LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091799.D
Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

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-BF121716.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	2.818	59	64	65	rVV	190162	516513	6.27%	0.304%
2	2.853	65	67	70	rVV	243229	454145	5.51%	0.267%
3	3.264	90	103	107	rVV	719267	2275440	27.61%	1.338%
4	3.424	112	117	121	rVV	482688	1199961	14.56%	0.706%
5	3.984	159	166	169	rBV	566255	1045333	12.68%	0.615%
6	4.338	194	197	200	rVB2	269268	492235	5.97%	0.289%
7	4.453	203	207	209	rVB2	241190	447038	5.42%	0.263%
8	4.544	214	215	218	rVB	305421	420941	5.11%	0.248%
9	4.864	240	243	247	rVB	650647	969677	11.76%	0.570%
10	4.933	247	249	252	rBV	1469218	2142212	25.99%	1.260%
11	5.139	265	267	269	rBV	536325	718863	8.72%	0.423%
12	5.333	281	284	285	rBV2	353977	589164	7.15%	0.346%
13	5.367	285	287	289	rVB	3140437	2976732	36.12%	1.751%
14	5.413	289	291	295	rVB2	318446	592281	7.19%	0.348%
15	5.481	295	297	298	rVB	353368	417054	5.06%	0.245%
16	5.516	298	300	302	rBV2	363281	677113	8.22%	0.398%
17	5.619	305	309	312	rBV2	577862	950592	11.53%	0.559%
18	5.756	318	321	324	rVB2	594229	958168	11.63%	0.563%
19	5.813	324	326	328	rBV2	383128	665996	8.08%	0.392%
20	5.916	332	335	337	rBV2	1002446	1452244	17.62%	0.854%
21	5.961	337	339	341	rBV2	334380	540923	6.56%	0.318%
22	6.007	341	343	346	rVB2	669445	1013187	12.29%	0.596%
23	6.213	357	361	363	rBV	2430934	3041293	36.90%	1.789%
24	6.247	363	364	366	rVB	839584	1126663	13.67%	0.663%
25	6.293	366	368	372	rVB2	533349	872389	10.58%	0.513%
26	6.350	372	373	374	rBV	553715	541375	6.57%	0.318%
27	6.396	376	377	379	rVB	1319207	1662050	20.16%	0.977%
28	6.533	384	389	391	rBV	3848499	5425220	65.82%	3.190%
29	6.716	402	405	407	rBV3	488898	1130941	13.72%	0.665%
30	6.762	407	409	413	rVB2	1422054	2649712	32.15%	1.558%
31	6.830	413	415	416	rBV	404693	583255	7.08%	0.343%
32	6.887	418	420	421	rBV	558859	760031	9.22%	0.447%
33	6.910	421	422	427	rVB2	3628929	6945678	84.27%	4.085%
34	7.013	427	431	432	rBV	1211775	1549849	18.80%	0.911%

LSC Area Percent Report

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Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

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-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.047	432	434	435	rVB	591471	790718	9.59%	0.465%
36	7.082	435	437	438	rBV2	873659	883566	10.72%	0.520%
37	7.104	438	439	441	rVB2	358721	443632	5.38%	0.261%
38	7.150	441	443	445	rBV3	520685	742361	9.01%	0.437%
39	7.333	453	459	461	rBV3	3118312	8242272	100.00%	4.847%
40	7.413	463	466	468	rBV3	791067	1287561	15.62%	0.757%
41	7.459	468	470	471	rBV2	346932	638613	7.75%	0.376%
42	7.539	474	477	478	rBV	1676672	2344062	28.44%	1.379%
43	7.562	478	479	481	rVB2	712104	968970	11.76%	0.570%
44	7.607	481	483	484	rBV	510940	511874	6.21%	0.301%
45	7.653	484	487	489	rBV3	544434	879986	10.68%	0.518%
46	7.699	489	491	492	rBV2	288678	534410	6.48%	0.314%
47	7.722	492	493	496	rVB2	1125199	1222943	14.84%	0.719%
48	7.790	496	499	501	rBV	2167860	3171424	38.48%	1.865%
49	7.870	504	506	508	rBV3	655204	752267	9.13%	0.442%
50	7.916	508	510	515	rBV3	451448	1238246	15.02%	0.728%
51	8.042	515	521	525	rBV2	2657027	6565124	79.65%	3.861%
52	8.099	525	526	527	rVV	767097	743081	9.02%	0.437%
53	8.122	527	528	529	rVB	1564842	1078928	13.09%	0.634%
54	8.213	534	536	537	rBV	756320	1159477	14.07%	0.682%
55	8.259	537	540	541	rVB3	819674	1256243	15.24%	0.739%
56	8.327	544	546	549	rVB4	1127822	1731020	21.00%	1.018%
57	8.407	551	553	554	rBV2	311685	462557	5.61%	0.272%
58	8.430	554	555	557	rVB	847807	1055781	12.81%	0.621%
59	8.499	557	561	564	rBV5	1090886	3564166	43.24%	2.096%
60	8.556	564	566	567	rBV	1254110	1434686	17.41%	0.844%
61	8.590	567	569	572	rVV4	451914	1022811	12.41%	0.601%
62	8.739	581	582	585	rVB3	892109	1104438	13.40%	0.650%
63	8.807	585	588	589	rBV2	355352	609248	7.39%	0.358%
64	8.865	589	593	598	rVV2	2746178	4588831	55.67%	2.699%
65	8.956	600	601	603	rBV2	277022	400305	4.86%	0.235%
66	9.082	609	612	613	rBV	1333238	1523459	18.48%	0.896%
67	9.127	613	616	618	rVB	5383471	5894436	71.51%	3.466%
68	9.207	620	623	626	rBV3	1424799	2638170	32.01%	1.551%
69	9.322	632	633	635	rVB2	896111	1026632	12.46%	0.604%
70	9.390	635	639	641	rBV2	1570638	3288384	39.90%	1.934%
71	9.459	641	645	647	rVV	2329743	4415728	53.57%	2.597%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H6165-07
Misc :
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Instrument : BNA_F
ClientSampleId : SBW-2

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-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.493	647	648	649	rVV	1821616	1890364	22.93%	1.112%
73	9.573	653	655	658	rVV3	1055347	2349479	28.51%	1.382%
74	9.665	661	663	666	rVV3	1133191	2196081	26.64%	1.291%
75	9.710	666	667	669	rVB	1398401	1396940	16.95%	0.822%
76	9.802	671	675	676	rVV2	2274227	3471314	42.12%	2.041%
77	9.848	676	679	683	rVV6	715758	2496783	30.29%	1.468%
78	9.916	683	685	686	rVB2	831354	1116896	13.55%	0.657%
79	10.008	691	693	694	rVV	1180046	1483552	18.00%	0.872%
80	10.042	694	696	697	rVV	720225	784440	9.52%	0.461%
81	10.122	701	703	706	rBV2	1277838	2356216	28.59%	1.386%
82	10.293	716	718	721	rVB4	506919	570661	6.92%	0.336%
83	10.339	721	722	723	rBV	922384	1048036	12.72%	0.616%
84	10.408	726	728	729	rVV2	867614	1116391	13.54%	0.657%
85	10.465	731	733	735	rVB	1586010	1750314	21.24%	1.029%
86	10.591	741	744	746	rBV3	2457328	2907972	35.28%	1.710%
87	10.625	746	747	750	rVB3	920014	1283502	15.57%	0.755%
88	10.671	750	751	754	rBV3	542644	1173566	14.24%	0.690%
89	10.728	754	756	759	rVB2	2339768	2895171	35.13%	1.703%
90	10.785	759	761	764	rBV4	638715	1483920	18.00%	0.873%
91	10.922	772	773	779	rVB6	1367602	2531990	30.72%	1.489%
92	11.196	794	797	800	rVB2	1332173	2354457	28.57%	1.385%
93	11.288	802	805	812	rVB2	1027402	2492452	30.24%	1.466%
94	11.402	813	815	816	rBV2	476028	676945	8.21%	0.398%
95	11.608	831	833	834	rBV	375353	406160	4.93%	0.239%
96	12.328	894	896	902	rVB2	807086	1993686	24.19%	1.172%
97	12.774	934	935	937	rBV	352087	386529	4.69%	0.227%
98	12.865	941	943	946	rVB	4300618	4510280	54.72%	2.652%
99	13.905	1032	1034	1040	rVB	1523722	1629547	19.77%	0.958%
100	15.311	1154	1157	1159	rBV	799637	1269664	15.40%	0.747%

