LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092363.D
Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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-BF122116.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	2.678	72	78	81	rBV	175115	384451	8.10%	0.306%
2	3.056	106	111	116	rBV2	148622	489147	10.30%	0.389%
3	3.239	123	127	132	rVB	186319	445073	9.37%	0.354%
4	3.456	139	146	150	rBV2	183303	501568	10.56%	0.399%
5	4.541	239	241	245	rVB	375558	510418	10.75%	0.406%
6	4.953	275	277	278	rBV	432210	490974	10.34%	0.391%
7	4.987	278	280	282	rVB	338560	470689	9.91%	0.375%
8	5.067	282	287	291	rVB	613394	952190	20.05%	0.758%
9	5.136	291	293	298	rBV3	334081	723624	15.24%	0.576%
10	5.582	328	332	336	rBV4	180293	499453	10.52%	0.397%
11	5.673	336	340	342	rBV2	564887	849674	17.89%	0.676%
12	5.776	346	349	352	rVB2	584742	776424	16.35%	0.618%
13	5.822	352	353	356	rBV2	245225	397959	8.38%	0.317%
14	5.982	363	367	369	rBV2	986672	1463592	30.82%	1.165%
15	6.027	369	371	374	rBV2	958035	1852782	39.01%	1.474%
16	6.073	374	375	379	rVB	791193	855700	18.02%	0.681%
17	6.130	379	380	383	rBV	694426	1095039	23.06%	0.871%
18	6.233	385	389	391	rVB4	376394	762959	16.07%	0.607%
19	6.279	391	393	394	rBV	274838	393860	8.29%	0.313%
20	6.313	394	396	401	rVB2	921973	1220068	25.69%	0.971%
21	6.485	407	411	414	rBV4	397147	1038896	21.88%	0.827%
22	6.542	414	416	417	rBV	1154728	947360	19.95%	0.754%
23	6.576	417	419	420	rVB	1250703	1176069	24.76%	0.936%
24	6.610	420	422	426	rBV3	369718	864860	18.21%	0.688%
25	6.702	426	430	434	rVB3	1353334	3655553	76.98%	2.909%
26	6.805	434	439	440	rBV3	990827	1673284	35.23%	1.331%
27	6.839	440	442	444	rVB	580920	829350	17.46%	0.660%
28	6.873	444	445	446	rVB	1035246	709661	14.94%	0.565%
29	6.907	446	448	449	rBV	923151	998144	21.02%	0.794%
30	6.953	449	452	455	rVB2	756080	1134089	23.88%	0.902%
31	6.999	455	456	460	rVB4	314604	484720	10.21%	0.386%
32	7.090	460	464	471	rBV4	1618471	4012979	84.50%	3.193%
33	7.205	471	474	476	rBV4	667703	972691	20.48%	0.774%
34	7.273	476	480	482	rBV2	637496	1099549	23.15%	0.875%

