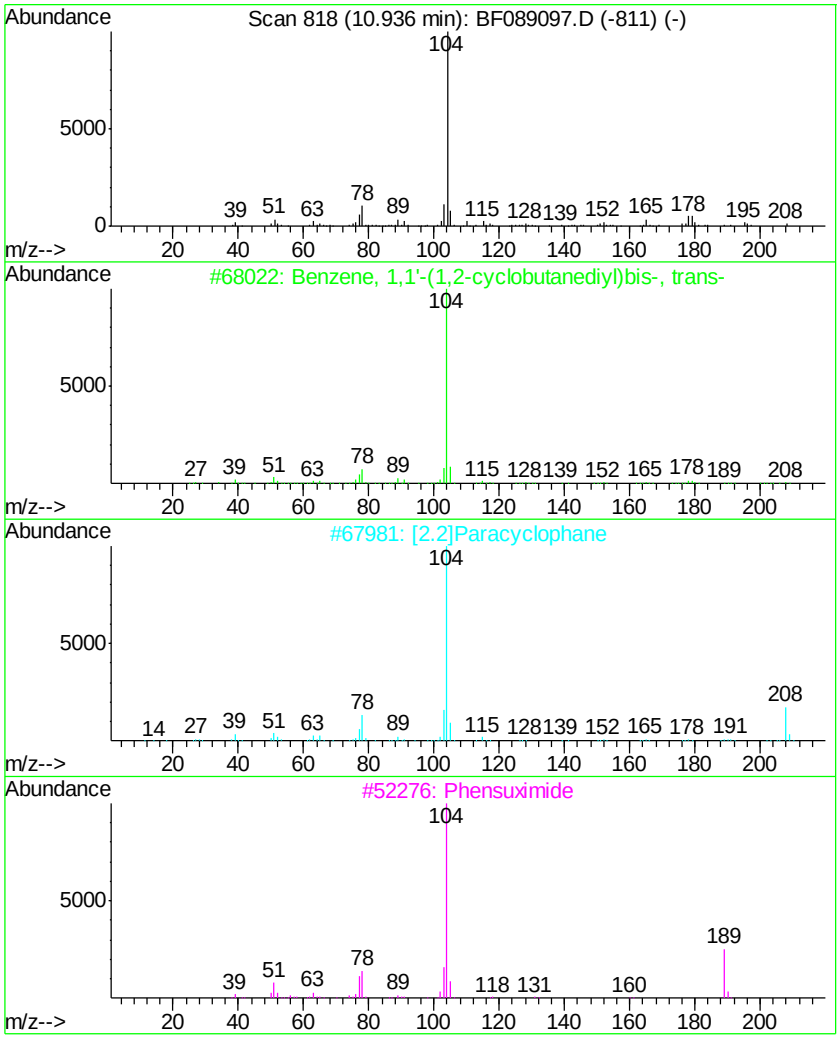
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

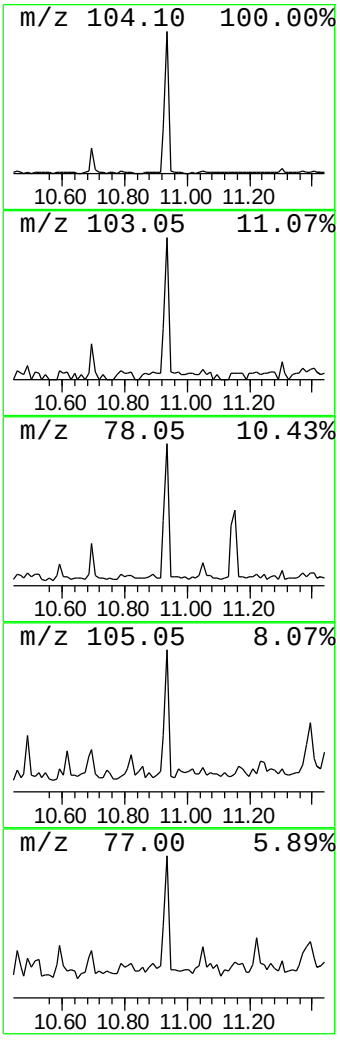
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	9.24 ng	223501	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	90
2	[2.2]Paracyclophane	208	C16H16	001633-22-3	74
3	Phensuximide	189	C11H11NO2	000086-34-0	64
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	64
5	2,6-Pyridinedicarboxylic acid, i...	327	C19H21NO4	1000369-22-3	56





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Data File : BF089097.D
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Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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

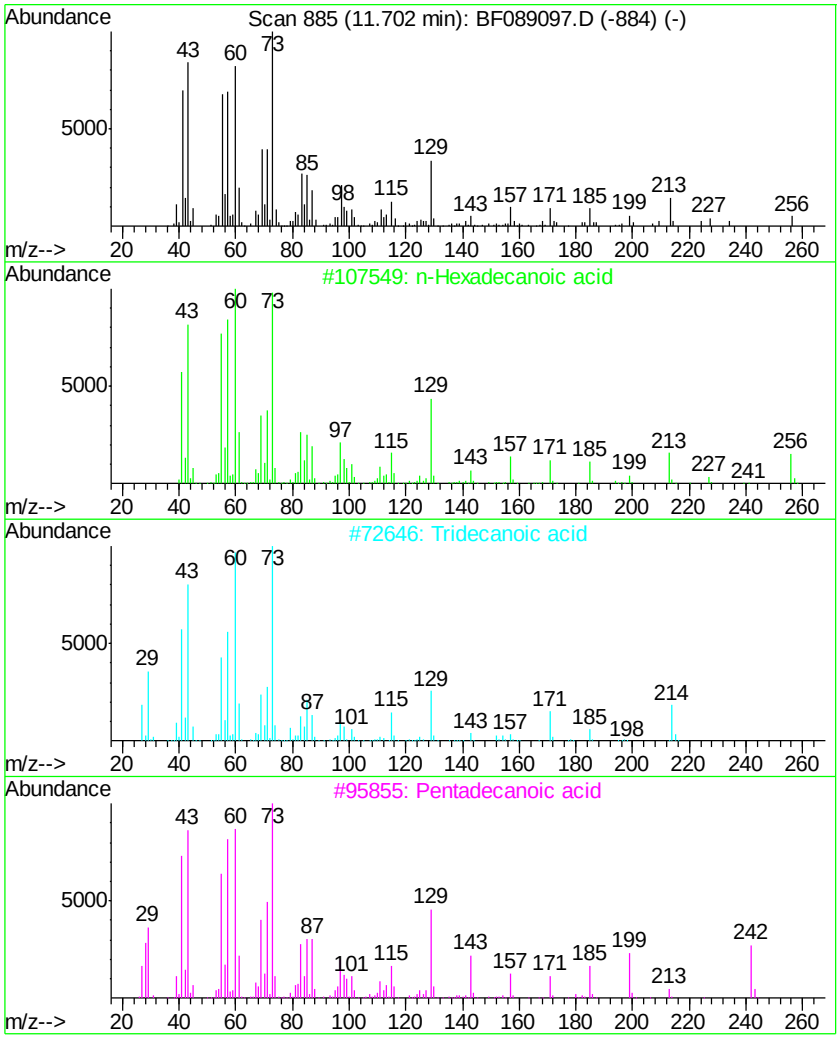
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