Sum of corrected areas: 170043986

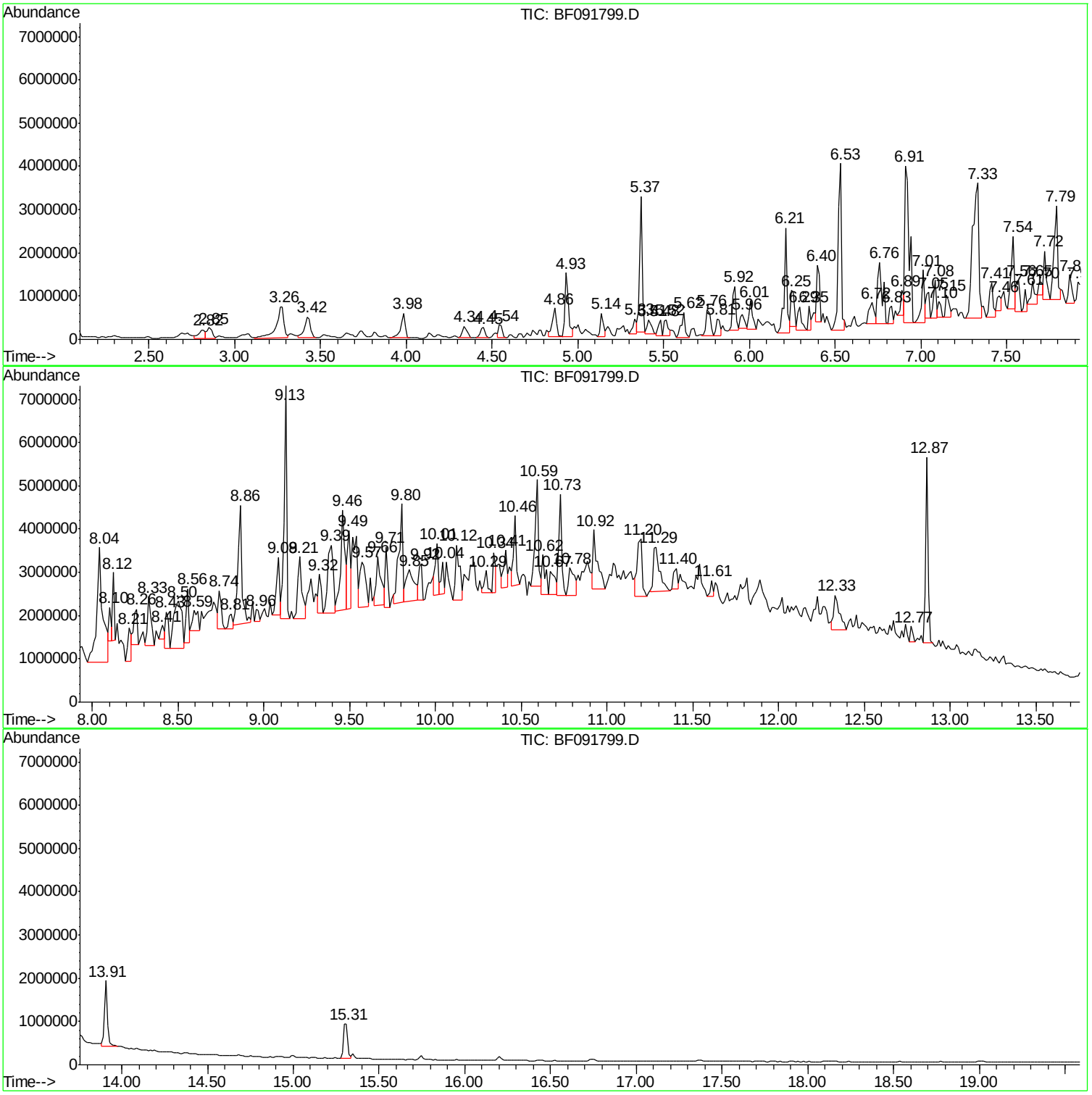
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091799.D
Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091799.D
Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

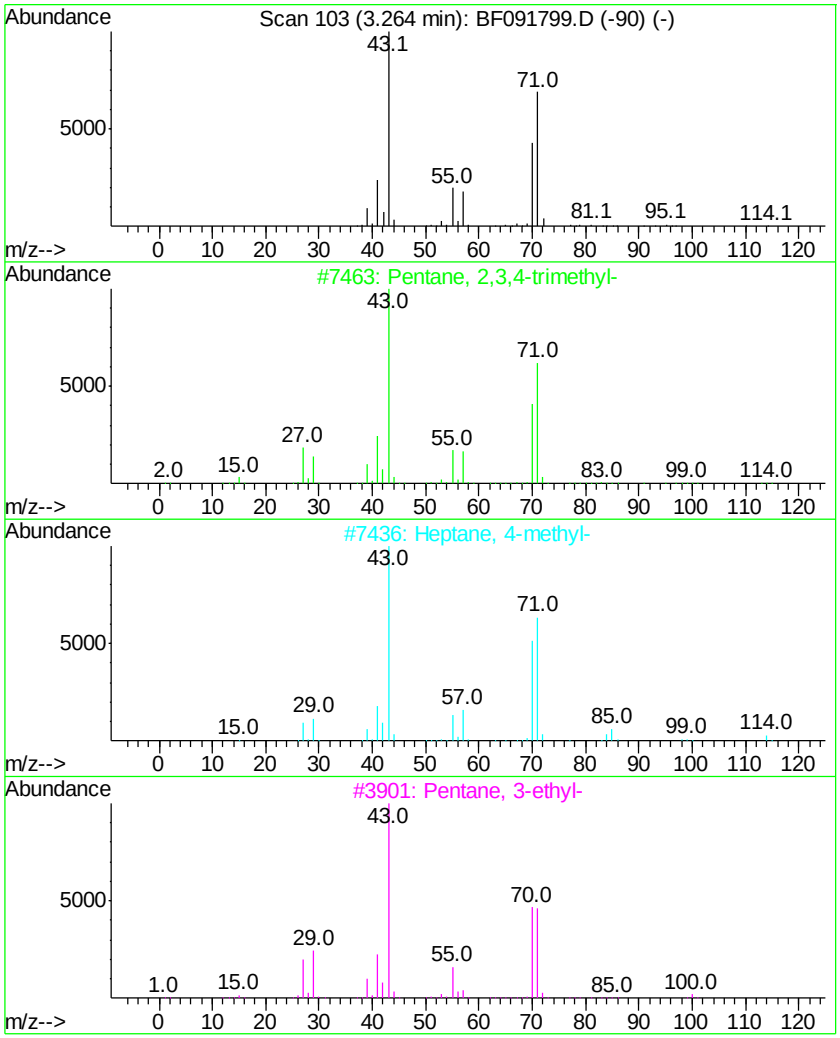
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

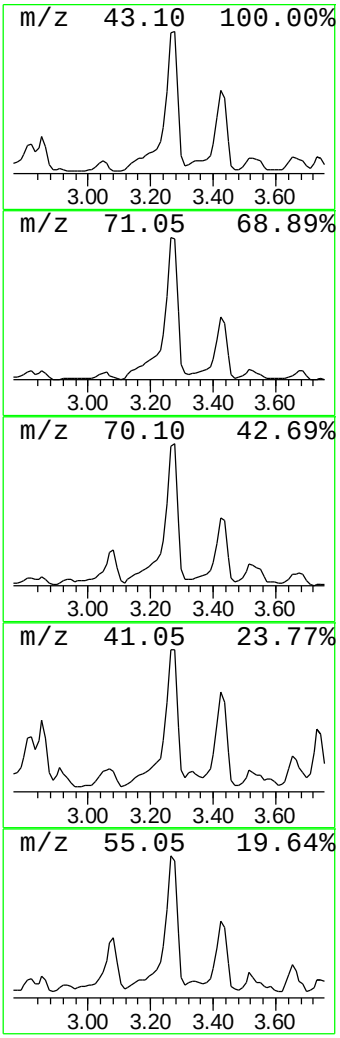
****

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	17.18 ng	2275440	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091799.D
Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

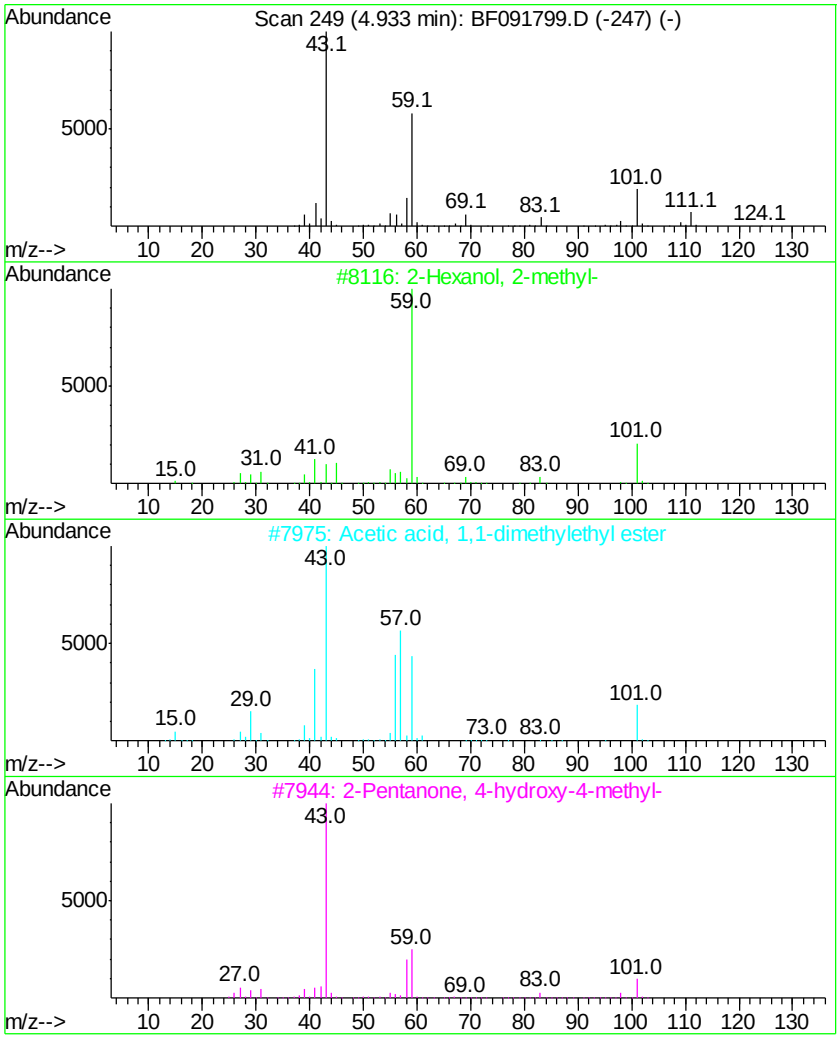
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

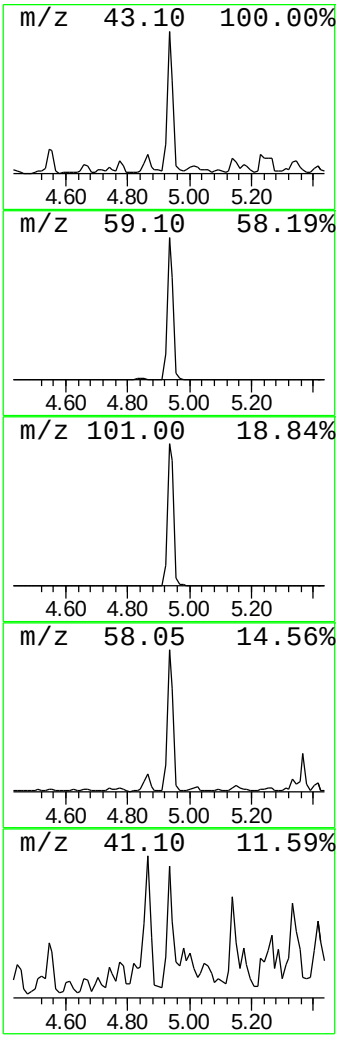
****

Peak Number 2 unknown4.93 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	16.17 ng	2142210	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	38
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	32