LSC Area Percent Report

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Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.330	482	485	486	rVB2	1210282	1428240	30.07%	1.136%
36	7.353	486	487	490	rVB	1470206	1375706	28.97%	1.095%
37	7.410	490	492	494	rVB2	411560	613041	12.91%	0.488%
38	7.467	494	497	499	rBV4	1245932	2378675	50.09%	1.893%
39	7.536	502	503	505	rVB2	683380	744007	15.67%	0.592%
40	7.570	505	506	508	rBV2	1010997	1222678	25.75%	0.973%
41	7.616	508	510	512	rVB3	650541	1012557	21.32%	0.806%
42	7.650	512	513	516	rBV2	795546	1335390	28.12%	1.063%
43	7.719	516	519	523	rBV3	698464	1438303	30.29%	1.144%
44	7.833	523	529	531	rBV3	2431696	4335220	91.29%	3.450%
45	7.868	531	532	535	rVB3	552772	941374	19.82%	0.749%
46	7.925	535	537	540	rVB2	2318269	2834259	59.68%	2.255%
47	7.970	540	541	542	rVB	765072	524457	11.04%	0.417%
48	8.028	542	546	547	rBV4	676793	1527582	32.17%	1.215%
49	8.142	550	556	557	rBV4	1318774	3172664	66.81%	2.524%
50	8.176	557	559	560	rVB	630988	733920	15.45%	0.584%
51	8.199	560	561	562	rBV	694500	671851	14.15%	0.535%
52	8.233	562	564	566	rVB2	670858	835930	17.60%	0.665%
53	8.279	566	568	572	rBV2	2827307	4321659	91.00%	3.439%
54	8.382	576	577	580	rVB3	371918	489448	10.31%	0.389%
55	8.462	580	584	585	rBV3	681679	1451044	30.55%	1.155%
56	8.542	589	591	593	rVB	1361172	1993137	41.97%	1.586%
57	8.576	593	594	596	rBV2	488890	870150	18.32%	0.692%
58	8.610	596	597	598	rBV	375727	406448	8.56%	0.323%
59	8.645	598	600	605	rVB4	998380	1989136	41.89%	1.583%
60	8.759	605	610	611	rBV4	922688	2100609	44.23%	1.671%
61	8.828	614	616	617	rVB2	579851	763725	16.08%	0.608%
62	8.873	617	620	623	rBV	2275677	4748967	100.00%	3.779%
63	8.999	628	631	632	rBV3	735594	1150544	24.23%	0.915%
64	9.022	632	633	634	rBV	722920	529410	11.15%	0.421%
65	9.056	634	636	638	rBV2	756430	898566	18.92%	0.715%
66	9.125	640	642	644	rVB3	550471	803881	16.93%	0.640%
67	9.171	644	646	650	rBV3	972932	2213330	46.61%	1.761%
68	9.251	651	653	654	rBV	1241875	1154462	24.31%	0.919%
69	9.296	656	657	658	rVB	1177625	807851	17.01%	0.643%
70	9.331	658	660	662	rBV	3362385	3565057	75.07%	2.837%
71	9.445	668	670	673	rBV3	509374	1194784	25.16%	0.951%

LSC Area Percent Report

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Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.491	673	674	677	rVB3	690150	788215	16.60%	0.627%
73	9.582	679	682	684	rBV3	1455280	2167701	45.65%	1.725%
74	9.696	689	692	694	rVB2	899051	1615881	34.03%	1.286%
75	9.742	694	696	697	rBV2	205140	383740	8.08%	0.305%
76	9.799	698	701	702	rVV2	1177634	1930770	40.66%	1.536%
77	9.833	702	704	705	rVV	1133977	972941	20.49%	0.774%
78	9.856	705	706	709	rVB2	1112119	1075329	22.64%	0.856%
79	9.902	709	710	712	rBV	956124	1337933	28.17%	1.065%
80	9.982	716	717	719	rVV2	832124	1079101	22.72%	0.859%
81	10.085	721	726	728	rVB4	445097	993904	20.93%	0.791%
82	10.131	728	730	731	rBV2	309033	515172	10.85%	0.410%
83	10.153	731	732	734	rVV2	609030	840671	17.70%	0.669%
84	10.188	734	735	739	rVV4	611308	908863	19.14%	0.723%
85	10.256	739	741	742	rVV2	2521748	2723032	57.34%	2.167%
86	10.371	746	751	753	rBV3	659938	1459064	30.72%	1.161%
87	10.519	761	764	766	rBV	3383655	3970337	83.60%	3.159%
88	10.576	766	769	770	rVB3	244666	374754	7.89%	0.298%
89	10.702	779	780	781	rBV	817507	631468	13.30%	0.502%
90	10.976	802	804	807	rVB	1718401	2389880	50.32%	1.902%
91	11.056	810	811	812	rBV	588389	451853	9.51%	0.360%
92	11.331	833	835	838	rVB	462959	660645	13.91%	0.526%
93	11.559	853	855	856	rVV	401733	415607	8.75%	0.331%
94	11.582	856	857	860	rVB	325049	454263	9.57%	0.361%
95	11.662	862	864	870	rVB4	347661	1067705	22.48%	0.850%
96	12.039	895	897	901	rVB3	241440	590186	12.43%	0.470%
97	12.108	901	903	905	rBV	378140	508902	10.72%	0.405%
98	12.634	948	949	954	rVB	479983	613111	12.91%	0.488%
99	13.685	1039	1041	1043	rBV	701514	736883	15.52%	0.586%
100	15.034	1157	1159	1162	rBV	607532	707207	14.89%	0.563%