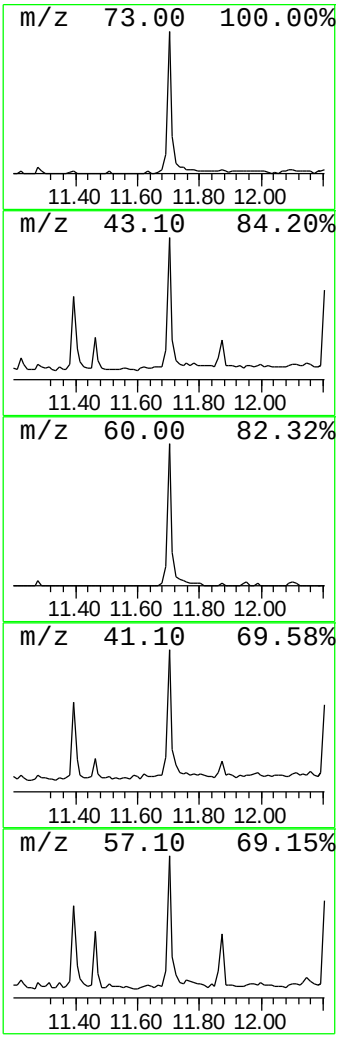
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	11.12 ng	269088	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	20





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Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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

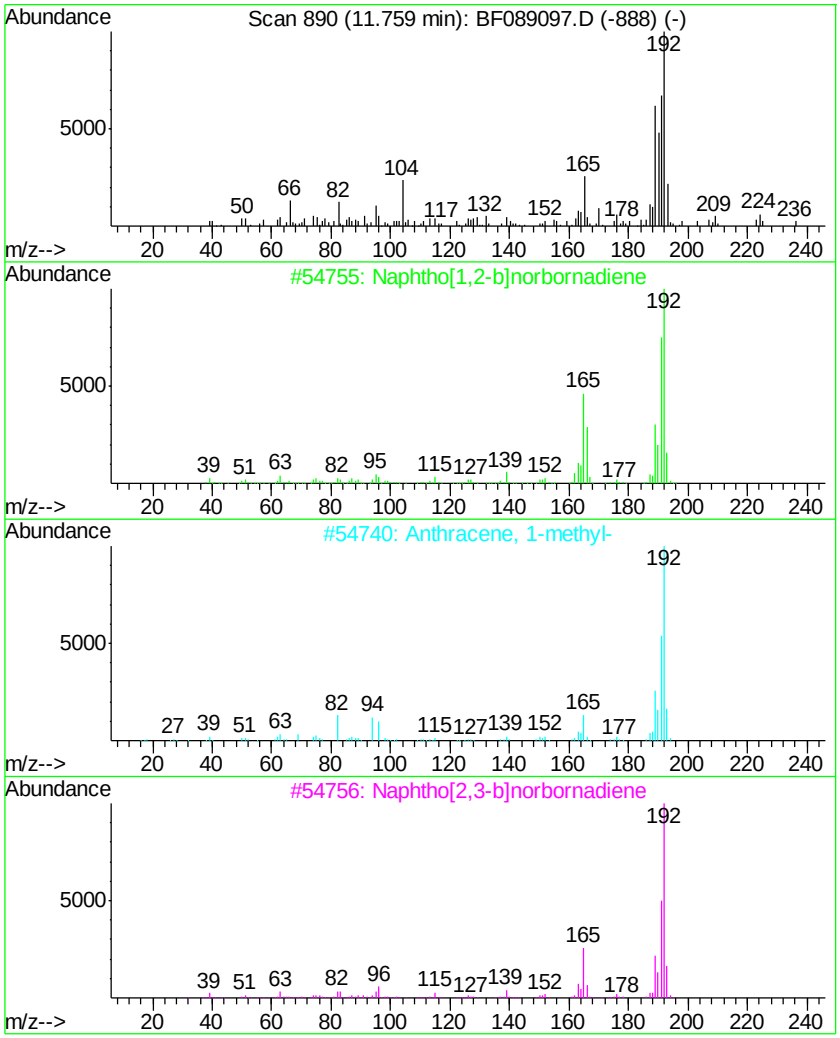
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

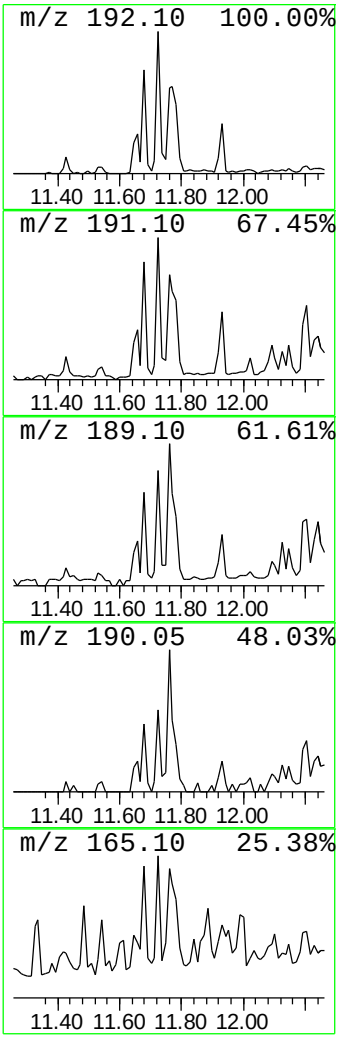
****

Peak Number 9 Naphtho[1,2-b]norbornadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	7.10 ng	171717	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	70
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55





