LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-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	3.641	126	136	139	rBV2	251008	777005	2.37%	0.134%
2	3.778	144	148	152	rBV	207014	397108	1.21%	0.069%
3	3.950	157	163	165	rBV	208539	405205	1.24%	0.070%
4	4.316	192	195	201	rVB	1036865	1653547	5.04%	0.285%
5	4.773	232	235	237	rVB	524223	703486	2.14%	0.121%
6	4.864	240	243	246	rVB	1188400	1804727	5.50%	0.311%
7	4.933	246	249	252	rBV2	2914435	5057117	15.42%	0.873%
8	5.139	265	267	269	rBV	1317475	1592700	4.85%	0.275%
9	5.207	269	273	274	rBV	746124	712711	2.17%	0.123%
10	5.230	274	275	276	rBV	850732	1039450	3.17%	0.179%
11	5.264	276	278	281	rVB	1240912	1491792	4.55%	0.257%
12	5.321	281	283	285	rBV2	3087989	5953937	18.15%	1.027%
13	5.367	285	287	290	rVB	5816136	6040679	18.41%	1.042%
14	5.424	290	292	296	rBV3	358120	557751	1.70%	0.096%
15	5.516	298	300	302	rBV	1153701	1527927	4.66%	0.264%
16	5.561	302	304	305	rVB	1324959	1126099	3.43%	0.194%
17	5.596	305	307	311	rVB2	2009644	3724901	11.35%	0.643%
18	5.664	311	313	316	rBV	5326713	6331476	19.30%	1.092%
19	5.779	319	323	325	rBV2	1639426	2531076	7.72%	0.437%
20	5.836	325	328	330	rBV2	980339	2150726	6.56%	0.371%
21	5.916	332	335	338	rVB2	3114162	4299011	13.10%	0.742%
22	5.973	338	340	342	rBV2	931848	1616273	4.93%	0.279%
23	6.019	342	344	347	rVB2	5610042	8494966	25.89%	1.466%
24	6.076	347	349	350	rBV	1939546	2328149	7.10%	0.402%
25	6.099	350	351	358	rVB4	977081	3030713	9.24%	0.523%
26	6.213	358	361	364	rBV2	2479669	6493966	19.79%	1.120%
27	6.293	364	368	373	rVB3	5622211	16980443	51.76%	2.930%
28	6.373	373	375	377	rBV2	4895232	7808000	23.80%	1.347%
29	6.419	377	379	380	rVB	4085625	4987487	15.20%	0.861%
30	6.453	380	382	385	rVB3	2159329	4592860	14.00%	0.792%
31	6.544	385	390	393	rBV2	6212862	13916869	42.42%	2.401%
32	6.624	393	397	400	rVB2	9167098	20518923	62.55%	3.540%
33	6.739	403	407	408	rBV2	2145017	5292332	16.13%	0.913%
34	6.807	408	413	414	rBV2	4979598	7195679	21.93%	1.242%

LSC Area Percent Report

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Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-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	6.842	414	416	420	rVB	2890251	3642104	11.10%	0.628%
36	6.933	421	424	429	rVB5	7579797	14748879	44.96%	2.545%
37	7.059	429	435	437	rBV3	5711956	14984430	45.68%	2.585%
38	7.104	437	439	441	rBV	4703399	7667938	23.37%	1.323%
39	7.184	443	446	450	rVB	6044623	10818208	32.98%	1.867%
40	7.276	450	454	456	rBV	2460748	7006088	21.36%	1.209%
41	7.322	456	458	462	rBV4	4586503	13113730	39.97%	2.263%
42	7.402	462	465	467	rVV	5501478	10502326	32.01%	1.812%
43	7.436	467	468	470	rVB	2920765	3582062	10.92%	0.618%
44	7.505	470	474	476	rBV3	2433409	4436969	13.52%	0.766%
45	7.596	476	482	486	rVB4	5399603	14938930	45.54%	2.578%
46	7.710	487	492	496	rBV5	5610447	21875485	66.68%	3.774%
47	7.813	498	501	503	rVV3	5142146	14261563	43.47%	2.461%
48	7.893	506	508	512	rVB3	3628804	8530446	26.00%	1.472%
49	8.076	518	524	528	rBV4	7909801	32806415	100.00%	5.660%
50	8.282	537	542	545	rBV4	3108300	11174435	34.06%	1.928%
51	8.385	547	551	555	rBV5	4018198	13015969	39.68%	2.246%
52	8.533	561	564	567	rVB	4691761	7976082	24.31%	1.376%
53	8.705	576	579	581	rBV3	3784089	5177502	15.78%	0.893%
54	8.922	593	598	601	rBV4	5138656	14857973	45.29%	2.564%
55	9.276	626	629	631	rBV2	3183730	7308285	22.28%	1.261%
56	9.459	641	645	647	rVB	3052255	8291740	25.27%	1.431%
57	9.550	647	653	654	rBV4	3745795	13328515	40.63%	2.300%
58	9.802	673	675	677	rVB2	2805051	3197573	9.75%	0.552%
59	10.122	701	703	706	rVB4	4094506	5881996	17.93%	1.015%
60	10.396	725	727	729	rBV3	2611024	5435006	16.57%	0.938%
61	10.785	757	761	764	rVB2	5285938	12493756	38.08%	2.156%
62	10.945	773	775	776	rBV2	2027339	2649323	8.08%	0.457%
63	11.231	798	800	803	rVB3	5695710	10050720	30.64%	1.734%
64	11.356	808	811	815	rVB	3746647	7678034	23.40%	1.325%
65	11.448	817	819	822	rBV3	2039017	4687238	14.29%	0.809%
66	11.573	828	830	833	rVV3	2715747	4078235	12.43%	0.704%
67	11.619	833	834	835	rVV	1765614	1424817	4.34%	0.246%
68	11.653	835	837	843	rVB3	2952976	7641661	23.29%	1.318%
69	11.836	850	853	854	rBV	3371139	6893765	21.01%	1.189%
70	11.859	854	855	857	rVV	4161450	5619649	17.13%	0.970%
71	11.939	860	862	868	rVB2	4770042	11935608	36.38%	2.059%

LSC Area Percent Report

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Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-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

72	12.019	868	869	871	rBV2	1753807	2125232	6.48%	0.367%
73	12.054	871	872	874	rVB	1515204	1066055	3.25%	0.184%
74	12.191	882	884	887	rVB4	1727959	2891360	8.81%	0.499%
75	12.271	887	891	892	rVV2	2915780	6598739	20.11%	1.139%
76	12.305	892	894	898	rVV	4515715	9282219	28.29%	1.602%
77	12.385	898	901	902	rVV2	4890740	9343216	28.48%	1.612%
78	12.465	906	908	910	rVV2	2532708	3626431	11.05%	0.626%
79	12.534	912	914	916	rVB3	1093322	1455746	4.44%	0.251%
80	12.682	925	927	928	rBV2	1238835	1427092	4.35%	0.246%
81	12.751	931	933	934	rBV2	1402397	2522976	7.69%	0.435%
82	12.774	934	935	936	rVV	2722747	2052060	6.26%	0.354%
83	12.808	936	938	940	rVB	3053563	3449258	10.51%	0.595%
84	12.854	940	942	943	rBV2	1147577	1543731	4.71%	0.266%
85	12.888	943	945	950	rVV	4330980	7569158	23.07%	1.306%
86	12.979	950	953	955	rVB4	1011083	2243424	6.84%	0.387%
87	13.174	968	970	975	rVB2	1547636	3350734	10.21%	0.578%
88	13.322	982	983	986	rVB	817422	1105505	3.37%	0.191%
89	13.425	989	992	994	rBV	2726086	2782389	8.48%	0.480%
90	13.459	994	995	1001	rVB5	519570	989672	3.02%	0.171%
91	13.551	1001	1003	1004	rBV2	325132	428552	1.31%	0.074%
92	13.665	1011	1013	1018	rVB3	601437	1193360	3.64%	0.206%
93	13.779	1021	1023	1028	rVB4	660129	1389125	4.23%	0.240%
94	13.928	1033	1036	1039	rVB	1571274	2395744	7.30%	0.413%
95	14.099	1049	1051	1055	rVB3	219613	420576	1.28%	0.073%
96	15.322	1155	1158	1160	rBV	1138366	1477950	4.51%	0.255%

Sum of corrected areas: 579578850

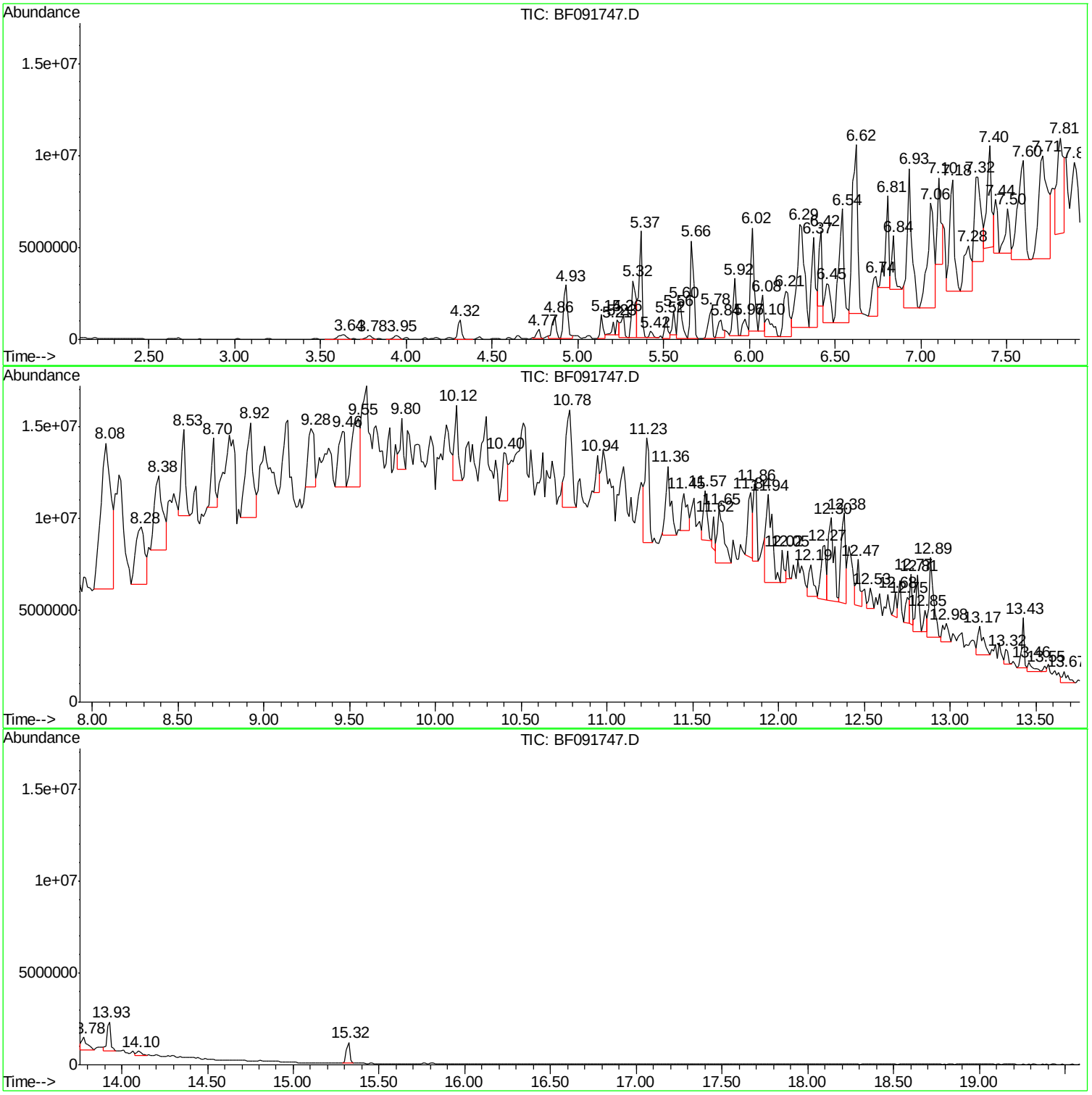
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-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\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2