Sum of corrected areas: 125676029

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
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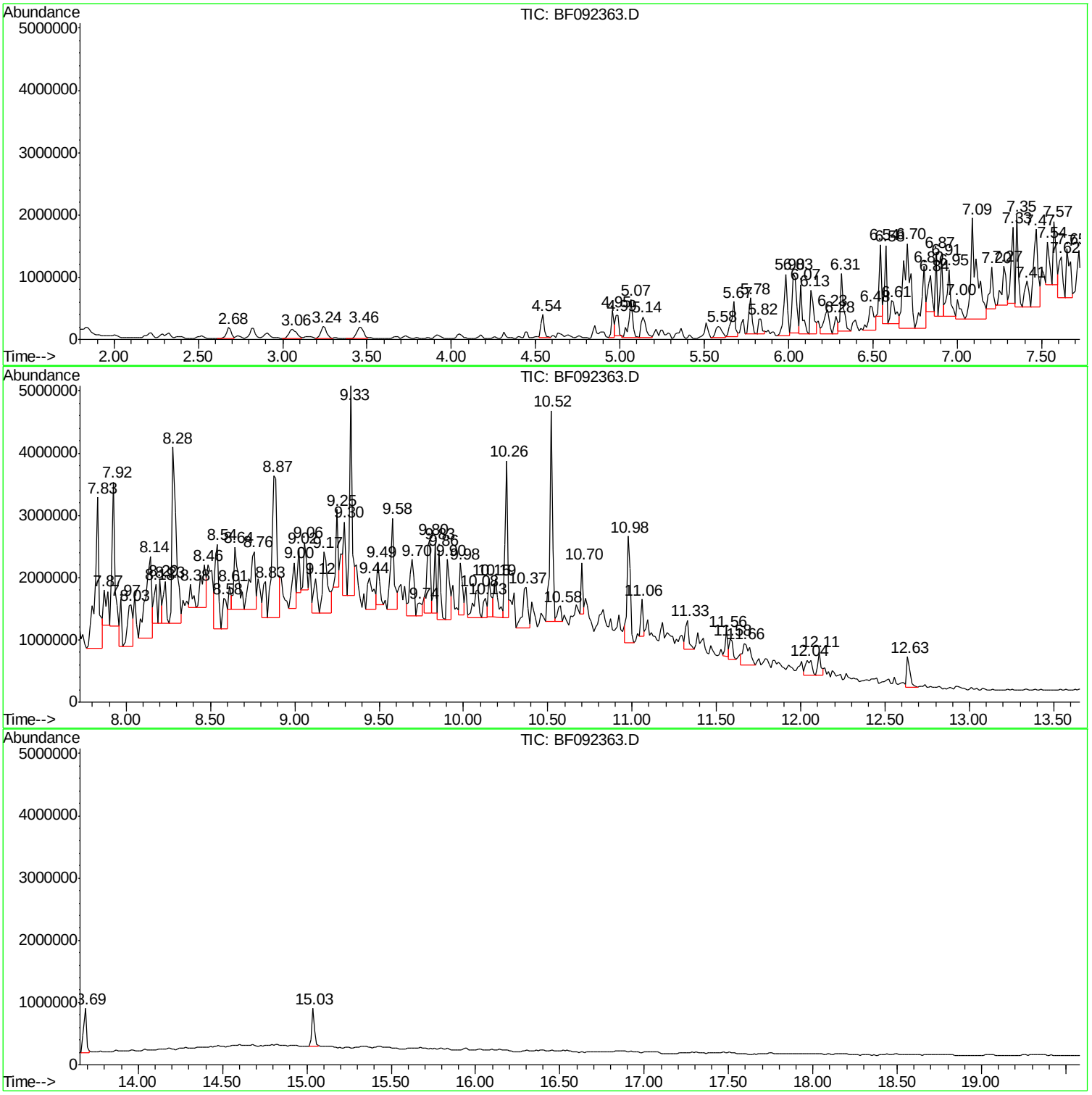
Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF011817\
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Misc :
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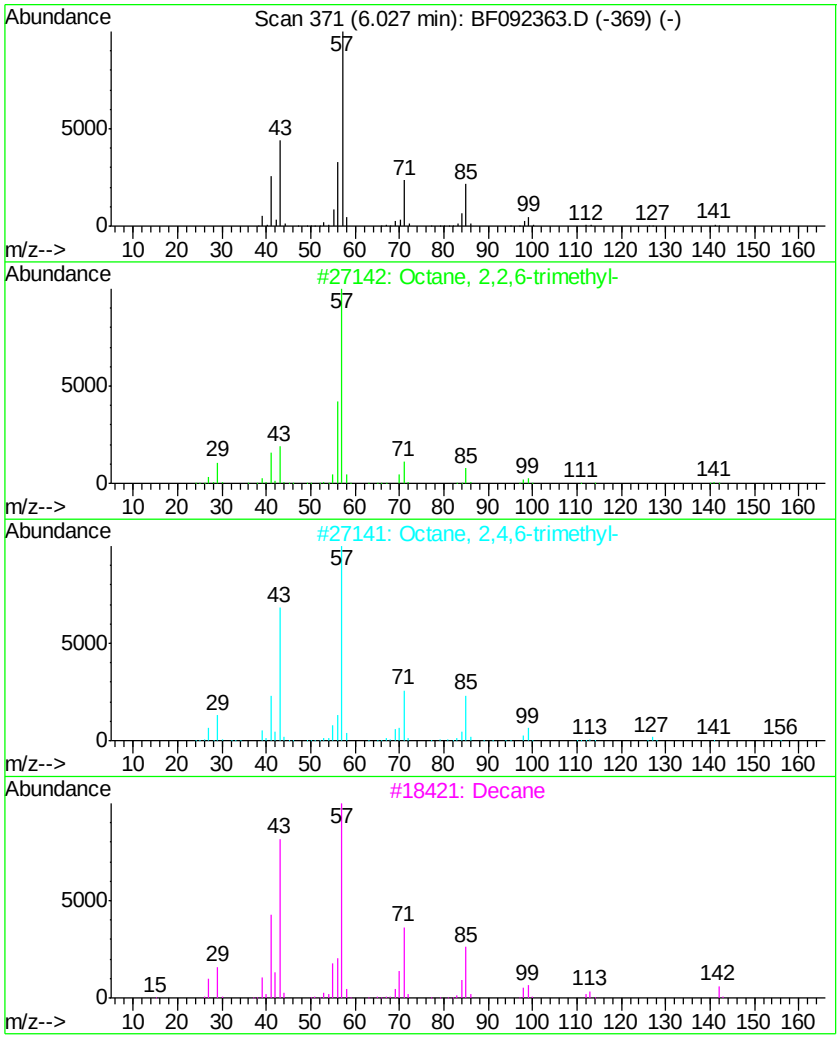
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