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Data File : BF089097.D
Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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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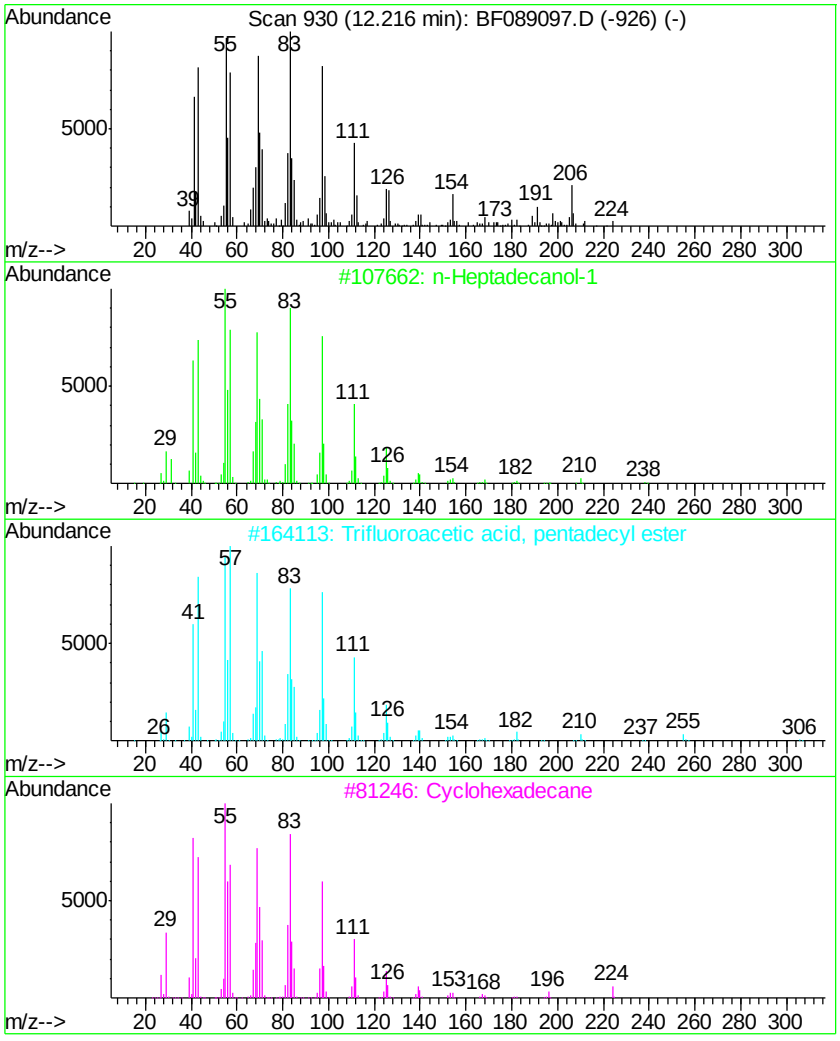
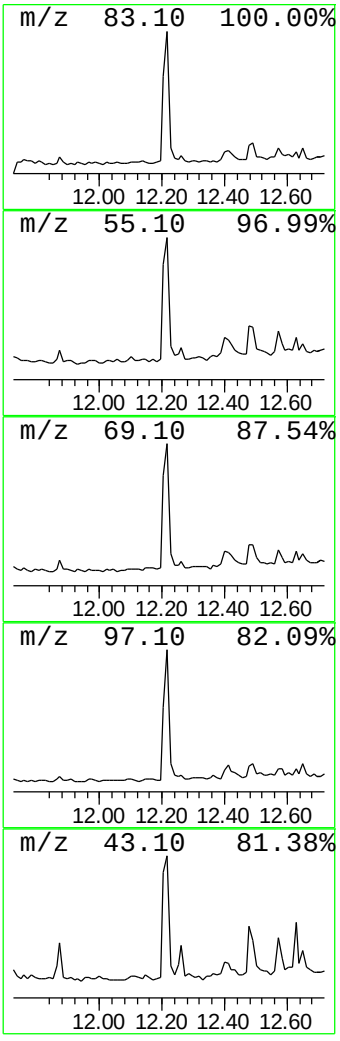
Peak Number 10 n-Heptadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	16.90 ng	408796	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	1-Octadecanol	270	C18H38O	000112-92-5	92





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Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
Sample : H4046-24
Misc :
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Instrument : BNA_F
ClientSampleId : C5-4