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

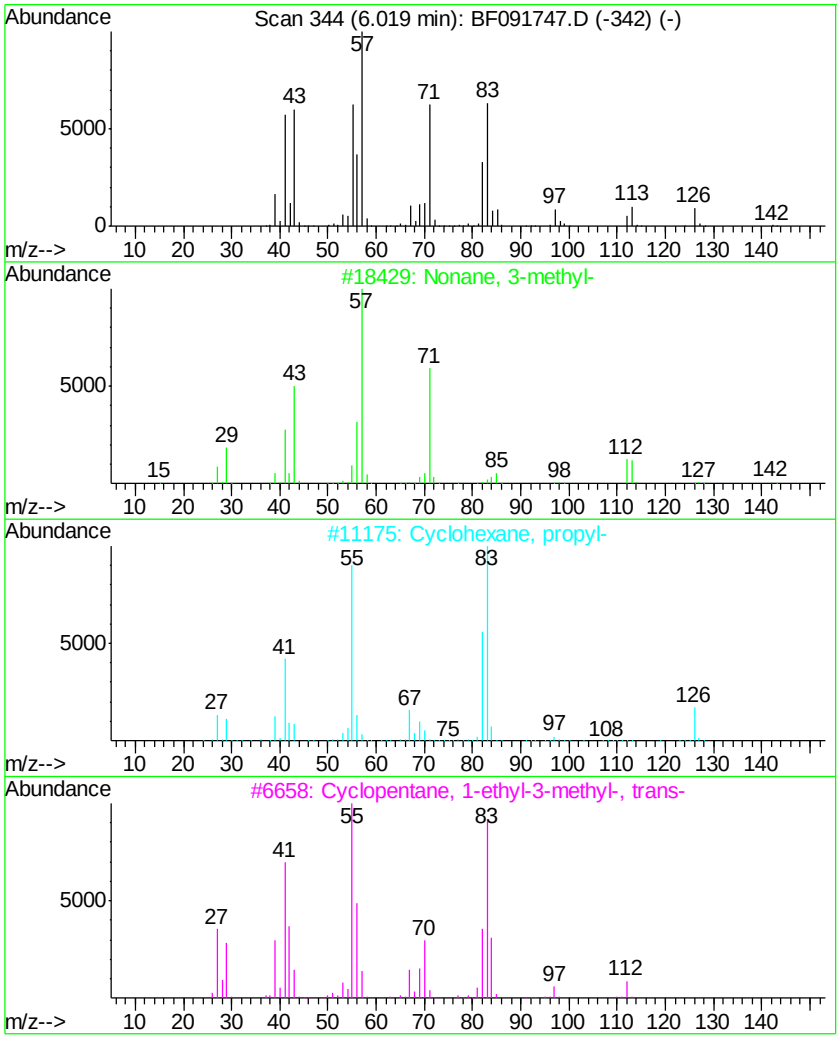
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

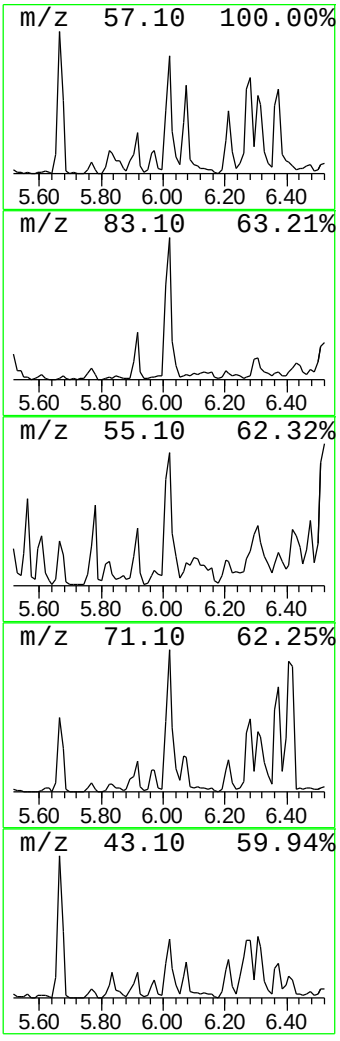
****

Peak Number 1 unknown6.02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	32.10 ng	8494970	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	46
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	38
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2

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

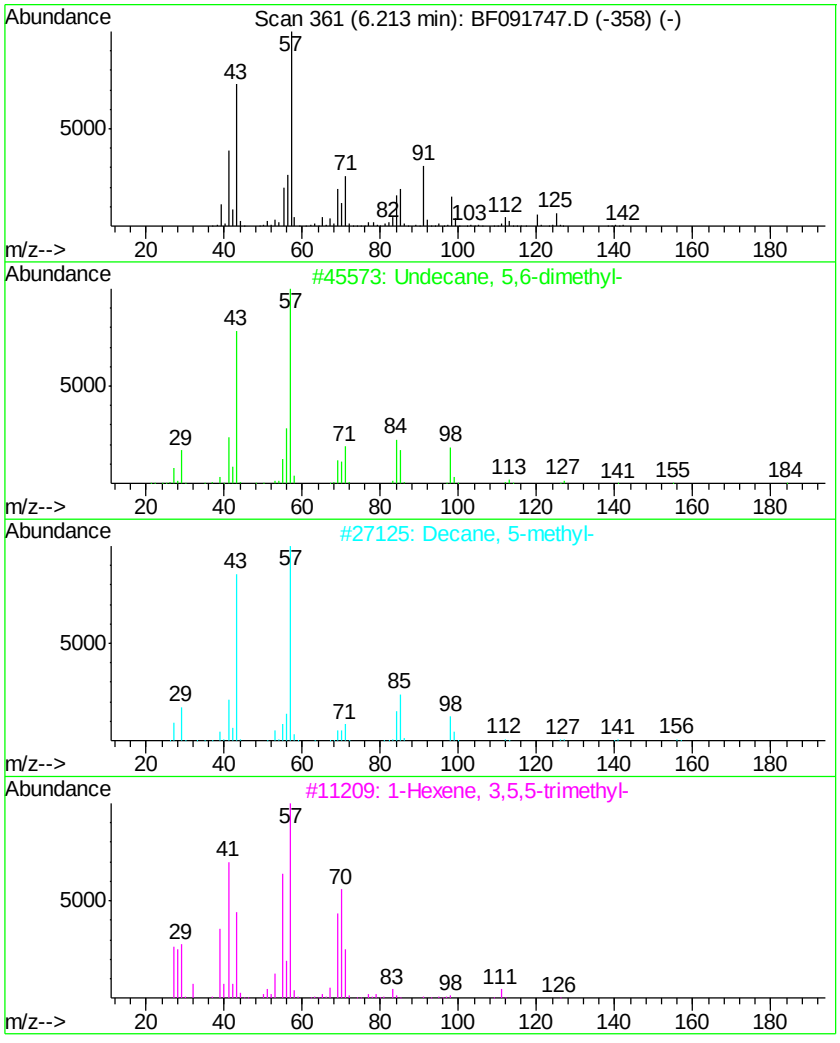
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

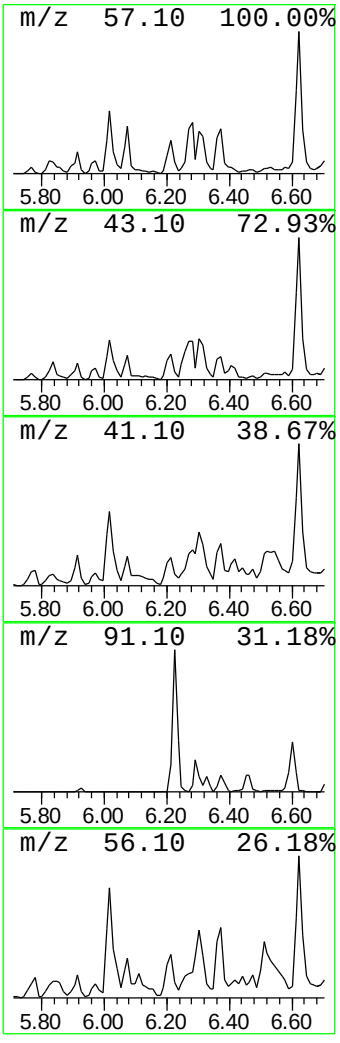
****

Peak Number 2 Undecane, 5,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	24.54 ng	6493970	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Decane, 5-methyl-	156	C11H24	013151-35-4	47
3	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	47
4	1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	43
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2

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

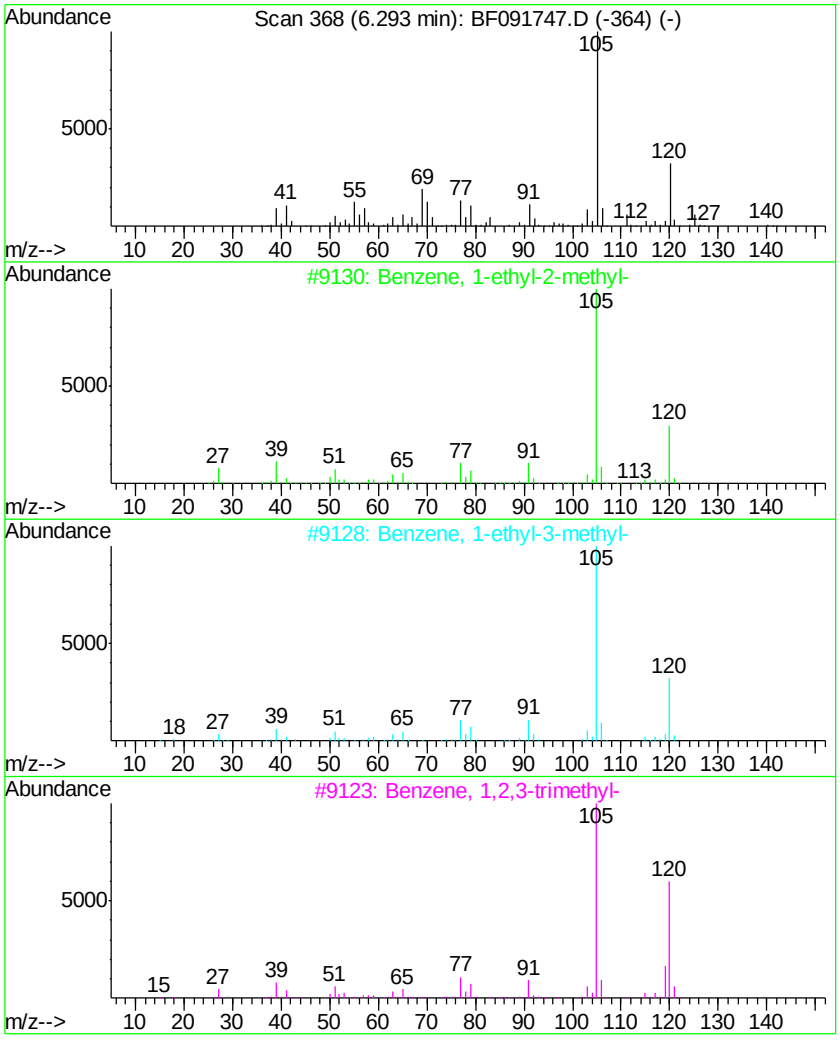
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