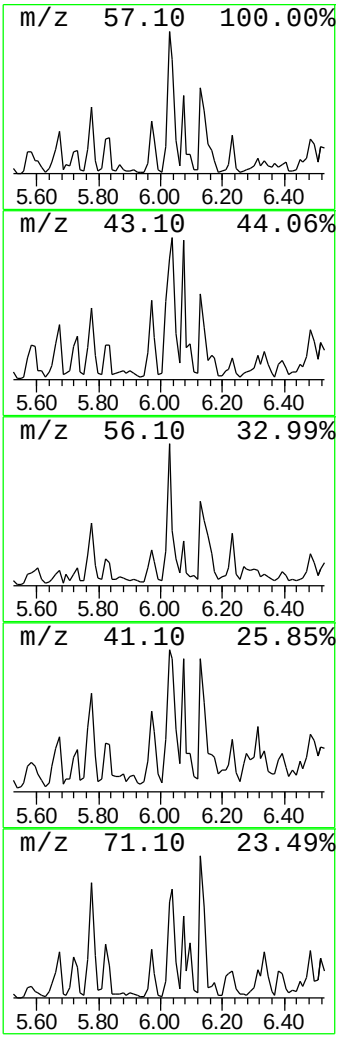
****

Peak Number 2 Octane, 2,2,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	39.11 ng	1852780	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	56
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	56
3	Decane	142	C10H22	000124-18-5	53
4	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	53
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50





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Data File : BF092363.D
Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