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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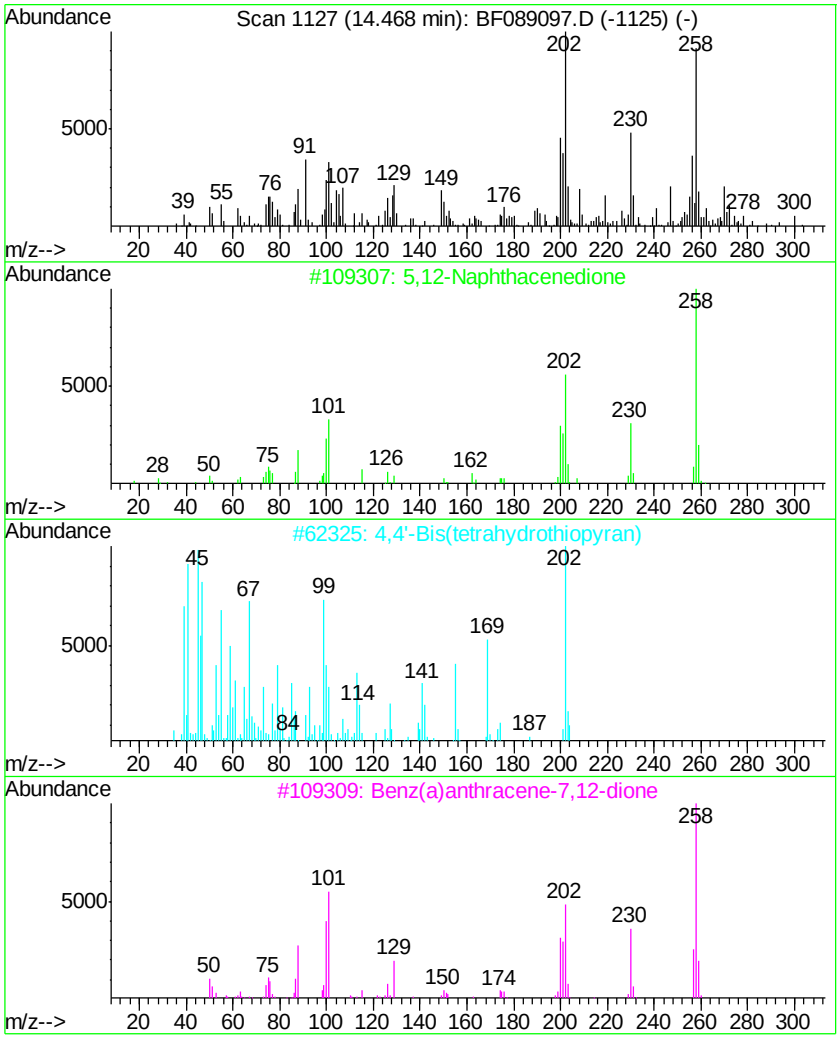
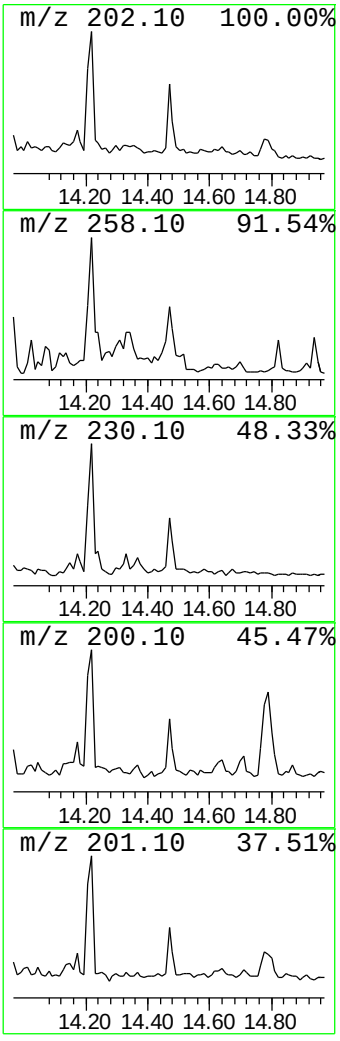
Peak Number 11 5,12-Naphthacenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	6.91 ng	89526	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	91
2	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	55
4	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	53
5	Fluoranthene	202	C16H10	000206-44-0	45





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Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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
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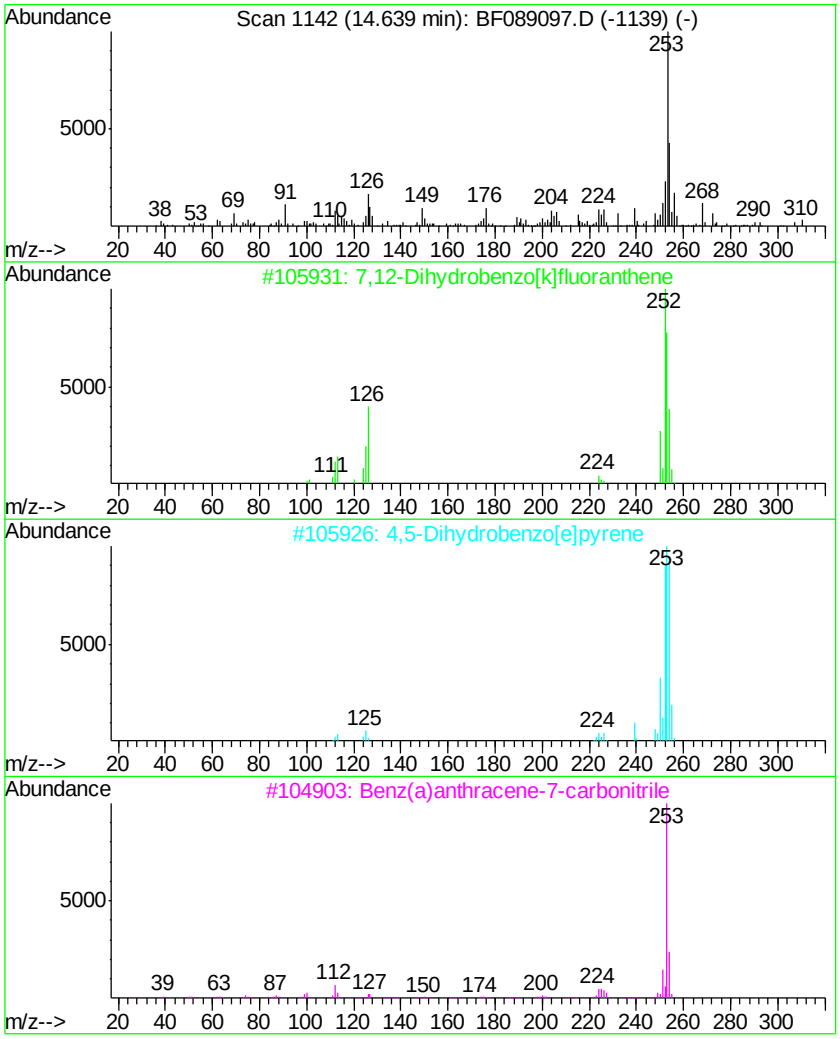
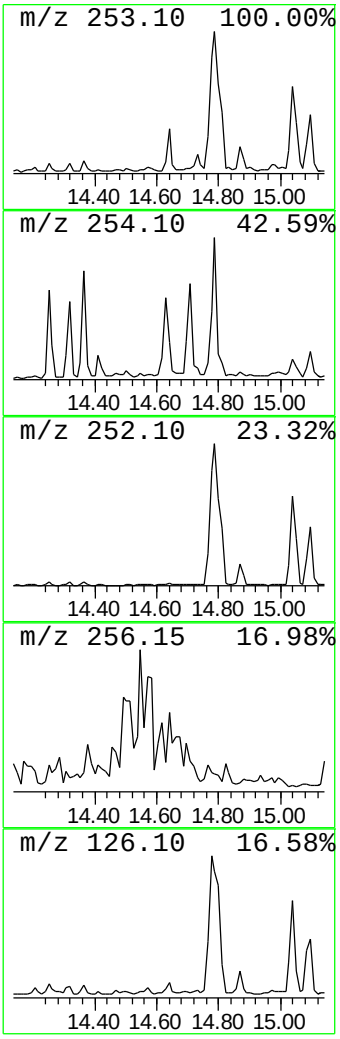
Peak Number 12 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	12.90 ng	167116	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	50
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	50
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49
4	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	47
5	3-Chloro-11H-pyrido[3',2'-4,5]py...	253	C14H8ClN3	1000212-59-4	43