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Sample : H6165-07
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

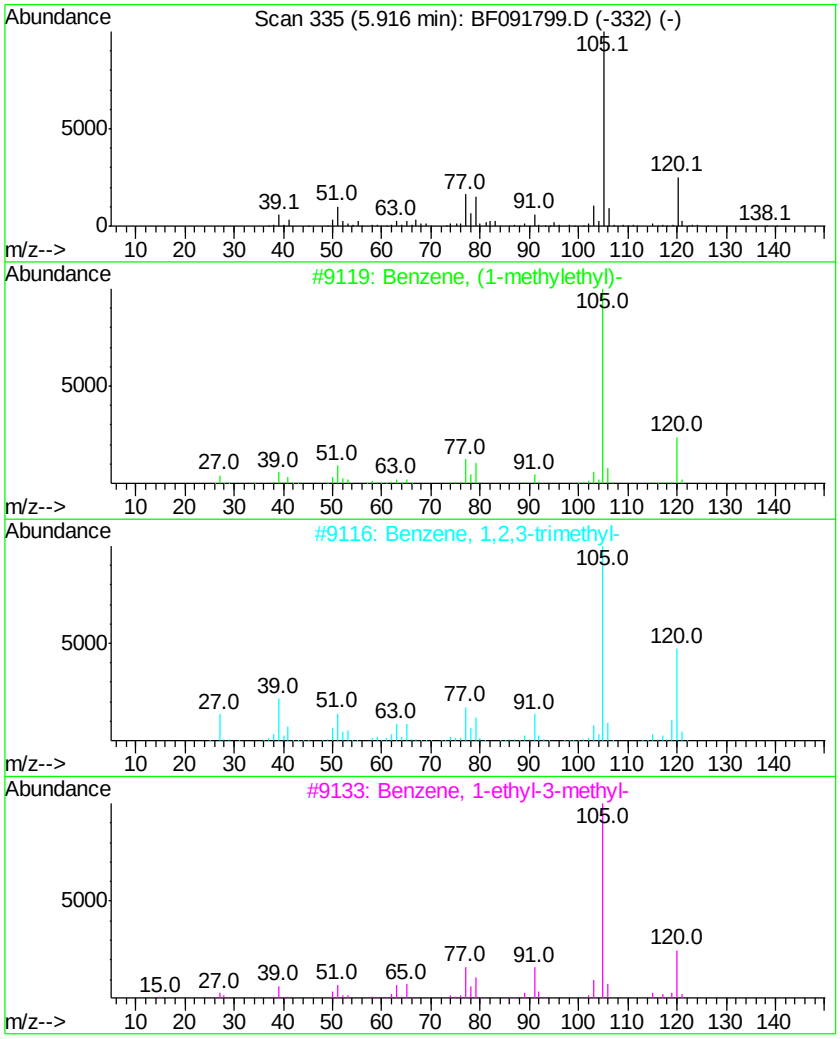
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

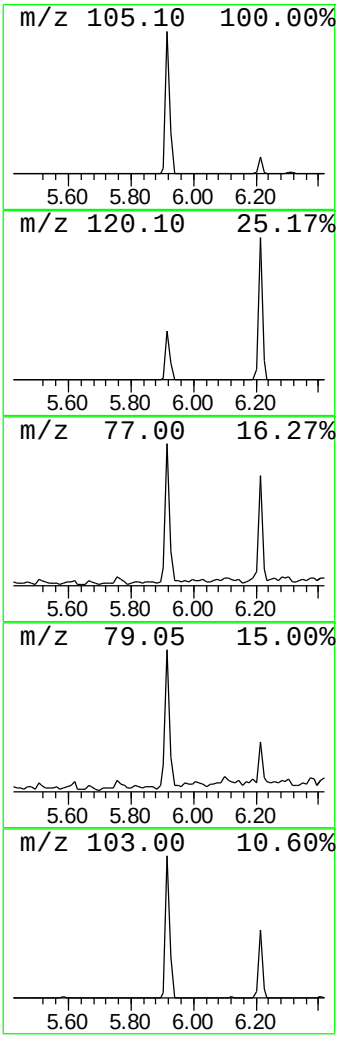
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	10.96 ng	1452240	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
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Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

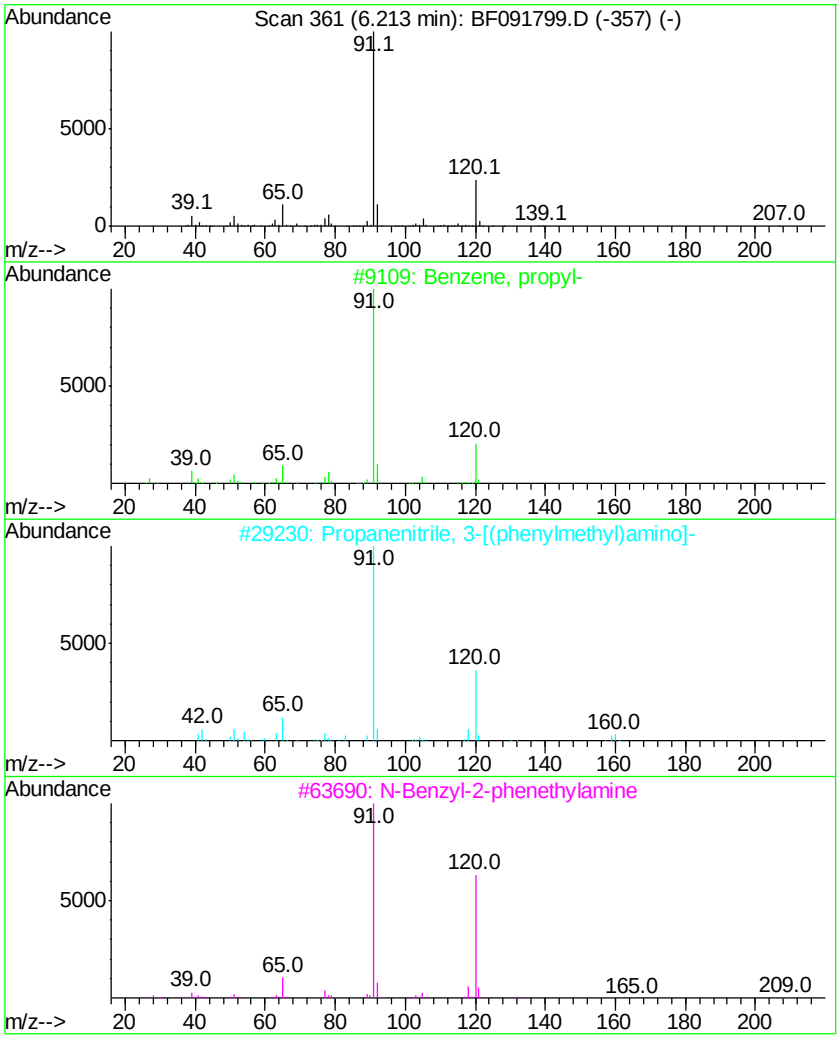
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

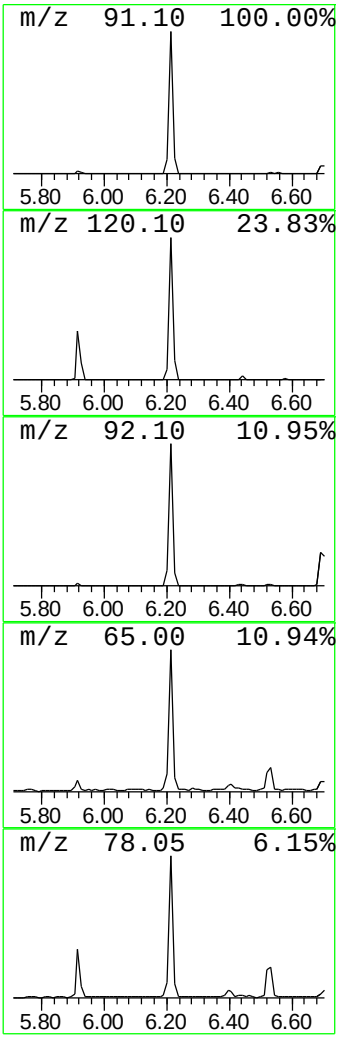
****

Peak Number 4 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	22.96 ng	3041290	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091799.D
Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