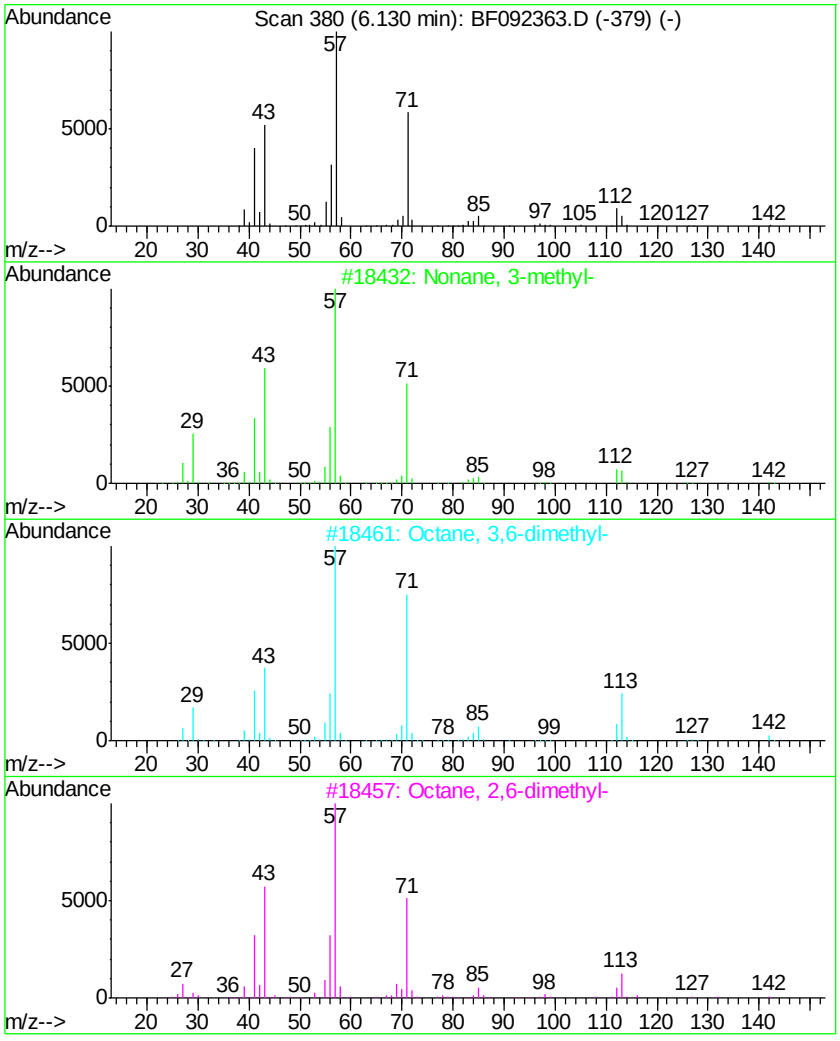
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

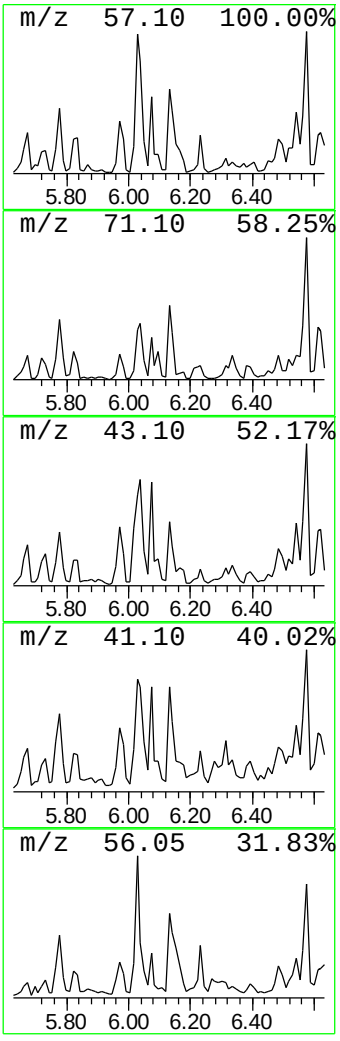
****

Peak Number 3 Nonane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	23.12 ng	1095040	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