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Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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
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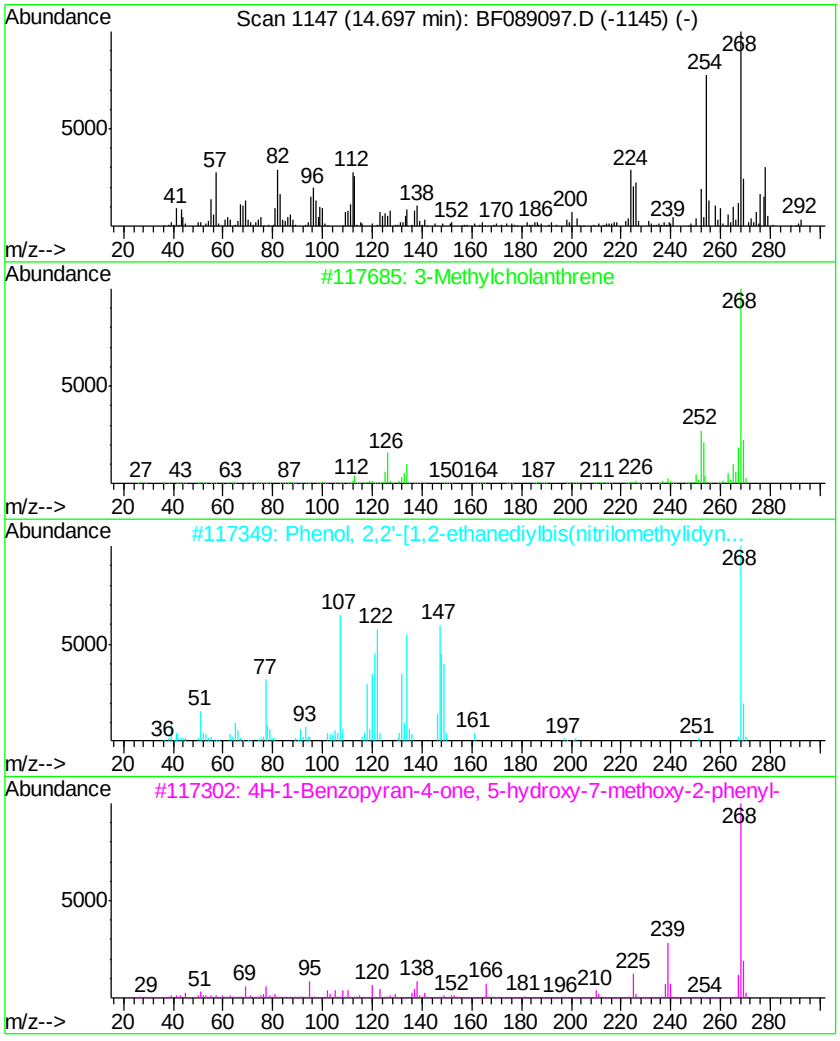
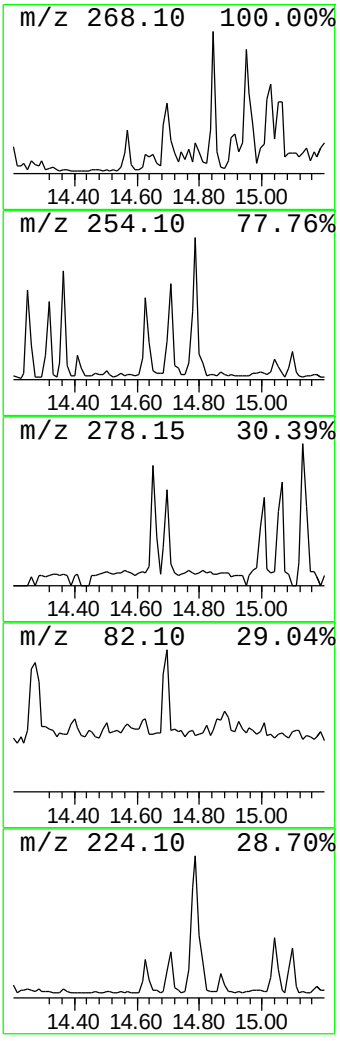
Peak Number 13 unknown14.70 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	10.93 ng	141684	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	38
2	Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	30
3	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	25
4	Triphenylcyclopropene	268	C21H16	016510-49-9	25
5	(-)-2-Methylcholanthrene	268	C21H16	1000126-56-2	22