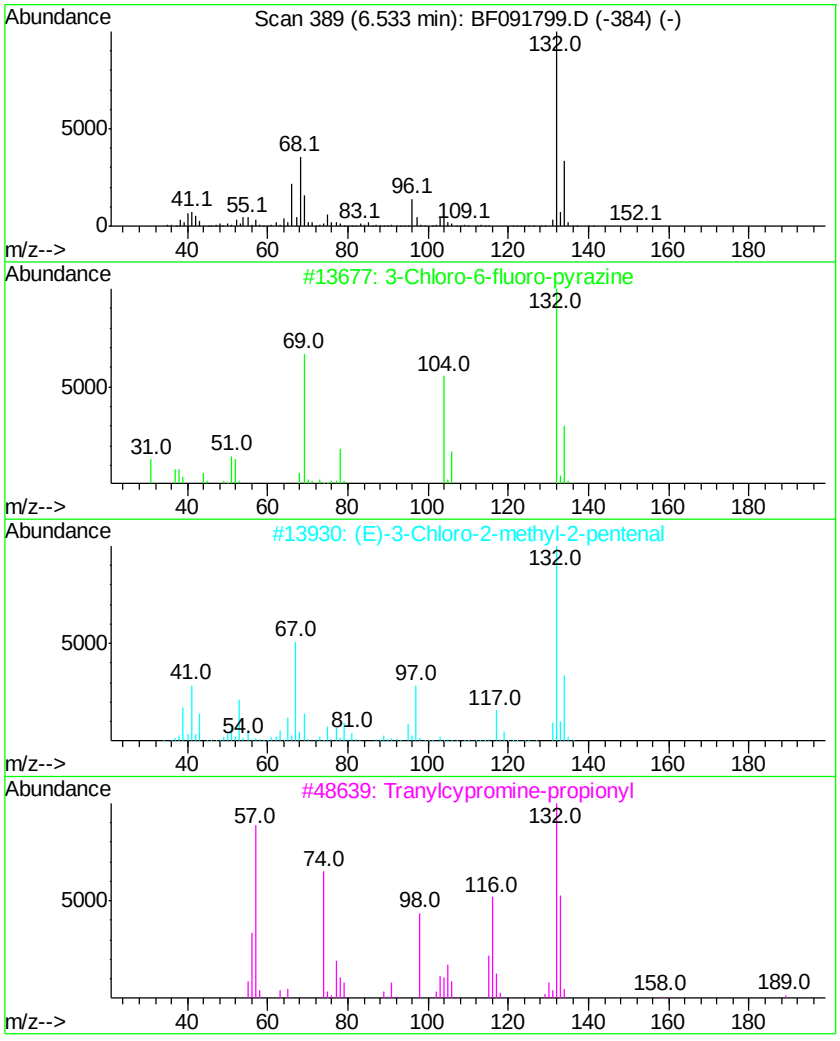
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

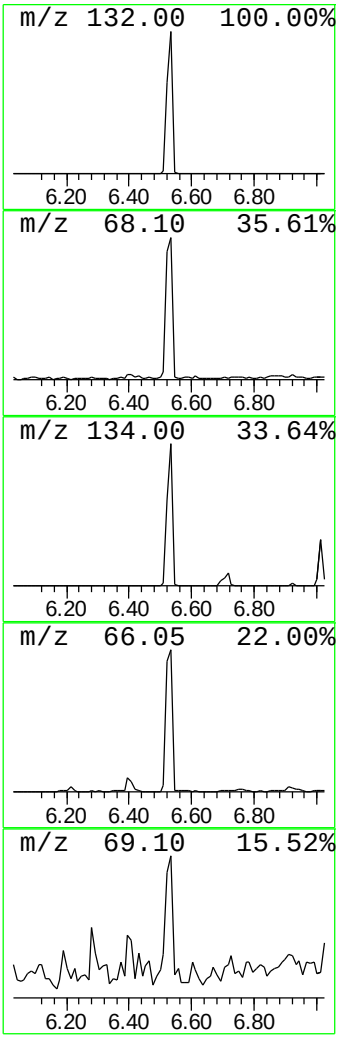
****

Peak Number 5 unknown6.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	40.95 ng	5425220	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091799.D
Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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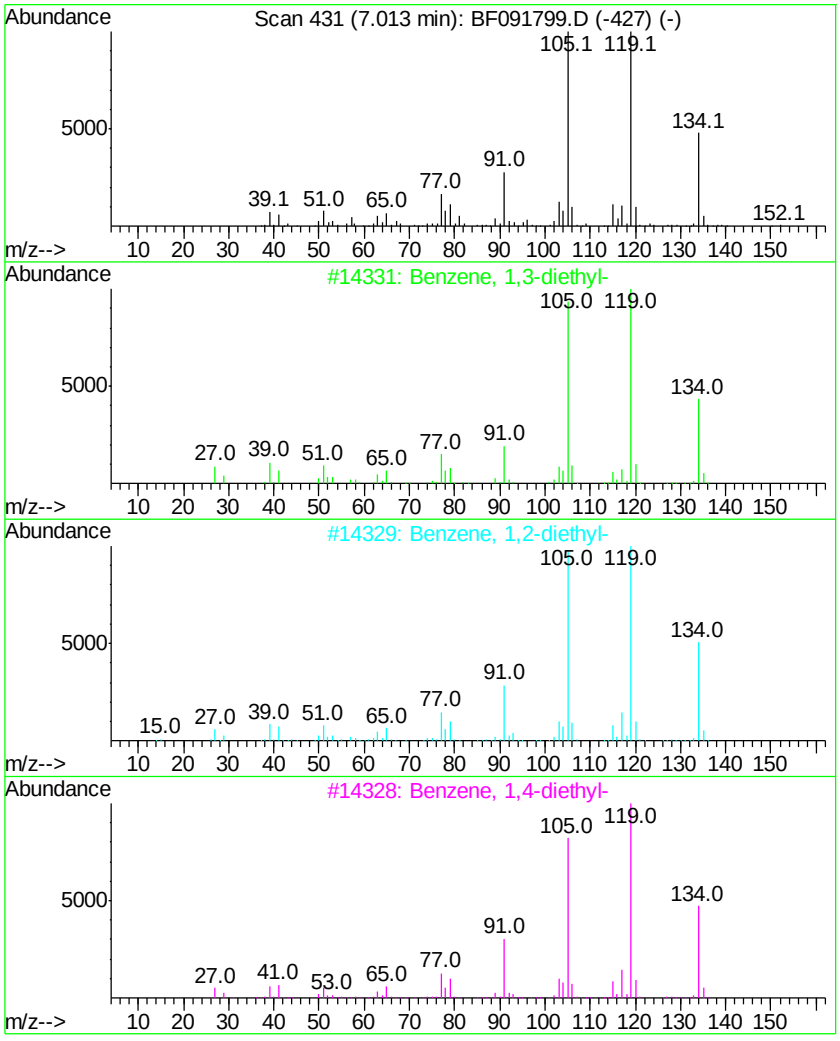
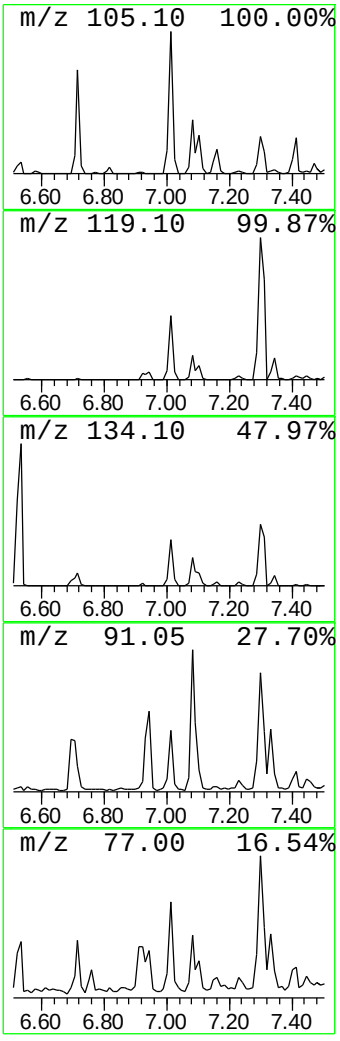
Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	11.70 ng	1549850	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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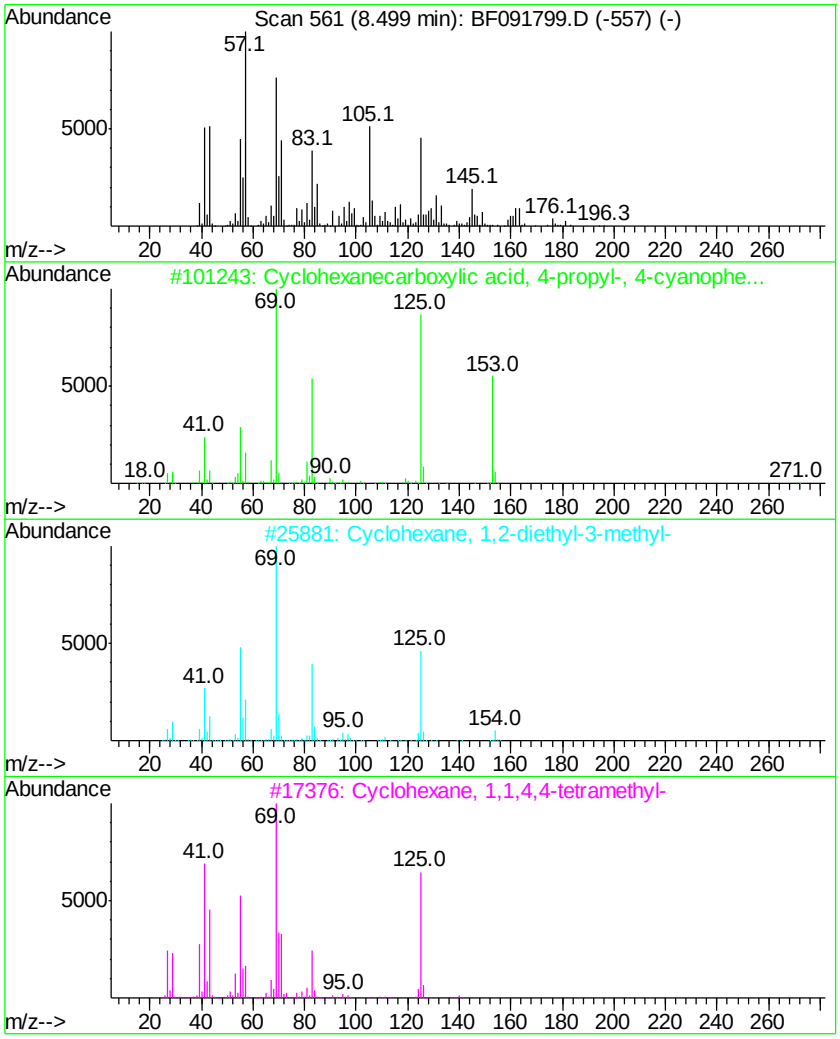
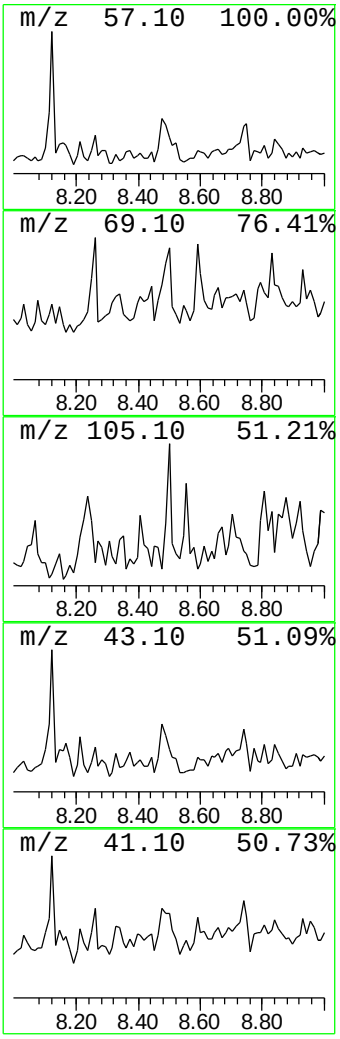
Peak Number 8 unknown8.50 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	10.86 ng	3564170	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	43
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	43
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
4	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	38
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	30