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Sample : I1271-01 5X
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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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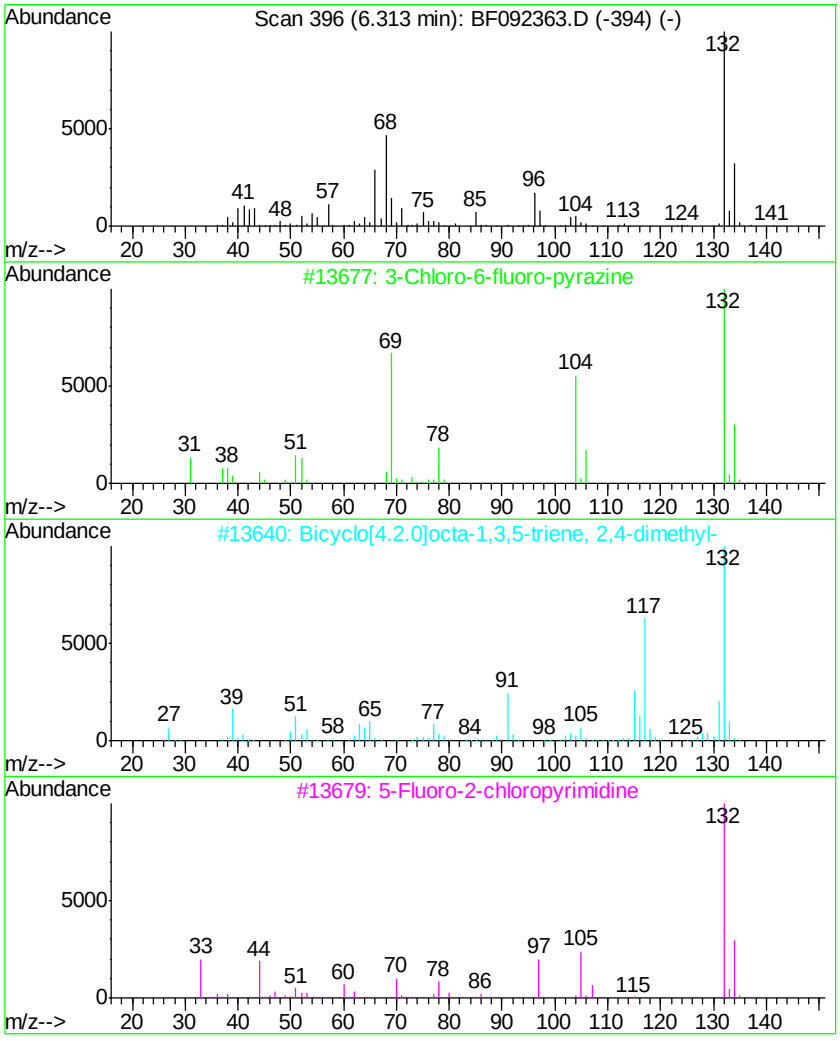
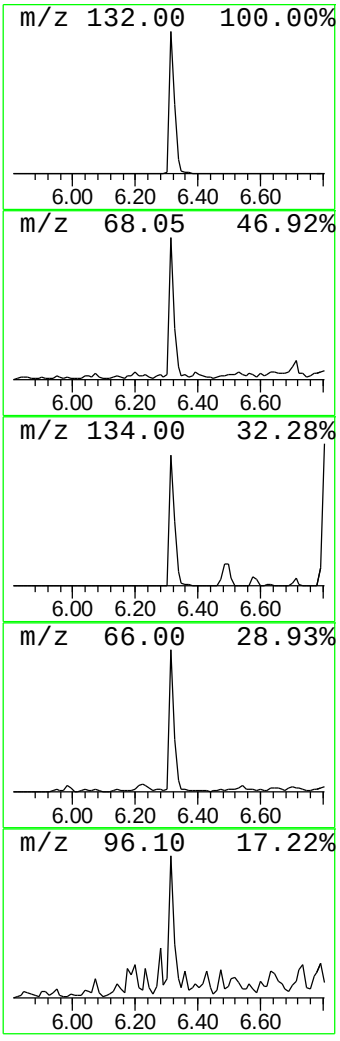
Peak Number 4 unknown6.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	25.76 ng	1220070	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