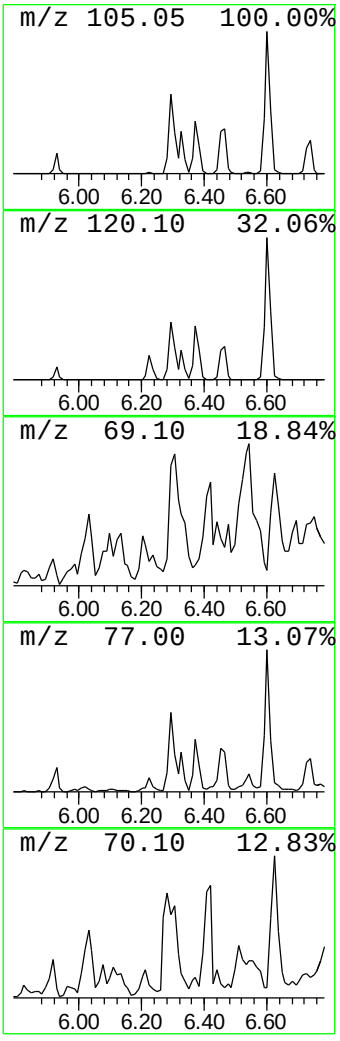
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	64.17 ng	16980400	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2

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

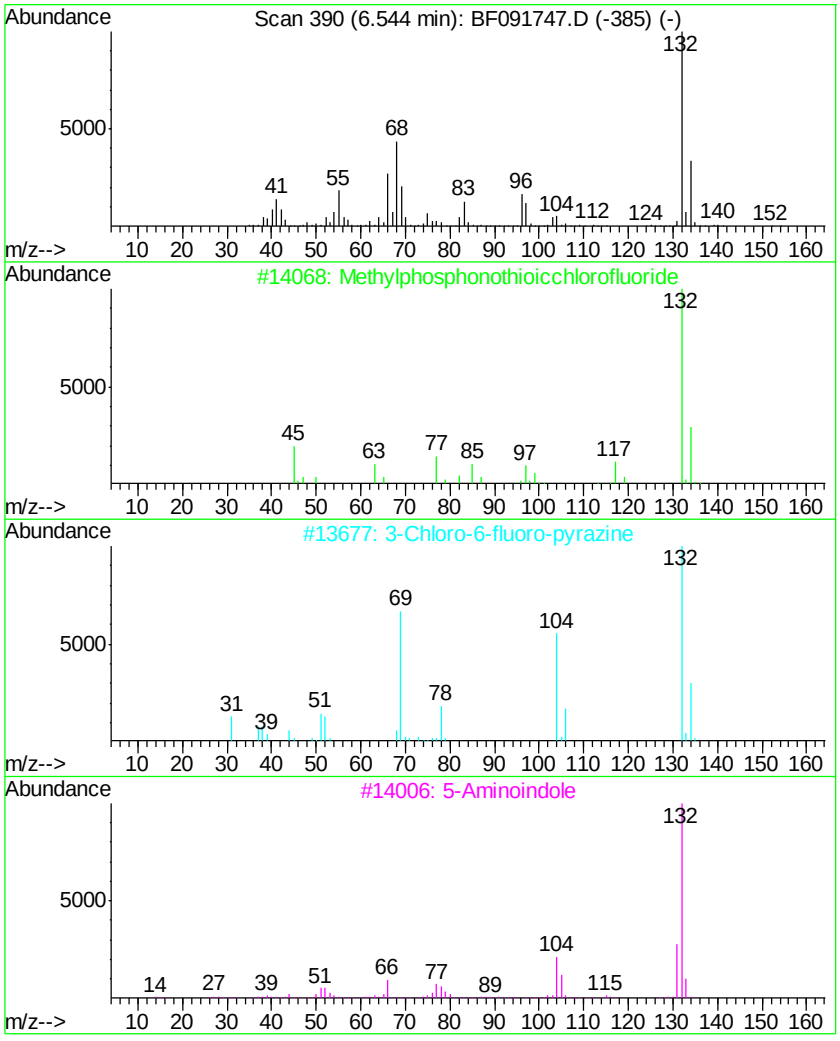
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

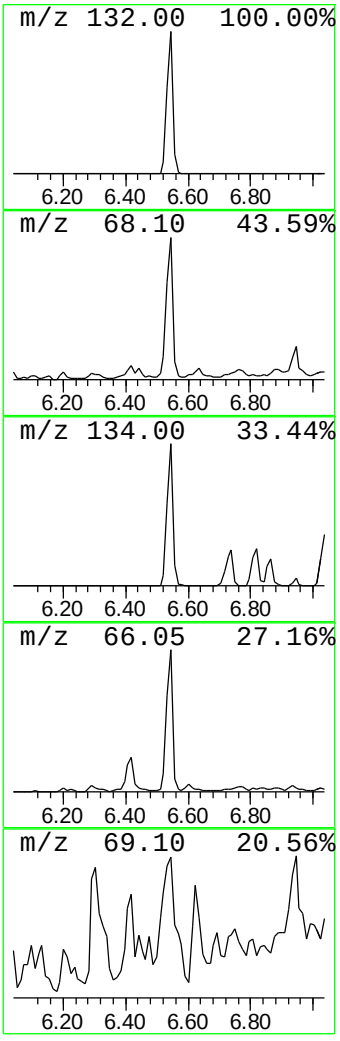
****

Peak Number 4 unknown6.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	52.59 ng	13916900	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2

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

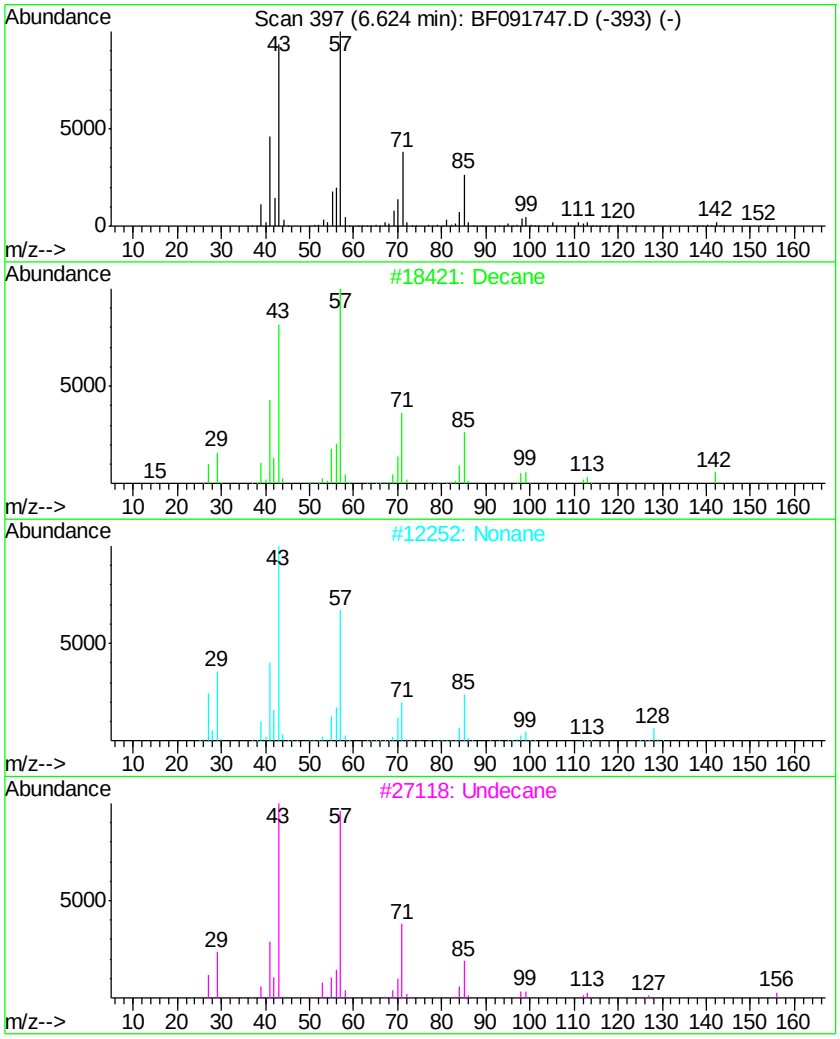
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