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ClientSampleId : SBW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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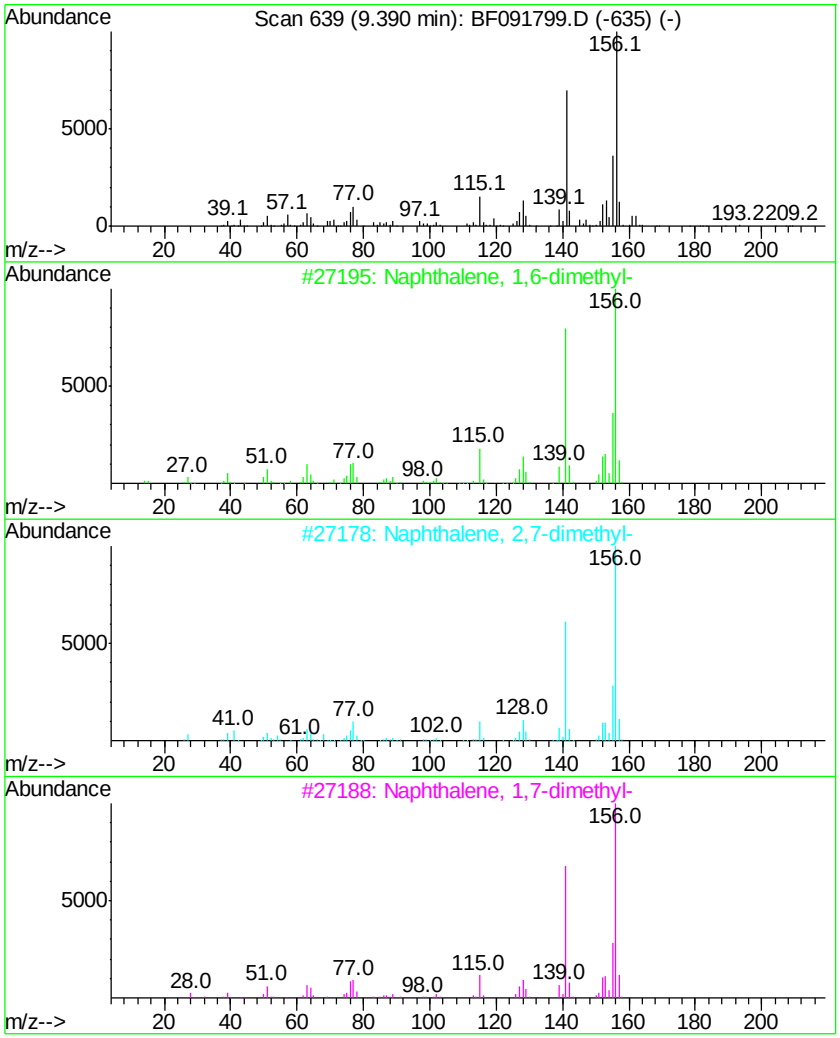
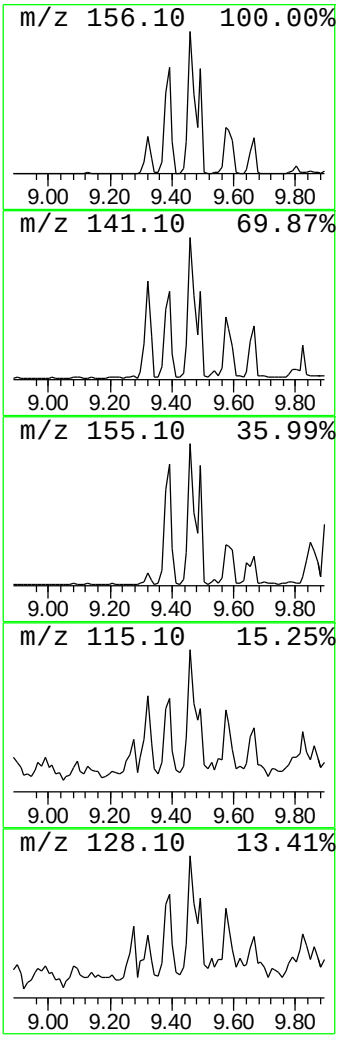
Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	18.95 ng	3288380	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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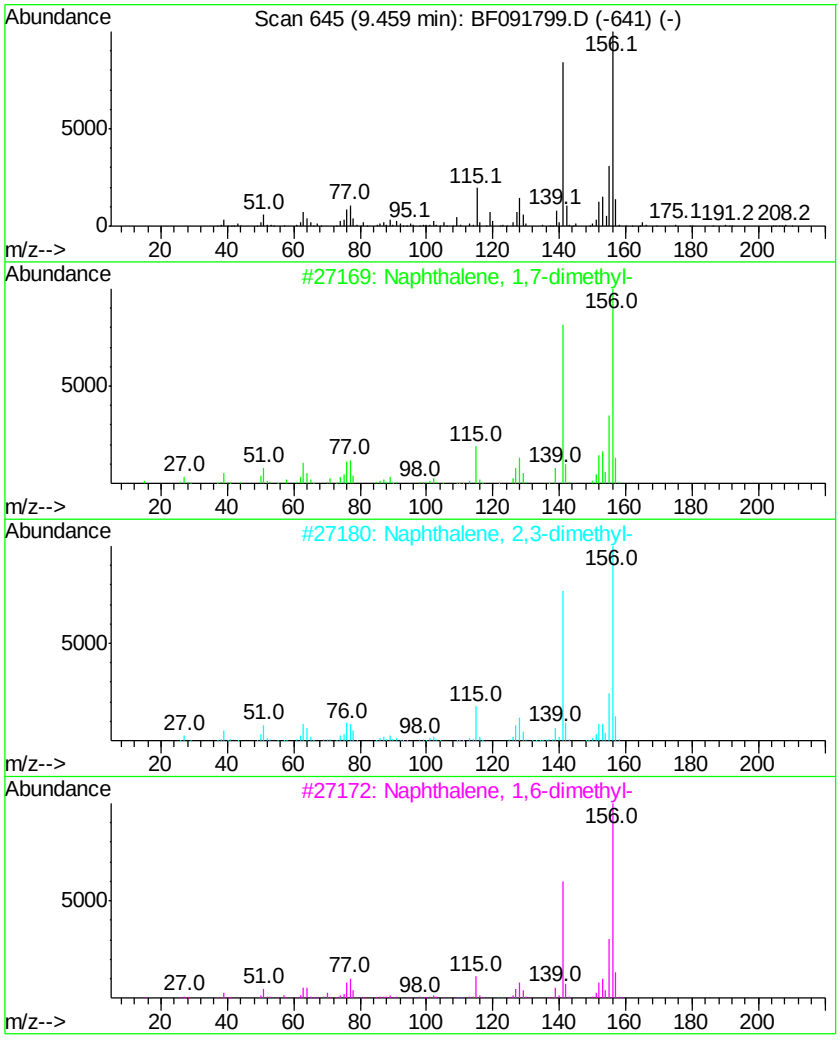
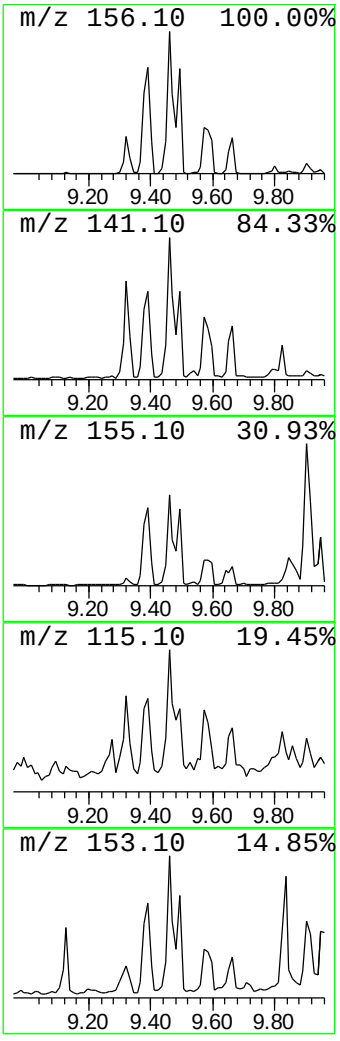
Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	25.44 ng	4415730	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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ClientSampleId : SBW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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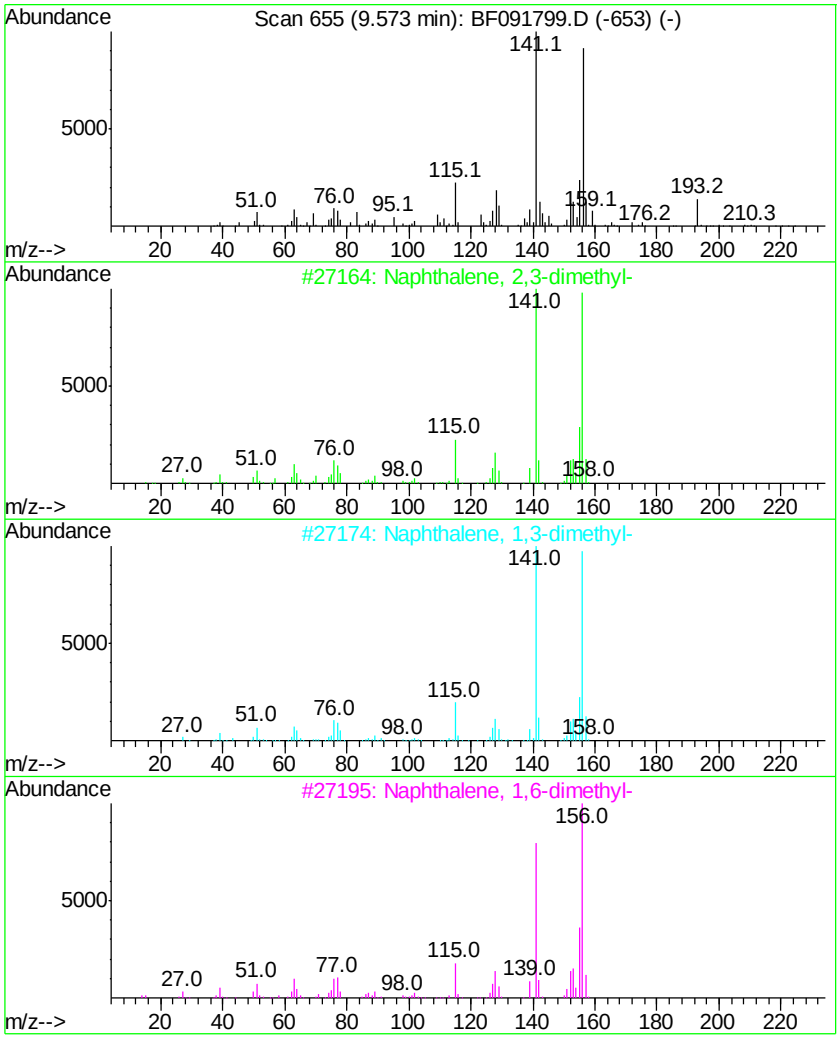
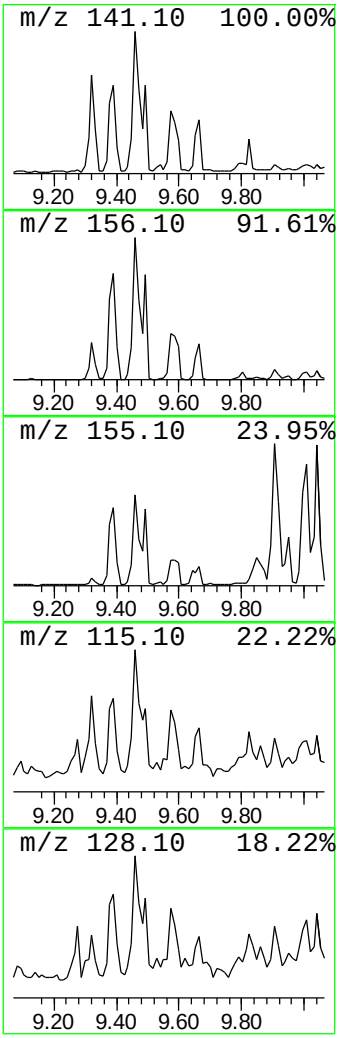