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Data File : BF089097.D
Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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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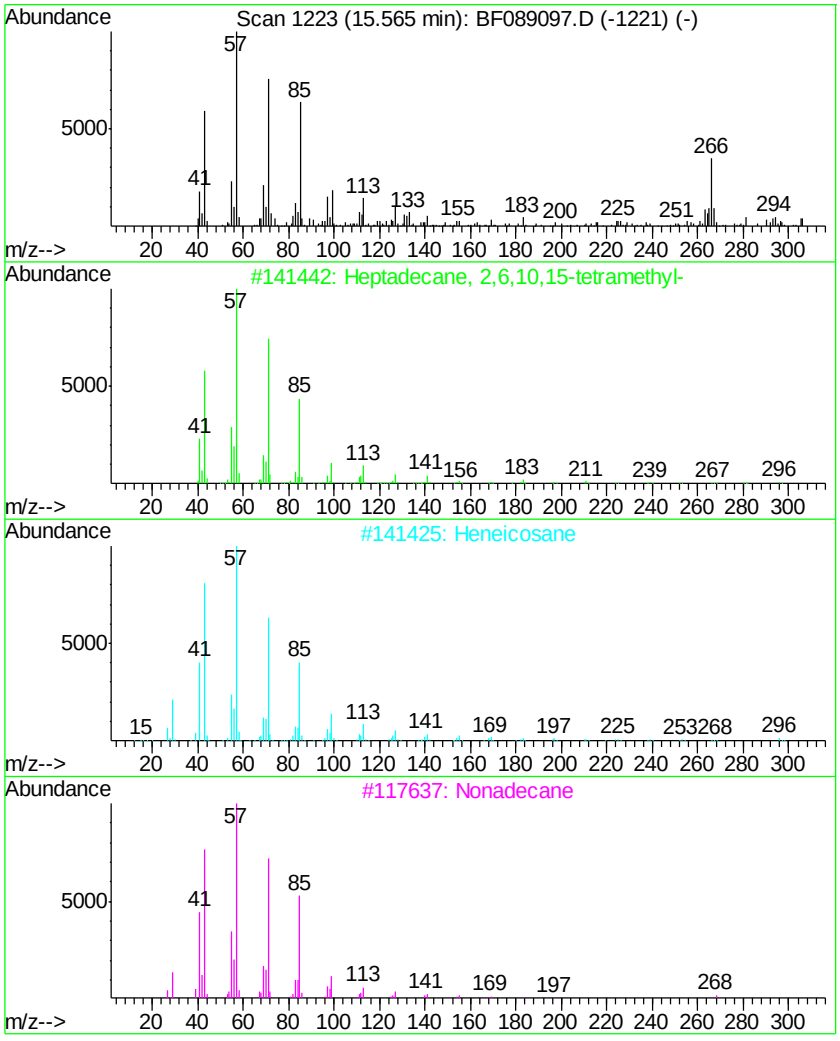
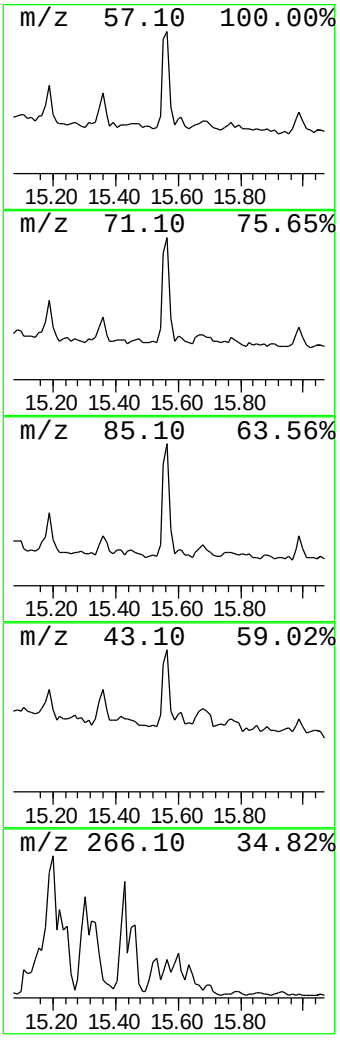
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	8.47 ng	109755	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2	Heneicosane	296	C21H44	000629-94-7	70
3	Nonadecane	268	C19H40	000629-92-5	64
4	Hexacosane	366	C26H54	000630-01-3	64
5	Octacosane	394	C28H58	000630-02-4	58