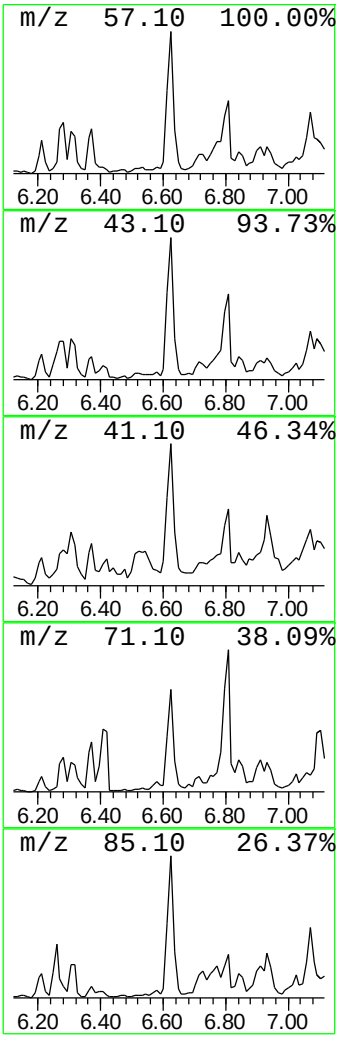
****

Peak Number 5 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	77.54 ng	20518900	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Nonane	128	C9H20	000111-84-2	72
3	Undecane	156	C11H24	001120-21-4	72
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Tridecane	184	C13H28	000629-50-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-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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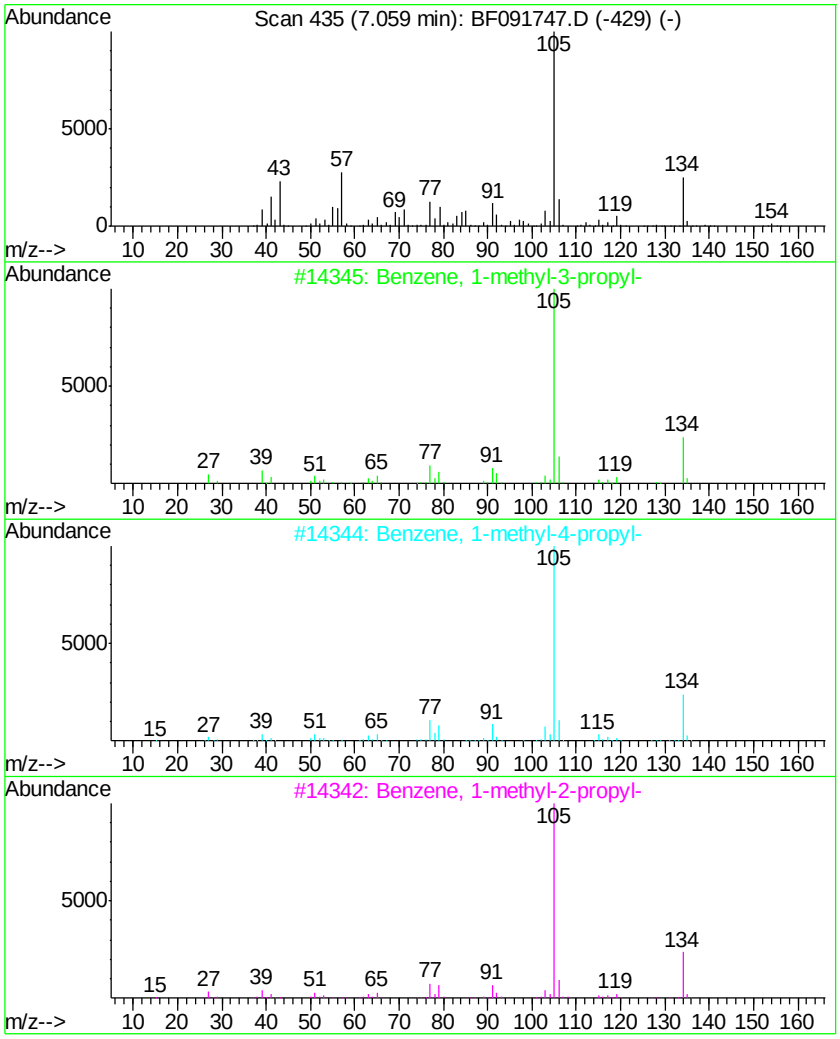
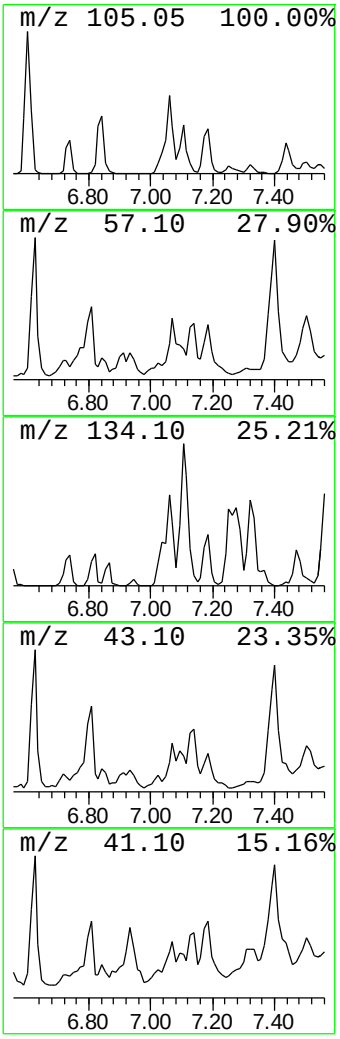
Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	56.63 ng	14984400	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	62
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	59





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Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
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Instrument : BNA_F
ClientSampleId : T-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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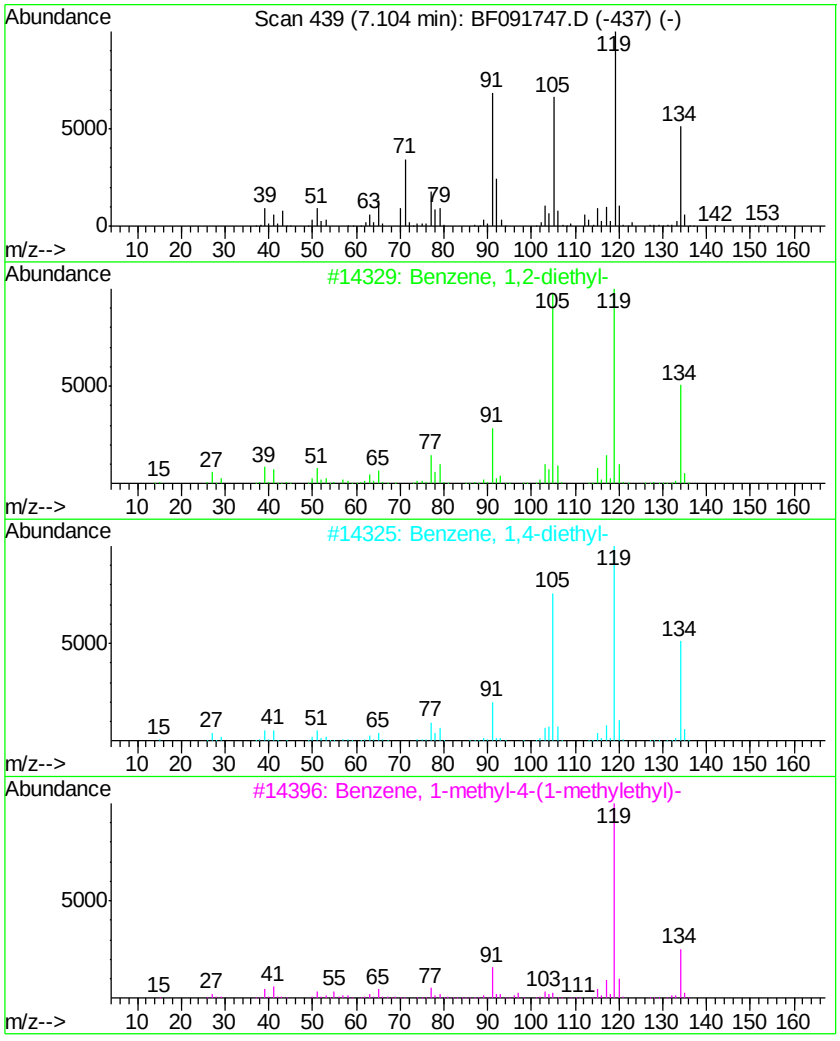
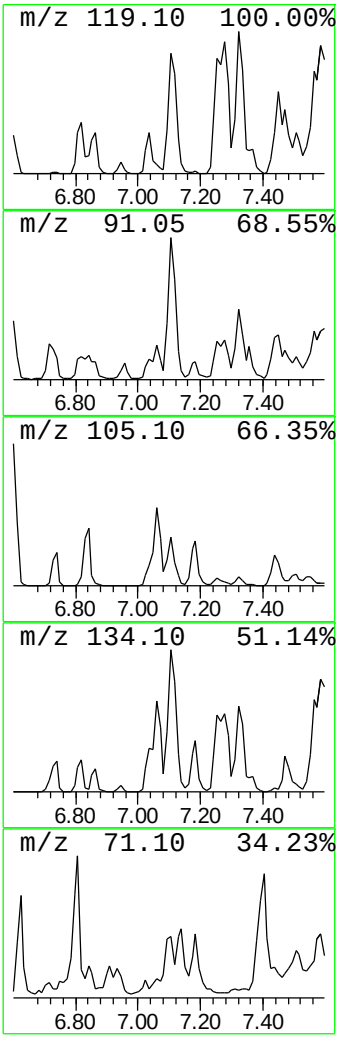
Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	28.98 ng	7667940	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89





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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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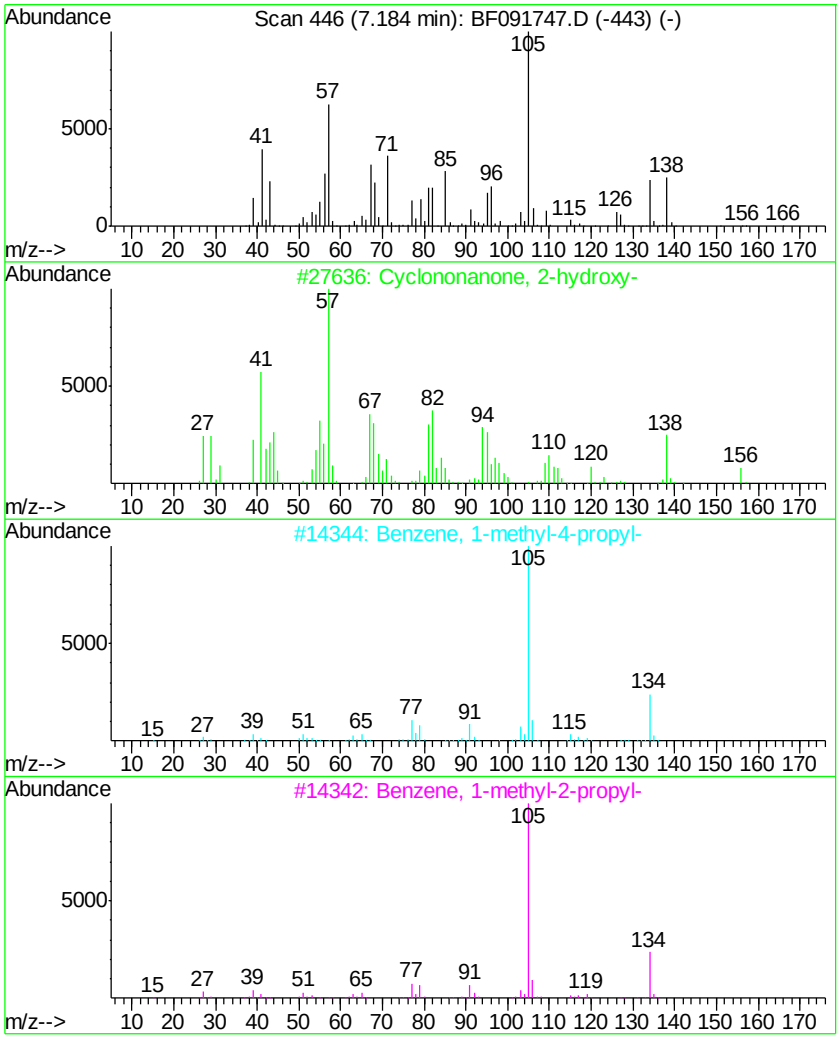
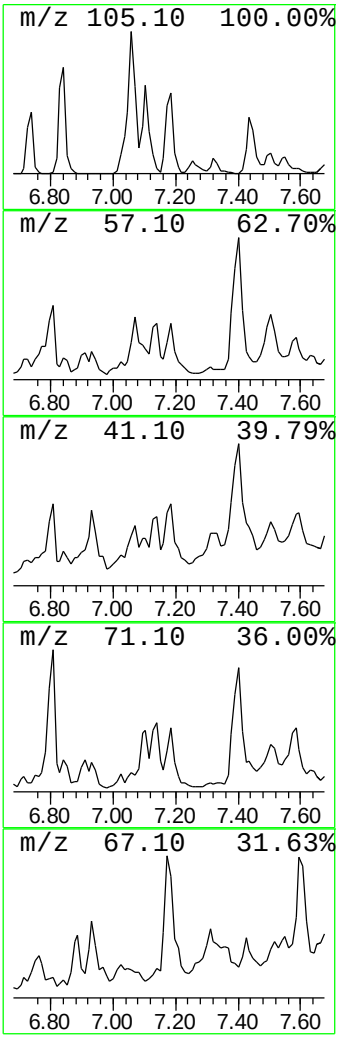
Peak Number 9 unknown7.18 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	40.88 ng	10818200	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononanone, 2-hydroxy-	156	C9H16O2	000496-83-3	27
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
4	2-Decen-1-ol, (Z)-	156	C10H20O	004194-71-2	22
5	Cyclohexanol, 5-methyl-2-(1-meth...	260	C17H24O2	006284-35-1	22