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	13.54 ng	2349480	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Misc :
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Instrument : BNA_F
ClientSampleId : SBW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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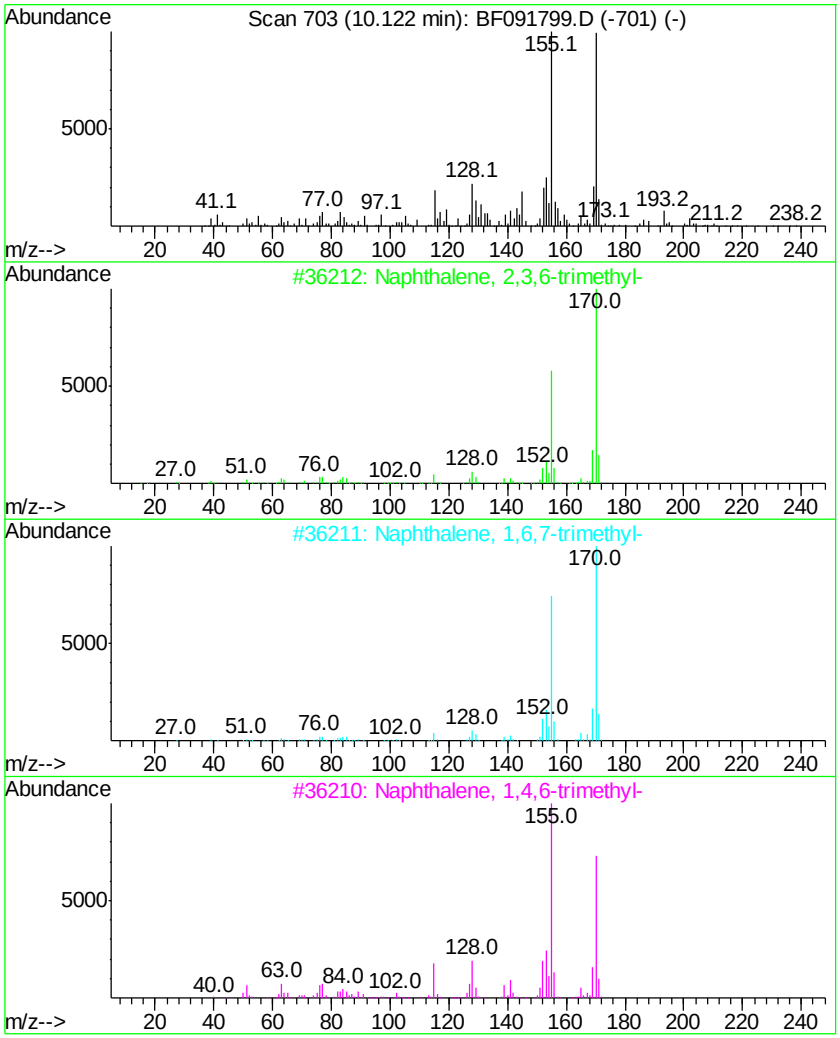
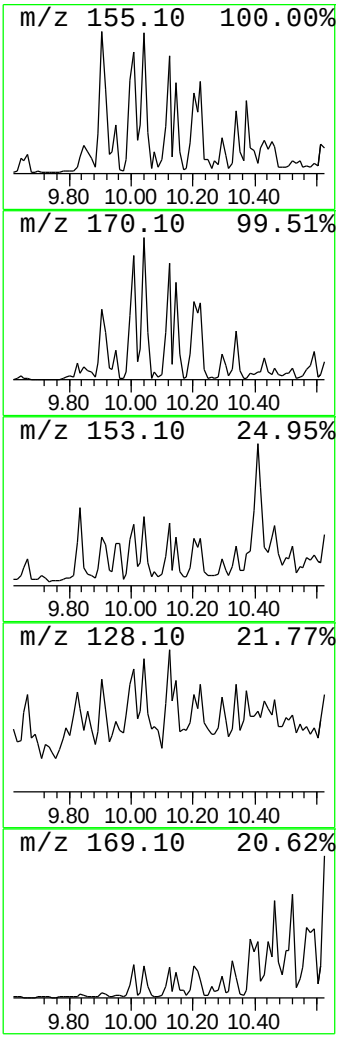
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	13.58 ng	2356220	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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Sample : H6165-07
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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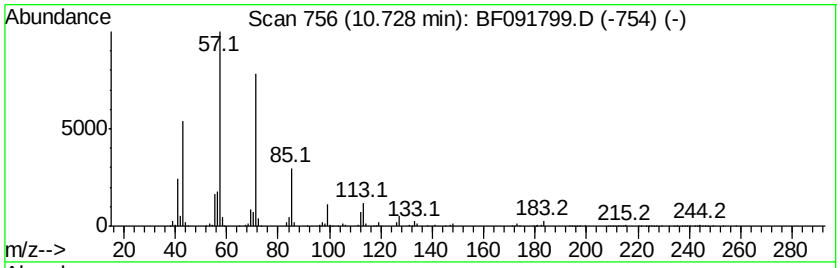
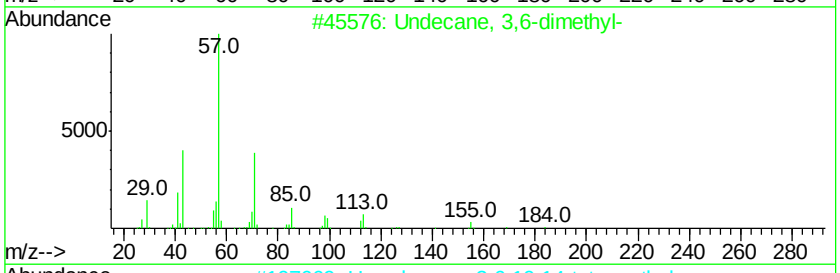
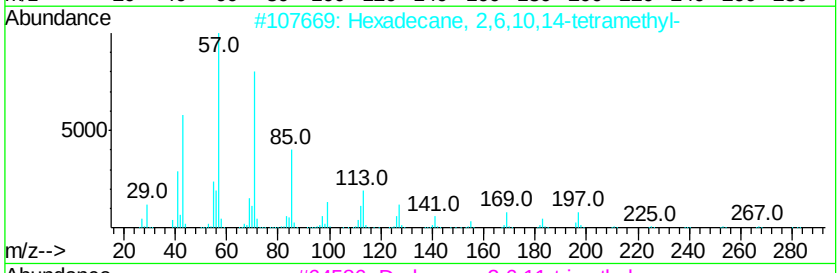
Peak Number 16 Undecane, 3,6-dimethyl- Concentration Rank 4