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Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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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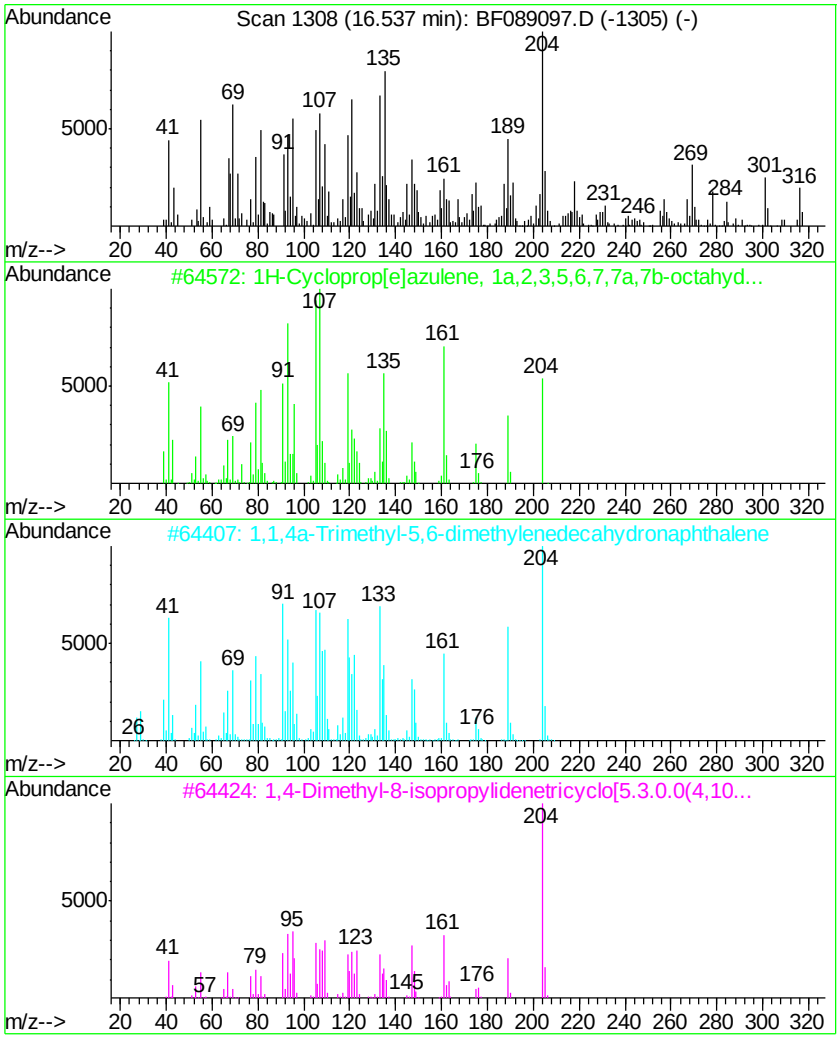
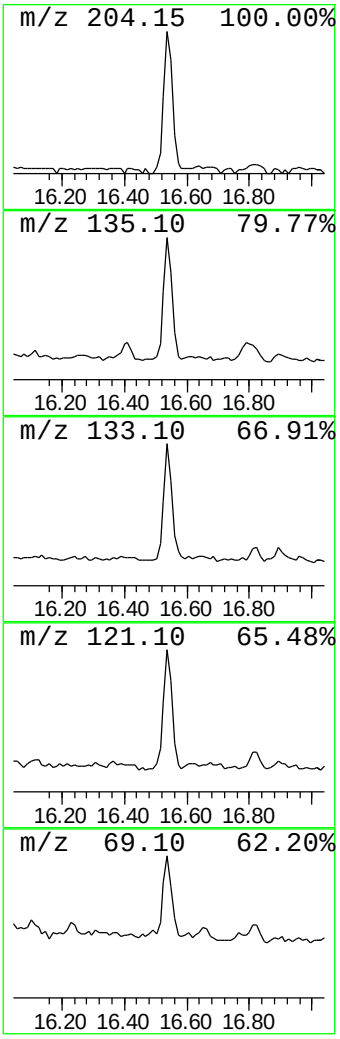
Peak Number 17 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	41.84 ng	542231	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	64
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	62
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	53
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089097.D
Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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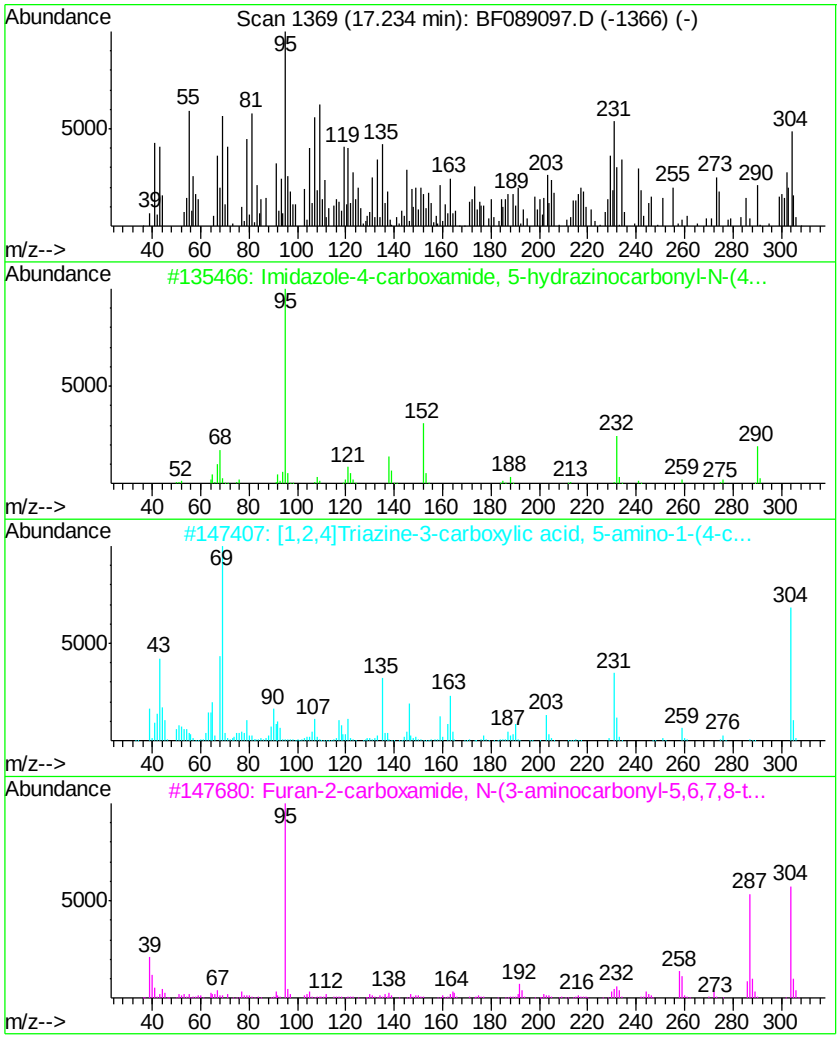
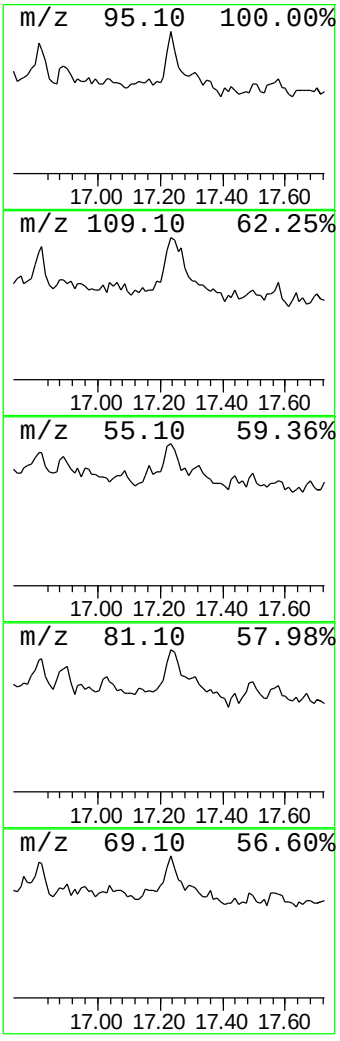
Peak Number 19 unknown17.23 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	15.25 ng	197604	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole-4-carboxamide, 5-hydra...	290	C11H10N6O4	202827-38-1	38
2	[1,2,4]Triazine-3-carboxylic aci...	304	C13H12N4O5	1000304-30-4	30
3	Furan-2-carboxamide, N-(3-aminoc...	304	C15H16N2O3S	1000267-25-3	27
4	Thiourea, N-(2-furoyl)-N-(2-meth...	304	C15H16N2O3S	1000276-32-4	22
5	Benzoic acid, 2-(5-pyrazolylcarb...	231	C11H9N3O3	1000277-53-0	16