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TIC Library : C:\DATABASE\NIST02.L
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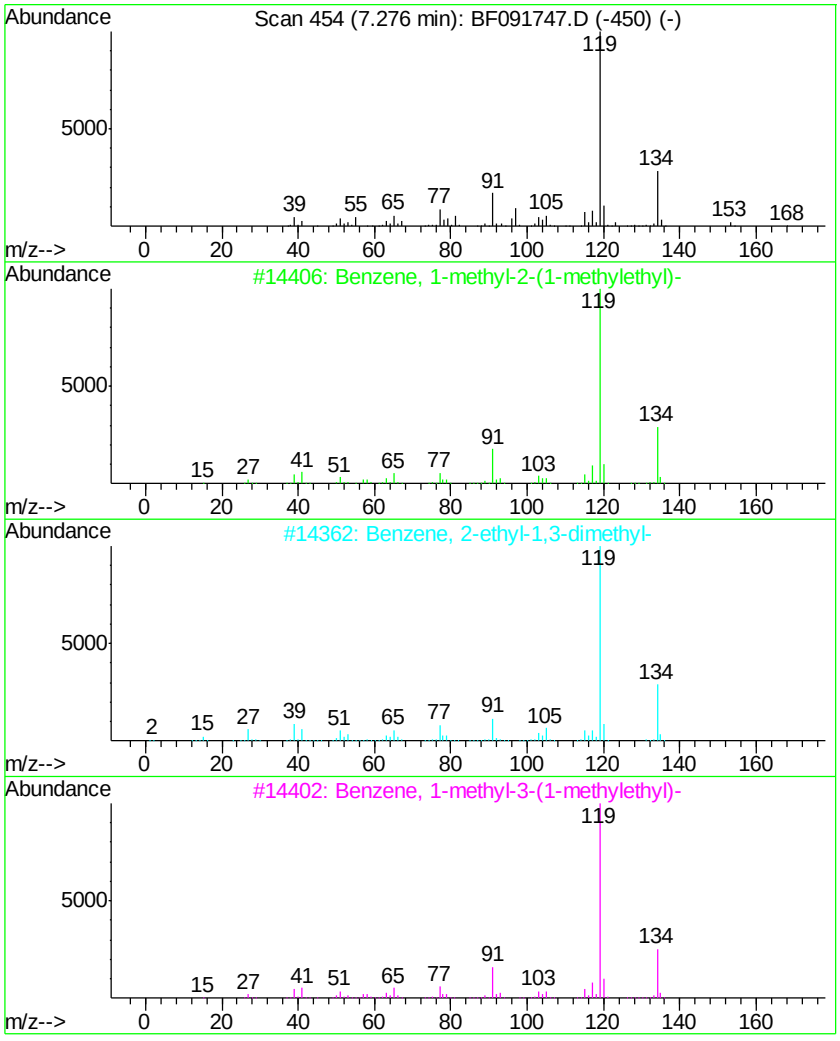
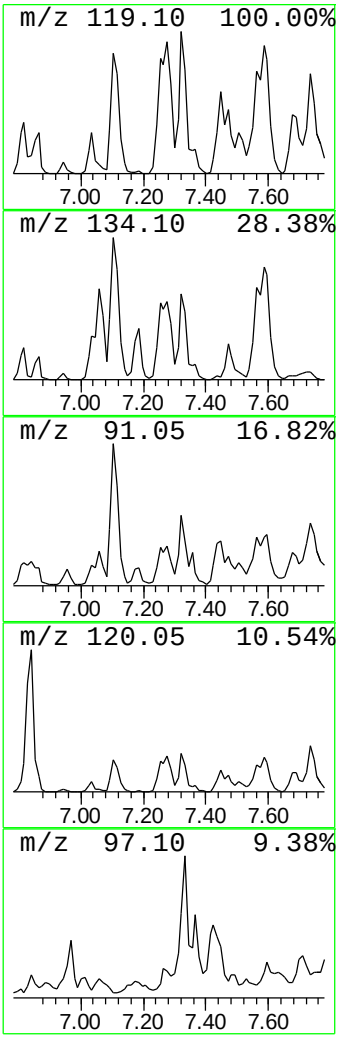
Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	26.48 ng	7006090	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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

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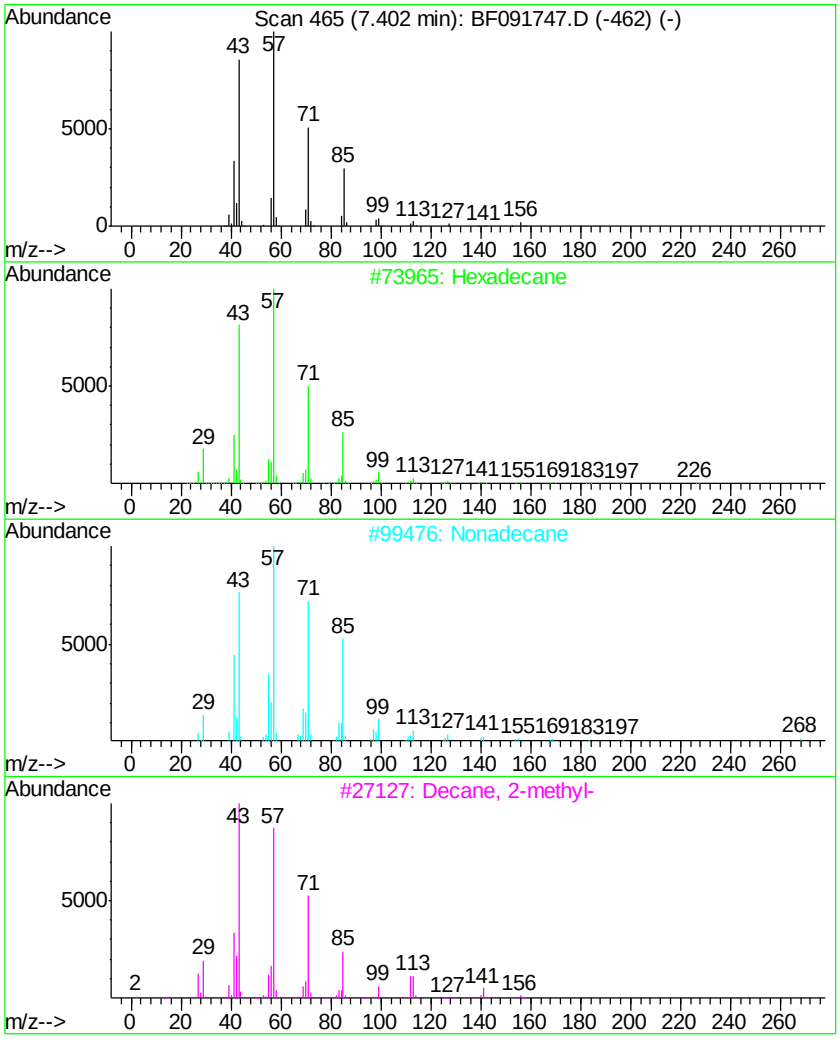
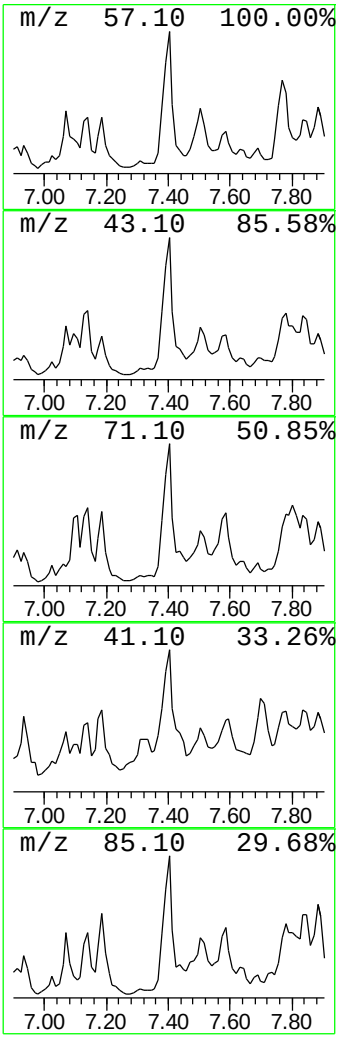
Peak Number 11 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	39.69 ng	10502300	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Nonadecane	268	C19H40	000629-92-5	83
3	Decane, 2-methyl-	156	C11H24	006975-98-0	80
4	Pentadecane	212	C15H32	000629-62-9	78
5	Undecane	156	C11H24	001120-21-4	76





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

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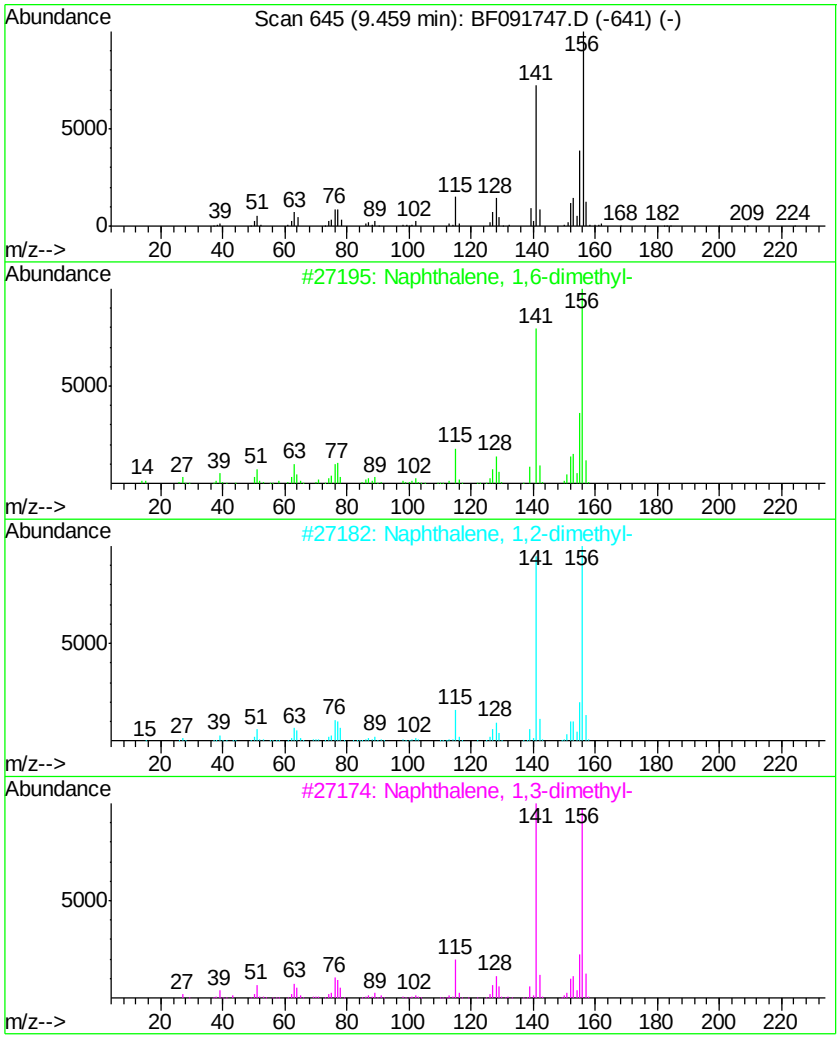
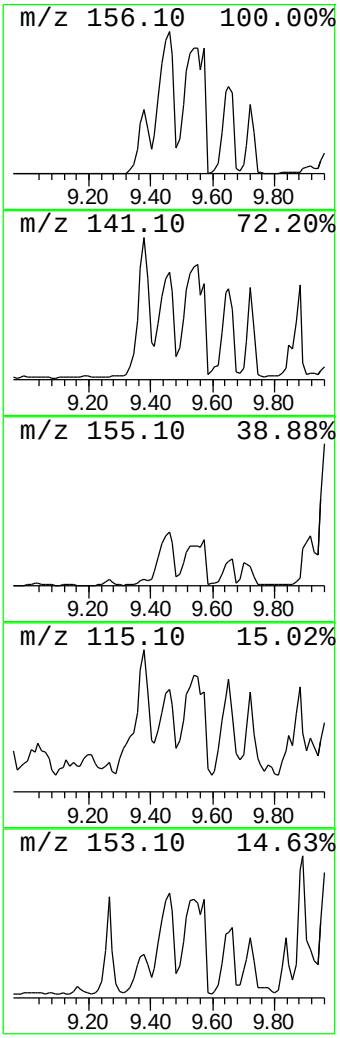
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	51.86 ng	8291740	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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TIC Integration Parameters: LSCINT.P