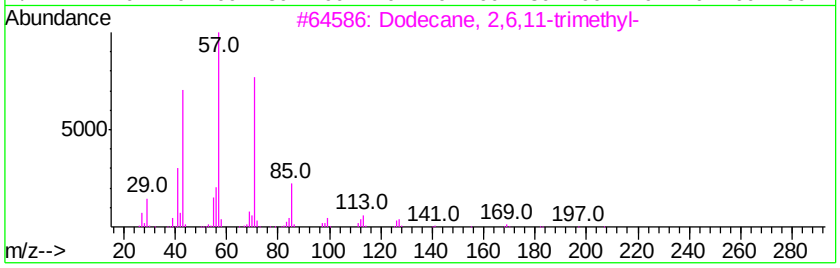
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	23.23 ng	2895170	Phenanthrene-d10	11.29

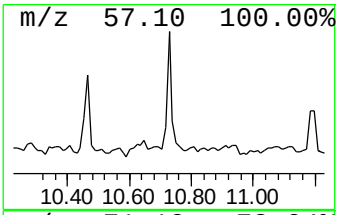
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64

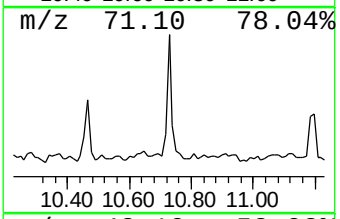


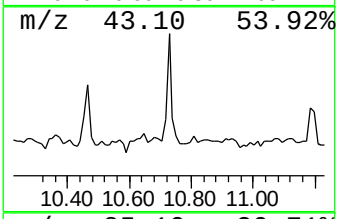


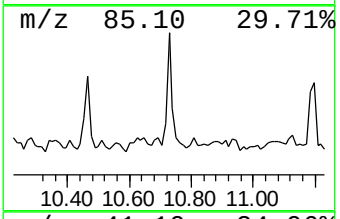


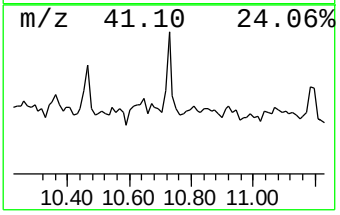












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Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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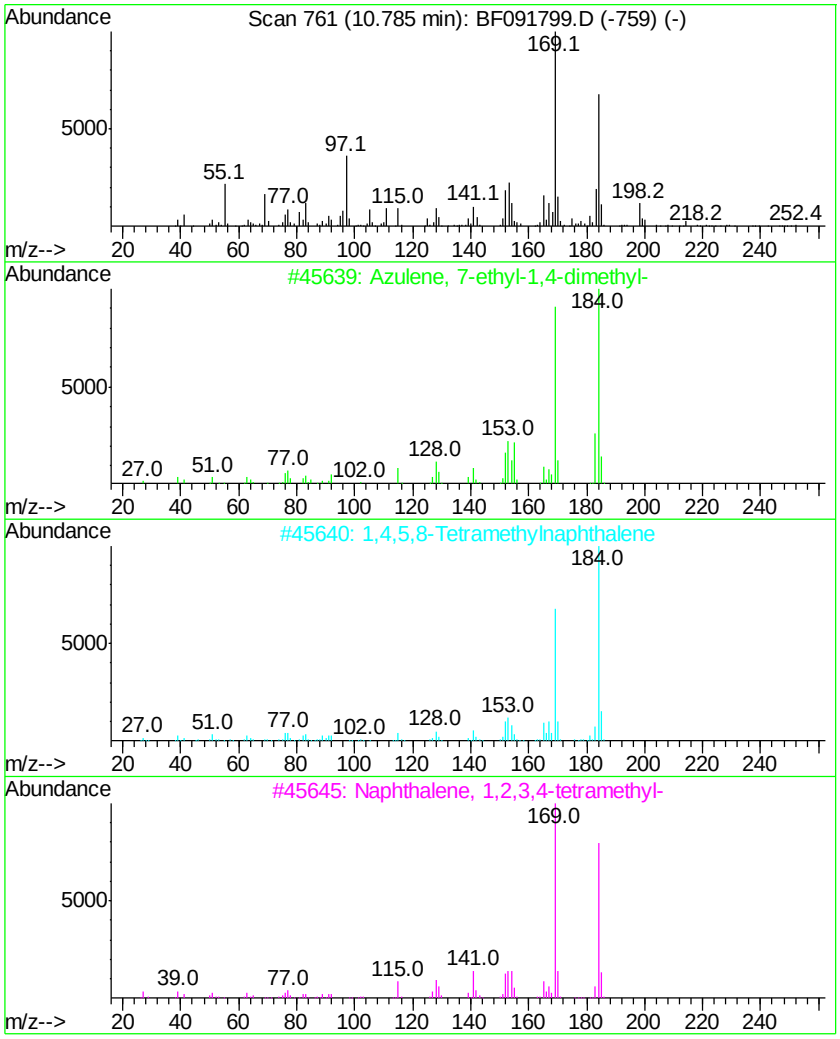
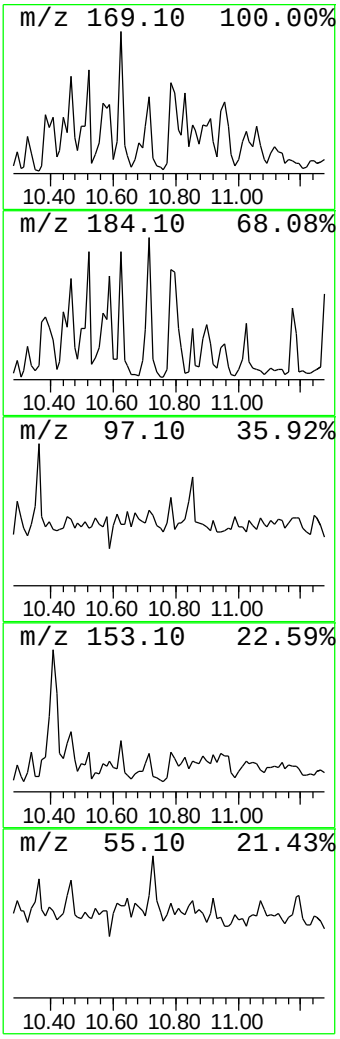
Peak Number 17 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	11.91 ng	1483920	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	91
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	91
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	76
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	74
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	68





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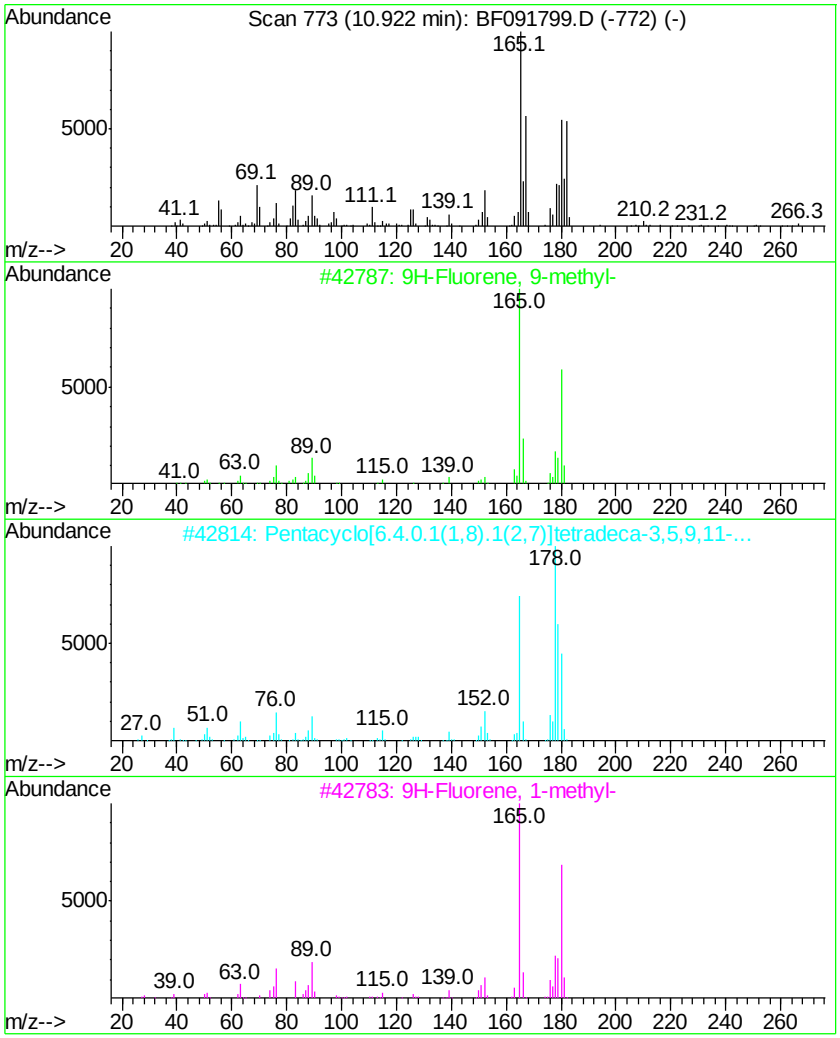
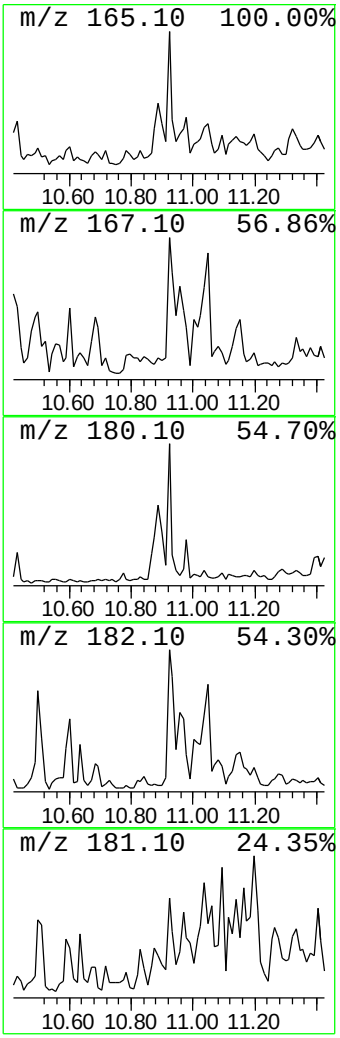
Peak Number 18 9H-Fluorene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	20.32 ng	2531990	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
2	Pentacyclo[6.4.0.0(1,8).1(2,7)]t...	180	C14H12	086120-84-5	53
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	43