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Sample : H4046-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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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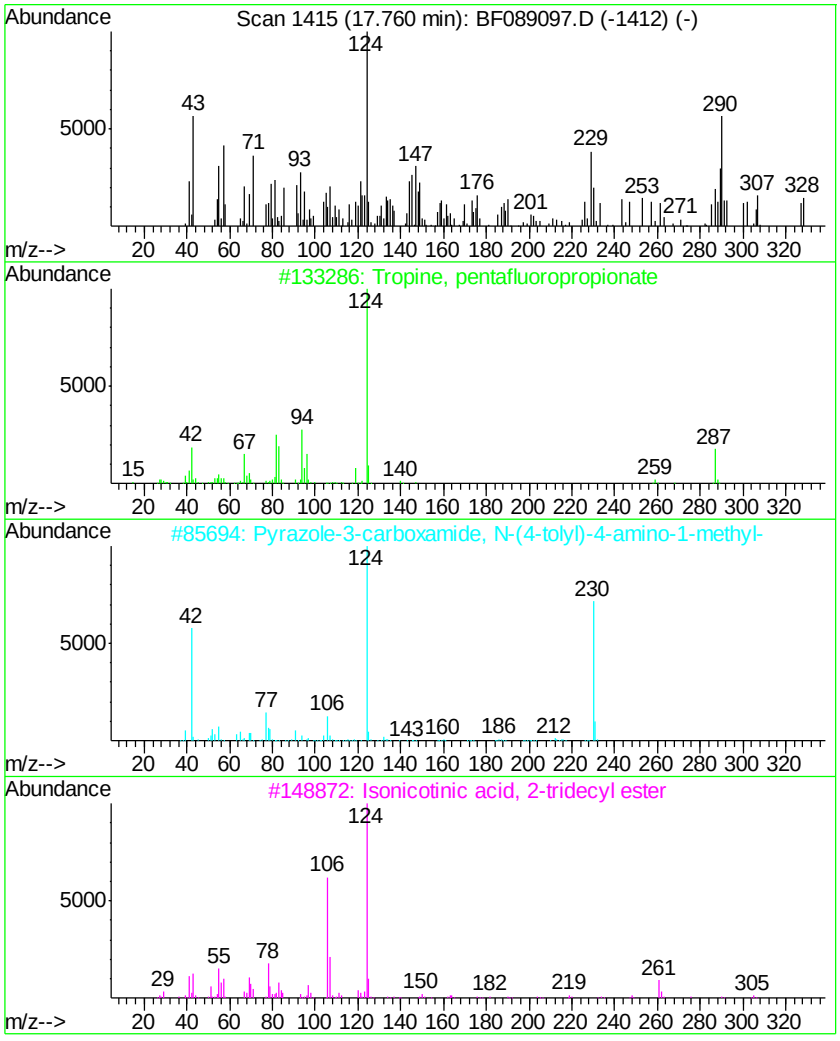
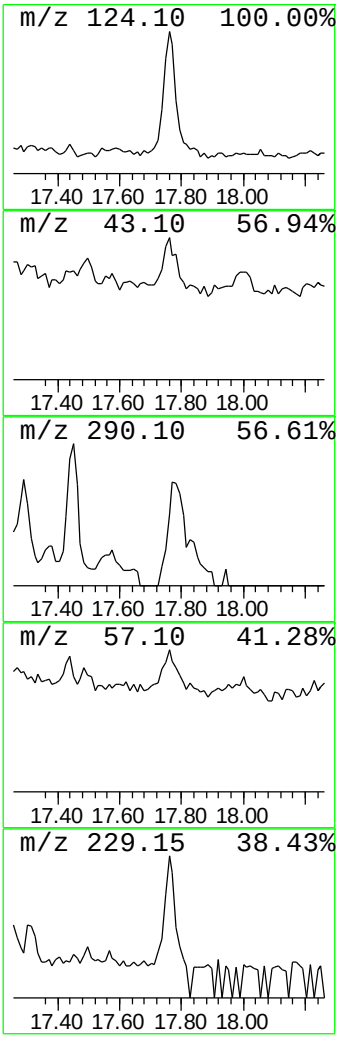
Peak Number 20 unknown17.76 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	19.63 ng	254354	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tropine, pentafluoropropionate	287	C11H14F5NO2	1000375-73-7	22
2	Pyrazole-3-carboxamide, N-(4-tol...	230	C12H14N4O	1000260-81-9	22
3	Isonicotinic acid, 2-tridecyl ester	305	C19H31NO2	1000299-89-3	20
4	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	20
5	Fumaric acid, 4-methoxyphenyl pe...	292	C16H20O5	1000344-74-2	18





Tentatively Identified Compound (LSC) summary

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Data File : BF089097.D
Acq On : 18 Jul 2016 22:41
Operator : UM/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.41	6.41	61.6	ng	1072050	1	6.64	347912	20.0
Cyclobuta[1,2:3,4...	10.15	8.8	ng	197488	3	9.68	446149	20.0
Pentadecane	10.59	6.7	ng	161299	4	11.15	483779	20.0
Benzene, 1,1'-(1,...	10.94	9.2	ng	223501	4	11.15	483779	20.0
n-Hexadecanoic acid	11.70	11.1	ng	269088	4	11.15	483779	20.0
Naphtho[1,2-b]nor...	11.76	7.1	ng	171717	4	11.15	483779	20.0
n-Heptadecanol-1	12.22	16.9	ng	408796	4	11.15	483779	20.0
5,12-Naphthacened...	14.47	6.9	ng	89526	6	15.14	259191	20.0
7,12-Dihydrobenzo...	14.64	12.9	ng	167116	6	15.14	259191	20.0
unknown14.70	14.70	10.9	ng	141684	6	15.14	259191	20.0
Heptadecane, 2,6,...	15.57	8.5	ng	109755	6	15.14	259191	20.0
1H-Cycloprop[e]az...	16.54	41.8	ng	542231	6	15.14	259191	20.0
unknown17.23	17.23	15.3	ng	197604	6	15.14	259191	20.0
unknown17.76	17.76	19.6	ng	254354	6	15.14	259191	20.0