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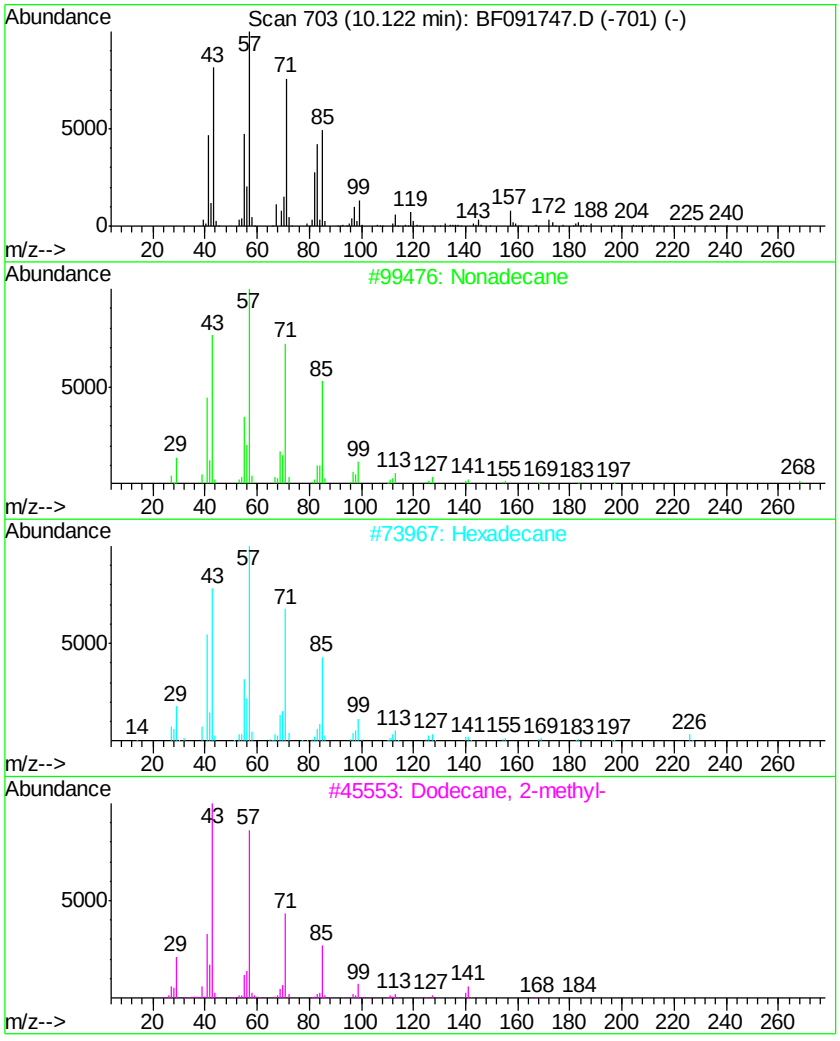
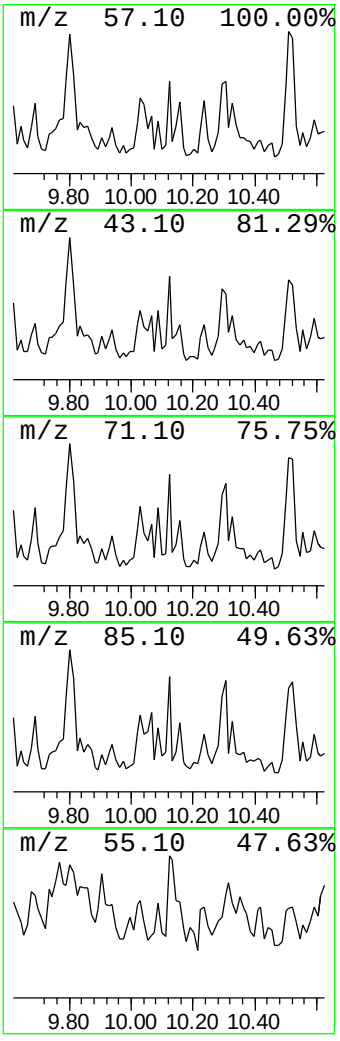
Peak Number 13 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	36.79 ng	5882000	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	Hexadecane	226	C16H34	000544-76-3	53
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50





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

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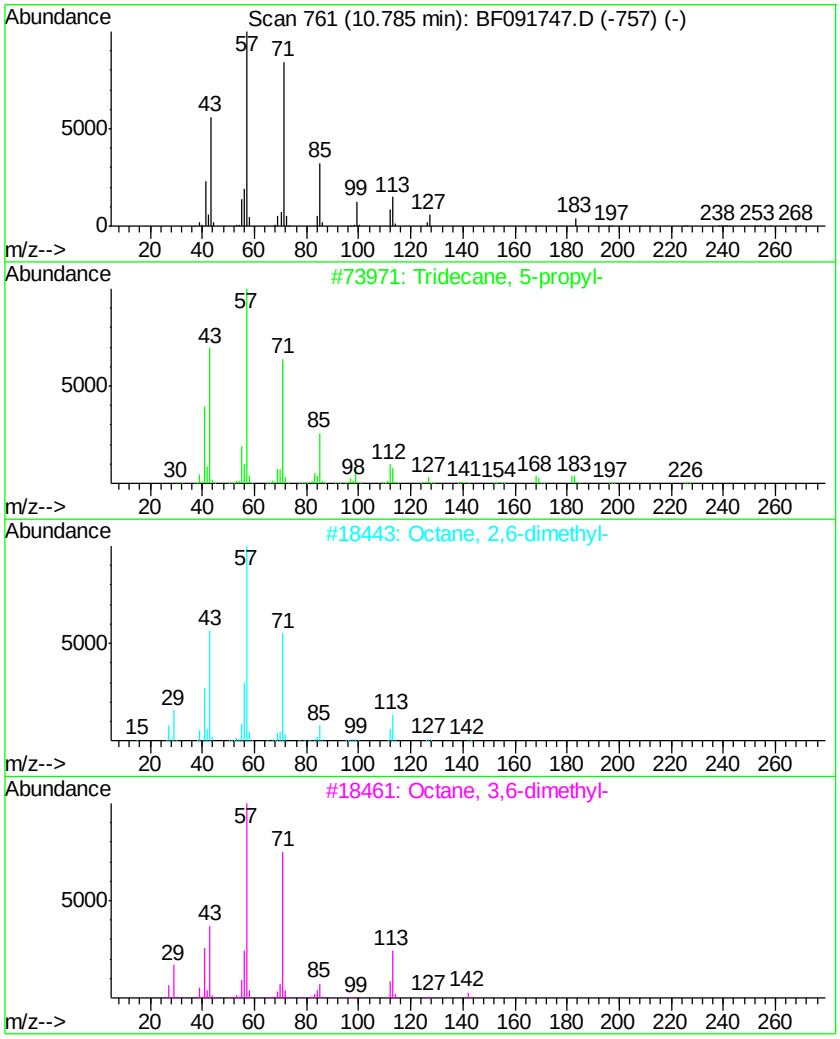
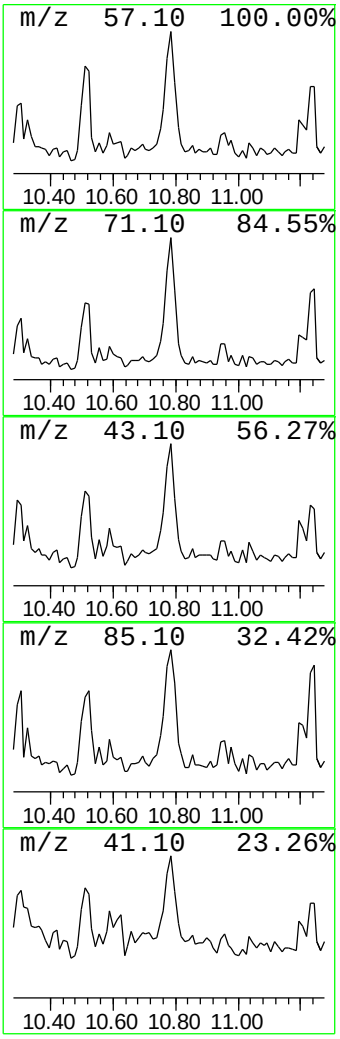
Peak Number 14 Tridecane, 5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	32.54 ng	12493800	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	59





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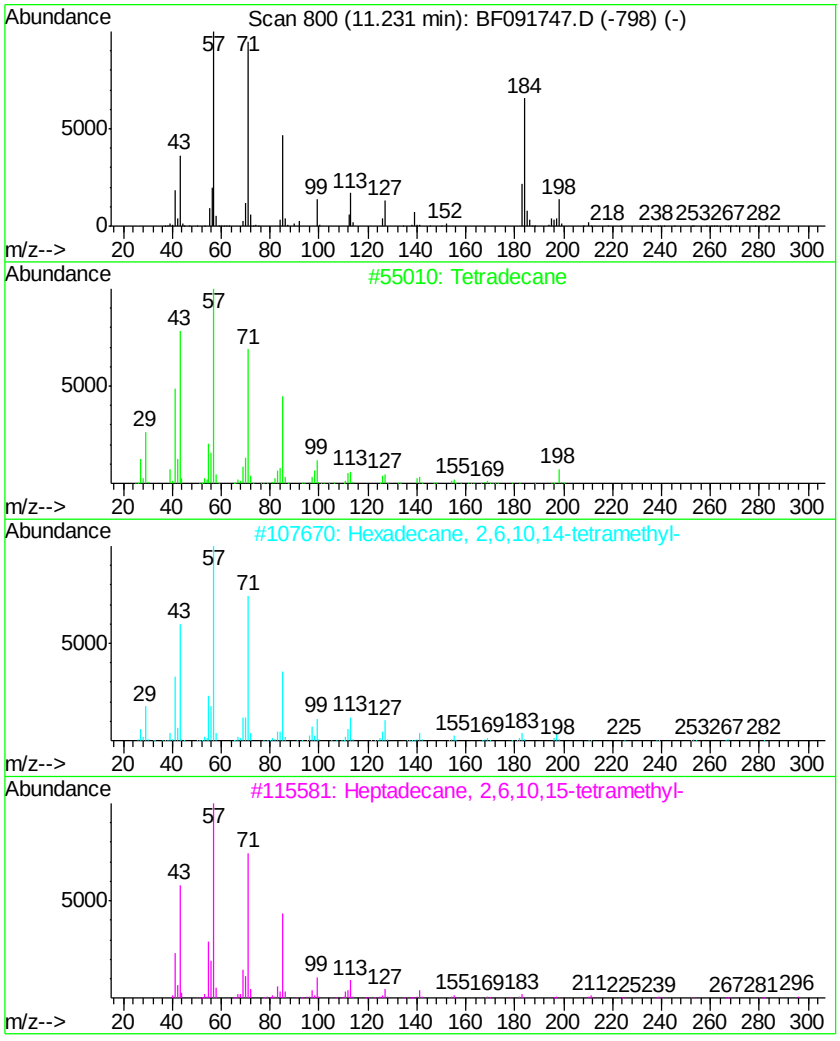
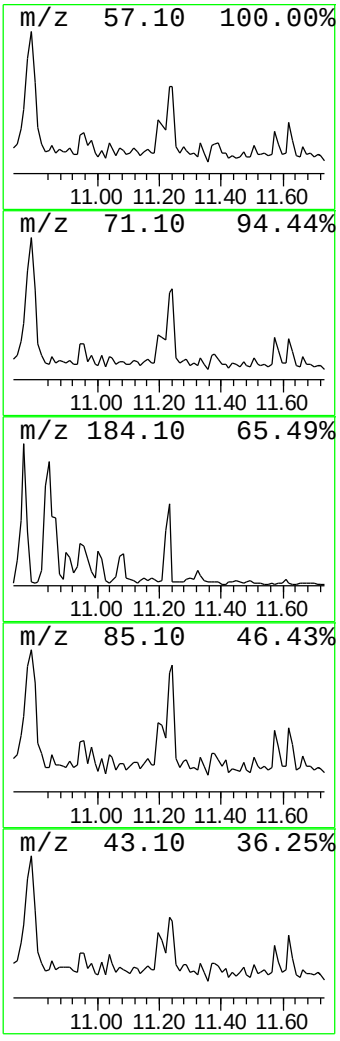
Peak Number 15 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	26.18 ng	10050700	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4	Tetracontane	563	C40H82	004181-95-7	50
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	50