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TIC Library : C:\DATABASE\NIST02.L
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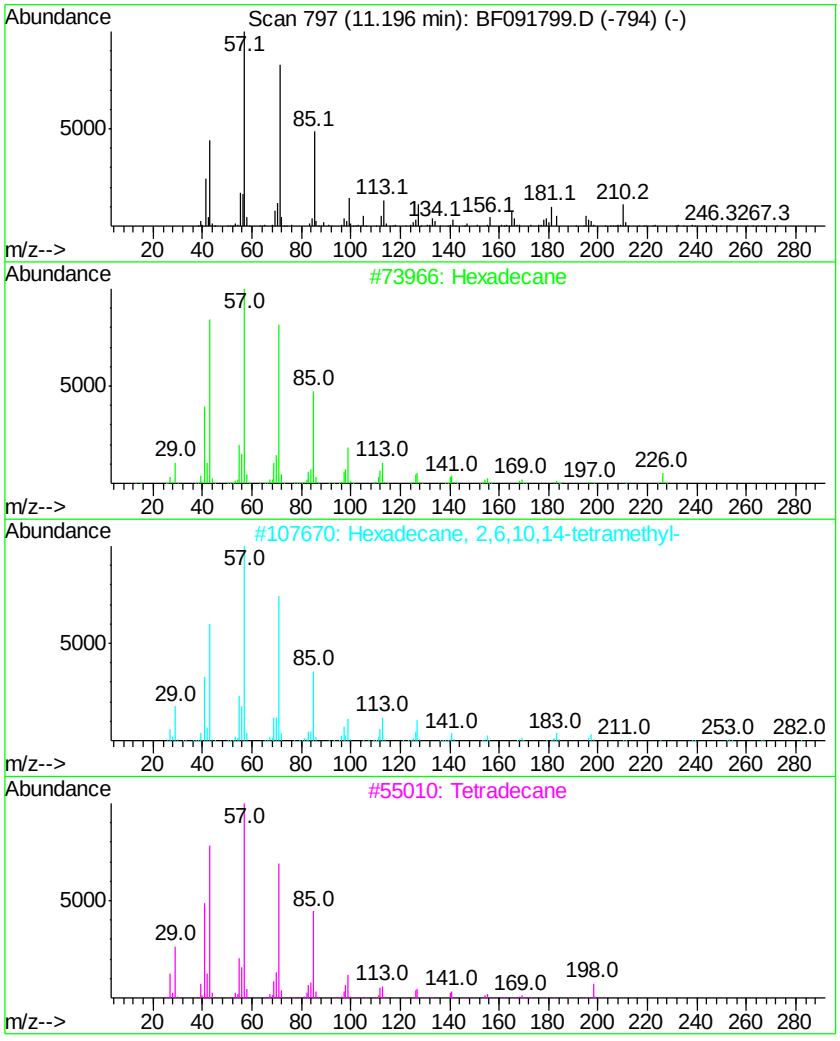
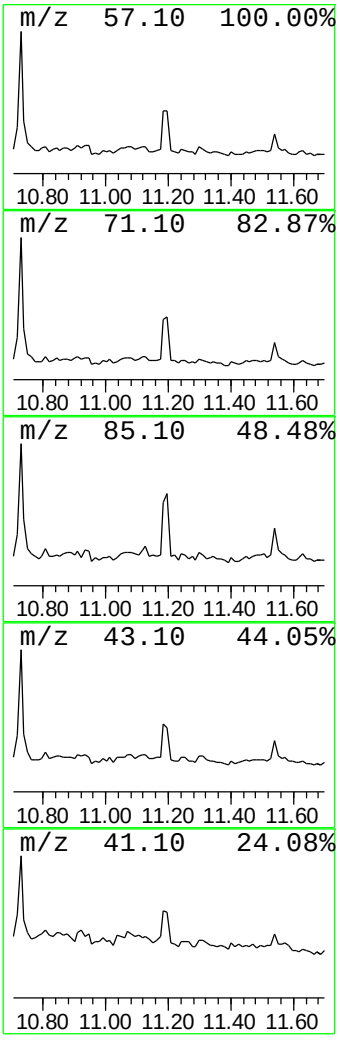
Peak Number 19 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	18.89 ng	2354460	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	55





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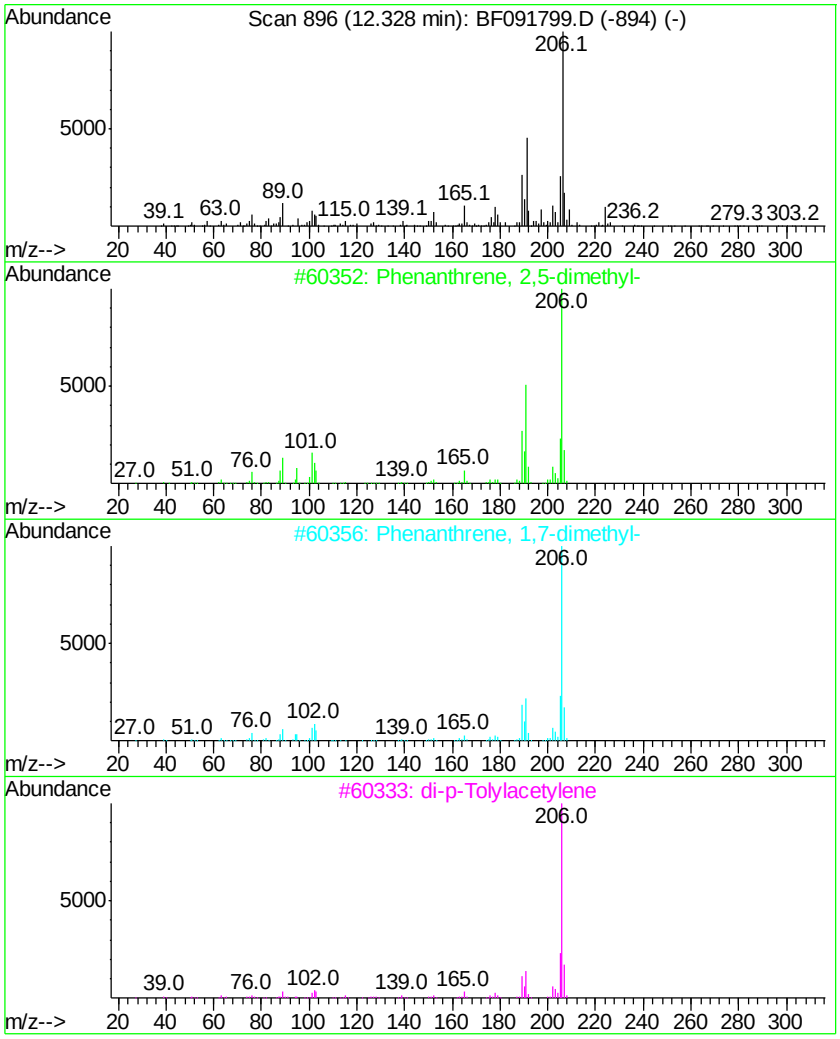
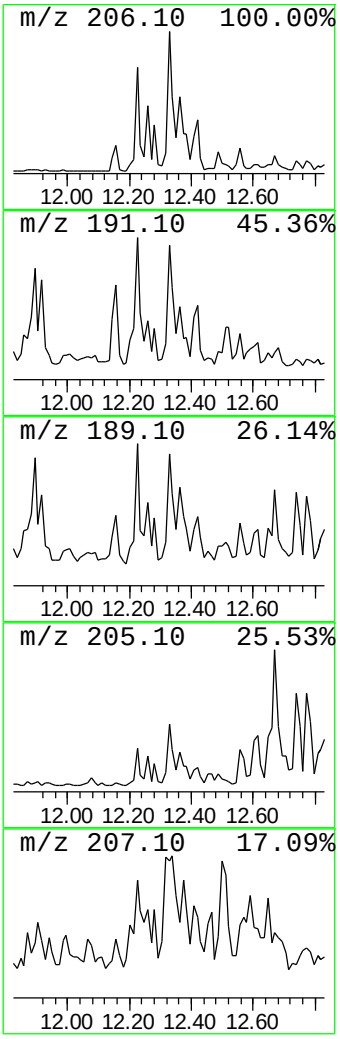
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	16.00 ng	1993690	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091799.D
Acq On : 20 Dec 2016 3:15
Operator : UM/SJ
Sample : H6165-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3,4-tr...	3.26	17.2	ng	2275440	1	6.76	2649710	20.0
unknown4.93	4.93	16.2	ng	2142210	1	6.76	2649710	20.0
Benzene, (1-methy...	5.92	11.0	ng	1452240	1	6.76	2649710	20.0
Benzene, propyl-	6.21	23.0	ng	3041290	1	6.76	2649710	20.0
unknown6.53	6.53	41.0	ng	5425220	1	6.76	2649710	20.0
Benzene, 1,3-diet...	7.01	11.7	ng	1549850	1	6.76	2649710	20.0
unknown8.50	8.50	10.9	ng	3564170	2	8.04	6565120	20.0
Naphthalene, 1,6-...	9.39	18.9	ng	3288380	3	9.80	3471310	20.0
Naphthalene, 1,7-...	9.46	25.4	ng	4415730	3	9.80	3471310	20.0
Naphthalene, 2,3-...	9.57	13.5	ng	2349480	3	9.80	3471310	20.0
Naphthalene, 2,3,...	10.12	13.6	ng	2356220	3	9.80	3471310	20.0
Undecane, 3,6-dim...	10.73	23.2	ng	2895170	4	11.29	2492450	20.0
Azulene, 7-ethyl-...	10.78	11.9	ng	1483920	4	11.29	2492450	20.0
9H-Fluorene, 9-me...	10.92	20.3	ng	2531990	4	11.29	2492450	20.0
Hexadecane	11.20	18.9	ng	2354460	4	11.29	2492450	20.0
Phenanthrene, 2,5...	12.33	16.0	ng	1993690	4	11.29	2492450	20.0