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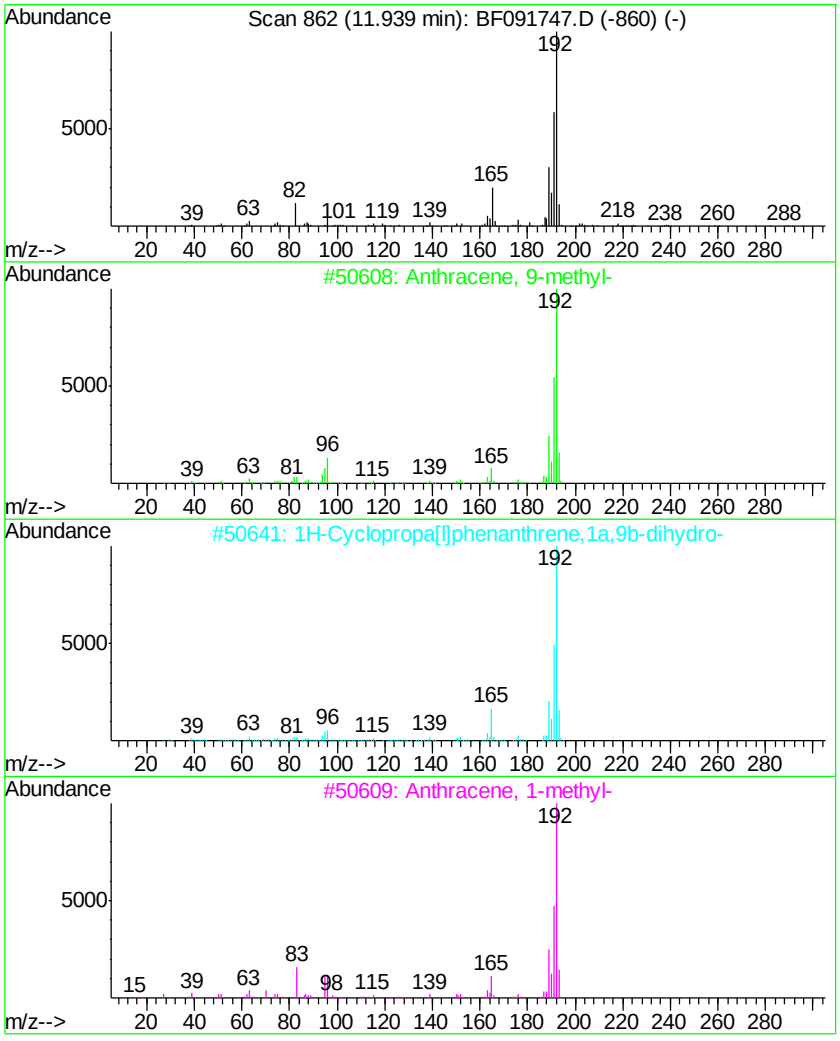
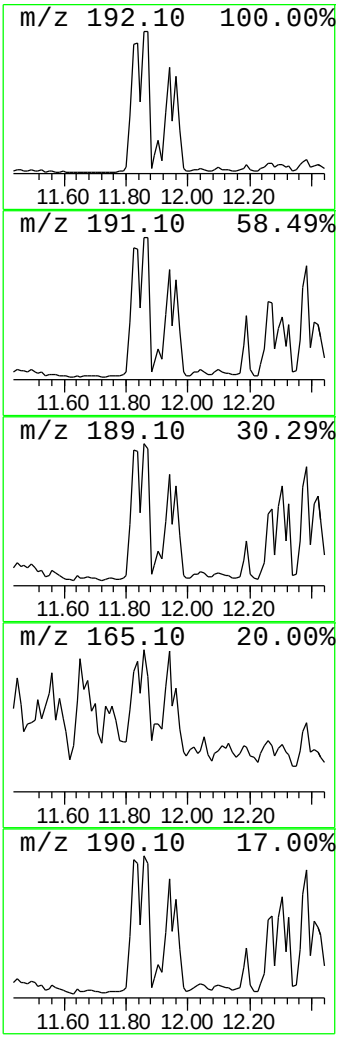
Peak Number 16 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	31.09 ng	11935600	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81





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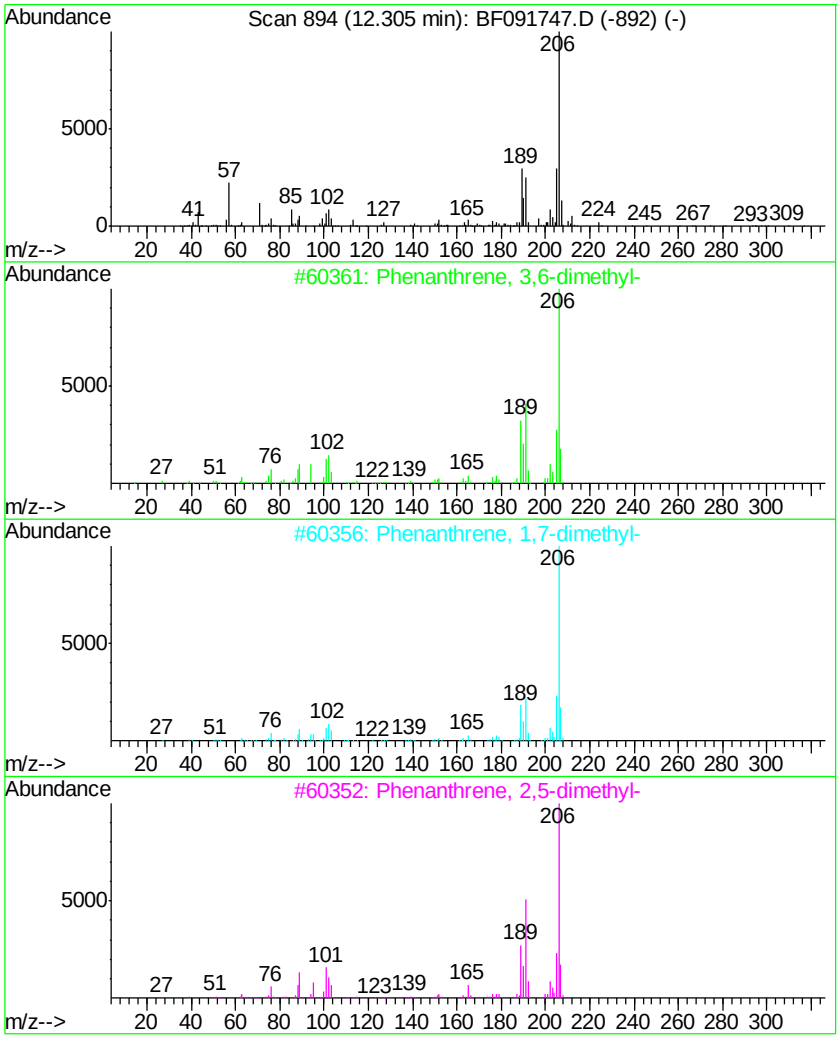
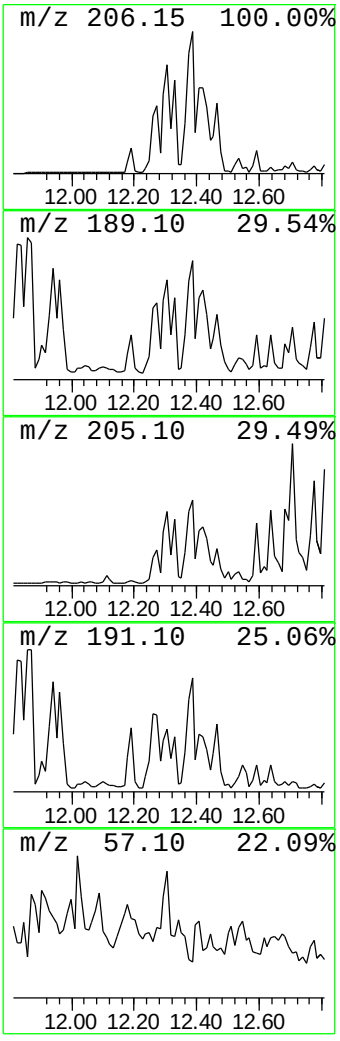
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	24.18 ng	9282220	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72





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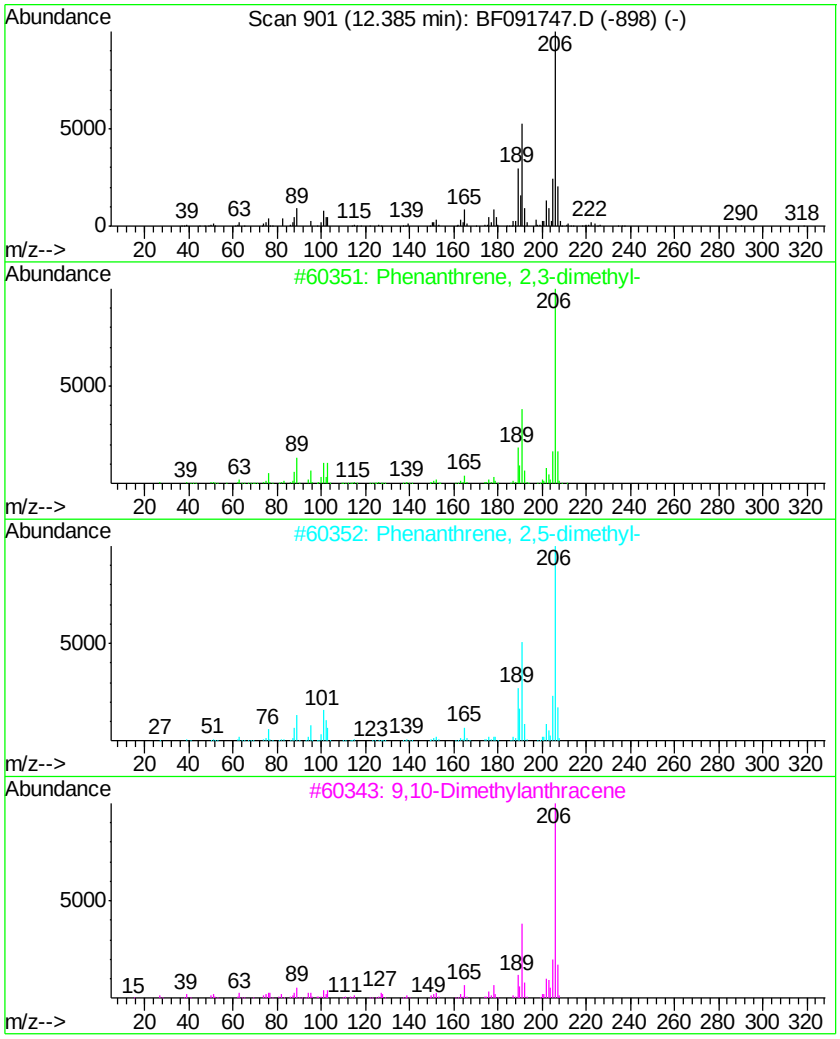
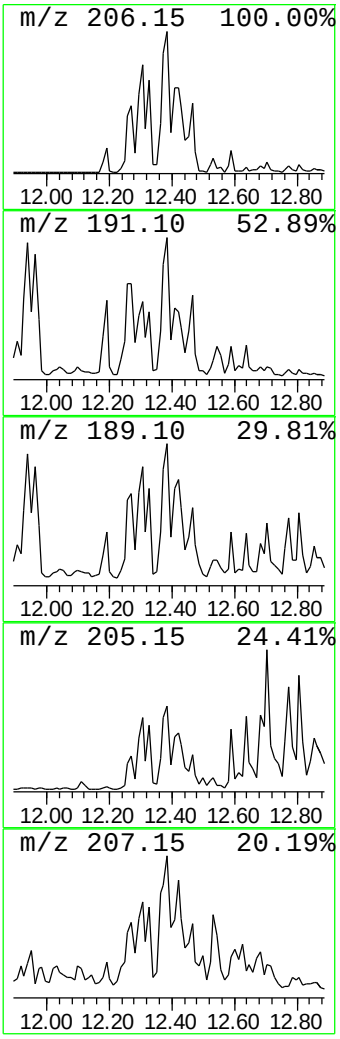
Peak Number 18 Phenanthrene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	24.34 ng	9343220	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-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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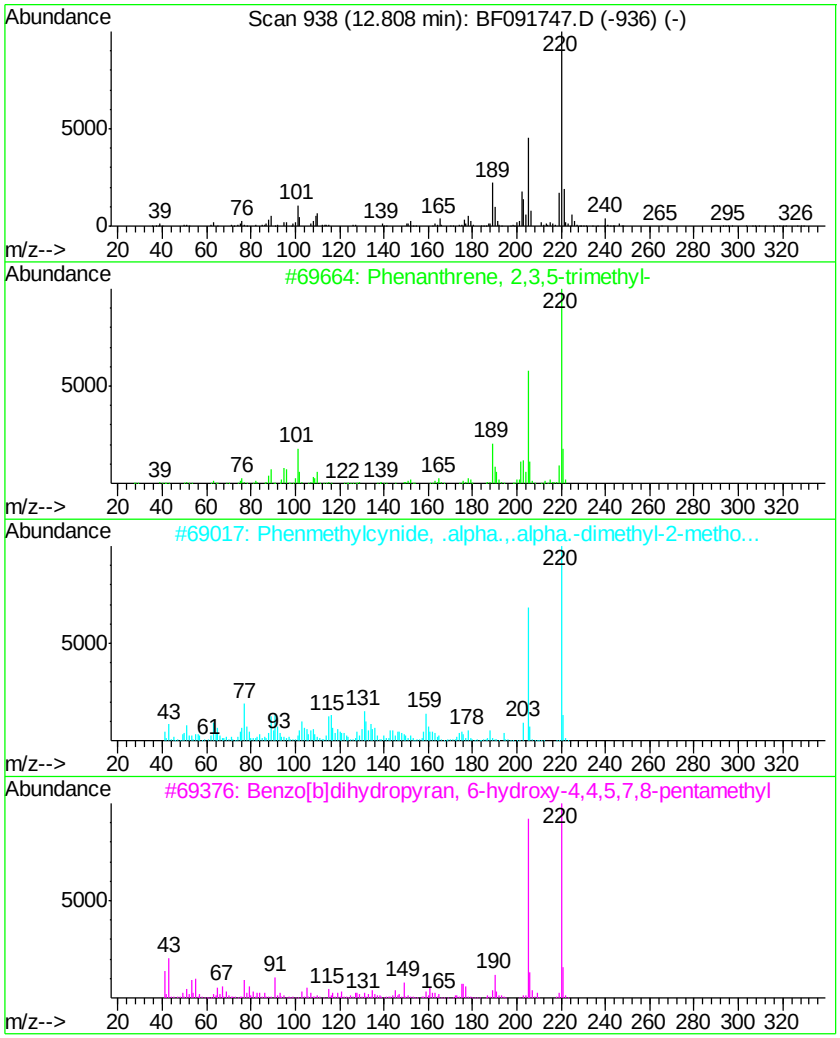
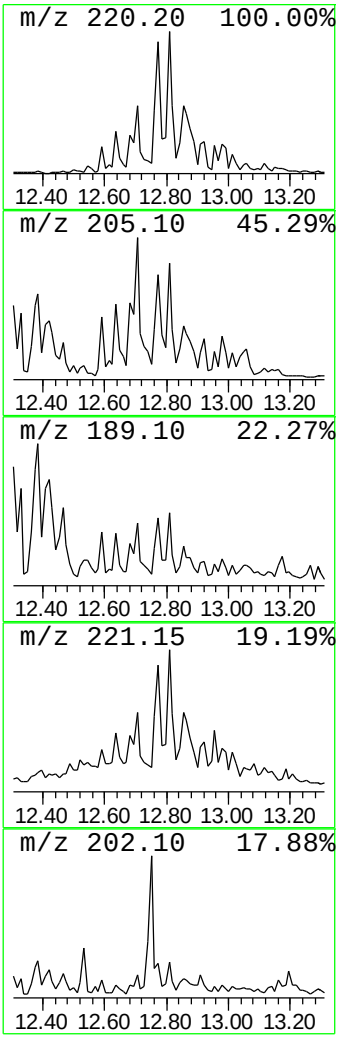
Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	28.79 ng	3449260	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	83
2	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	53
3	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	53
5	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-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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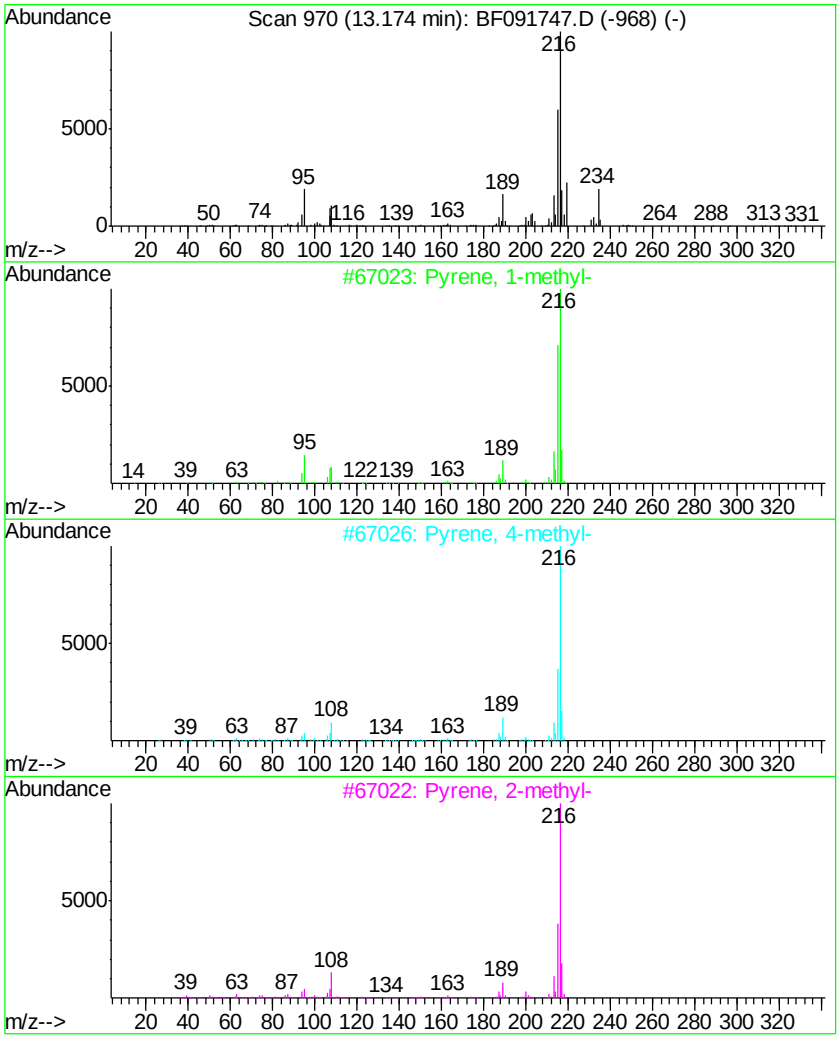
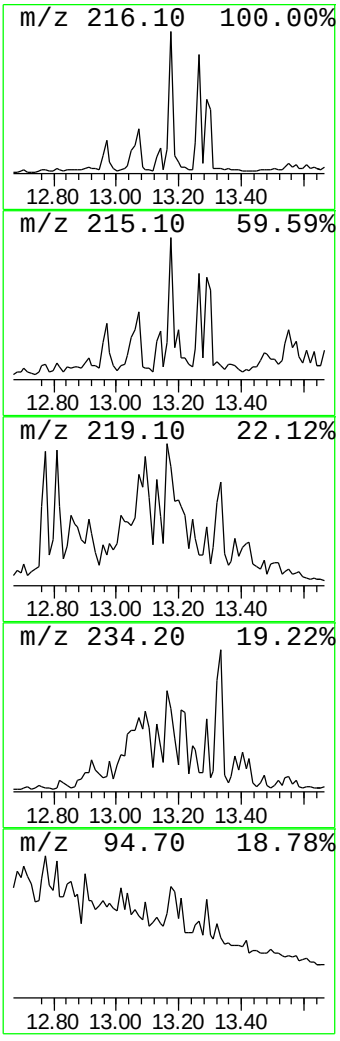
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	27.97 ng	3350730	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-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
unknown6.02	6.02	32.1	ng	8494970	1	6.77	5292330	20.0
Undecane, 5,6-dim...	6.21	24.5	ng	6493970	1	6.77	5292330	20.0
Benzene, 1-ethyl-...	6.29	64.2	ng	16980400	1	6.77	5292330	20.0
unknown6.54	6.54	52.6	ng	13916900	1	6.77	5292330	20.0
Decane	6.62	77.5	ng	20518900	1	6.77	5292330	20.0
Benzene, 1-methyl...	7.06	56.6	ng	14984400	1	6.77	5292330	20.0
Benzene, 1,2-diet...	7.10	29.0	ng	7667940	1	6.77	5292330	20.0
unknown7.18	7.18	40.9	ng	10818200	1	6.77	5292330	20.0
Benzene, 1-methyl...	7.28	26.5	ng	7006090	1	6.77	5292330	20.0
Hexadecane	7.40	39.7	ng	10502300	1	6.77	5292330	20.0
Naphthalene, 1,6-...	9.46	51.9	ng	8291740	3	9.85	3197570	20.0
Nonadecane	10.12	36.8	ng	5882000	3	9.85	3197570	20.0
Tridecane, 5-propyl-	10.78	32.5	ng	12493800	4	11.32	7678030	20.0
Tetradecane	11.23	26.2	ng	10050700	4	11.32	7678030	20.0
Anthracene, 9-met...	11.94	31.1	ng	11935600	4	11.32	7678030	20.0
Phenanthrene, 3,6...	12.31	24.2	ng	9282220	4	11.32	7678030	20.0
Phenanthrene, 2,3...	12.39	24.3	ng	9343220	4	11.32	7678030	20.0
Phenanthrene, 2,3...	12.81	28.8	ng	3449260	5	13.93	2395740	20.0
Pyrene, 1-methyl-	13.17	28.0	ng	3350730	5	13.93	2395740	20.0