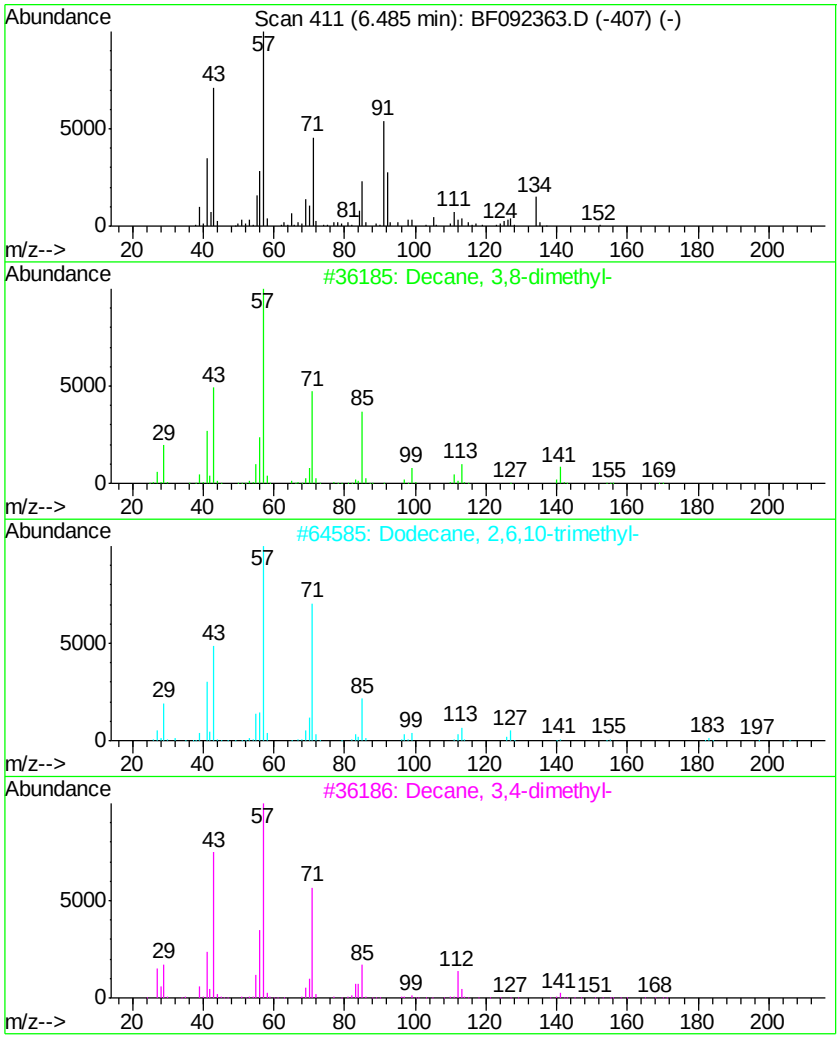
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

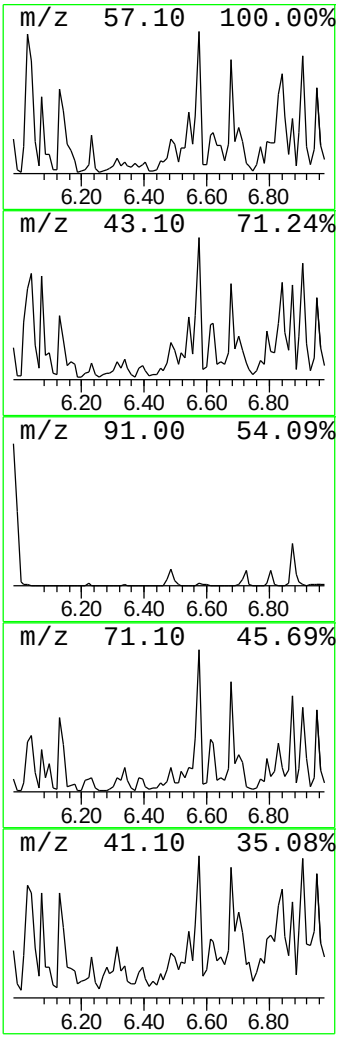
****

Peak Number 5 Decane, 3,8-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	21.93 ng	1038900	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
3	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	50
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092363.D
Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

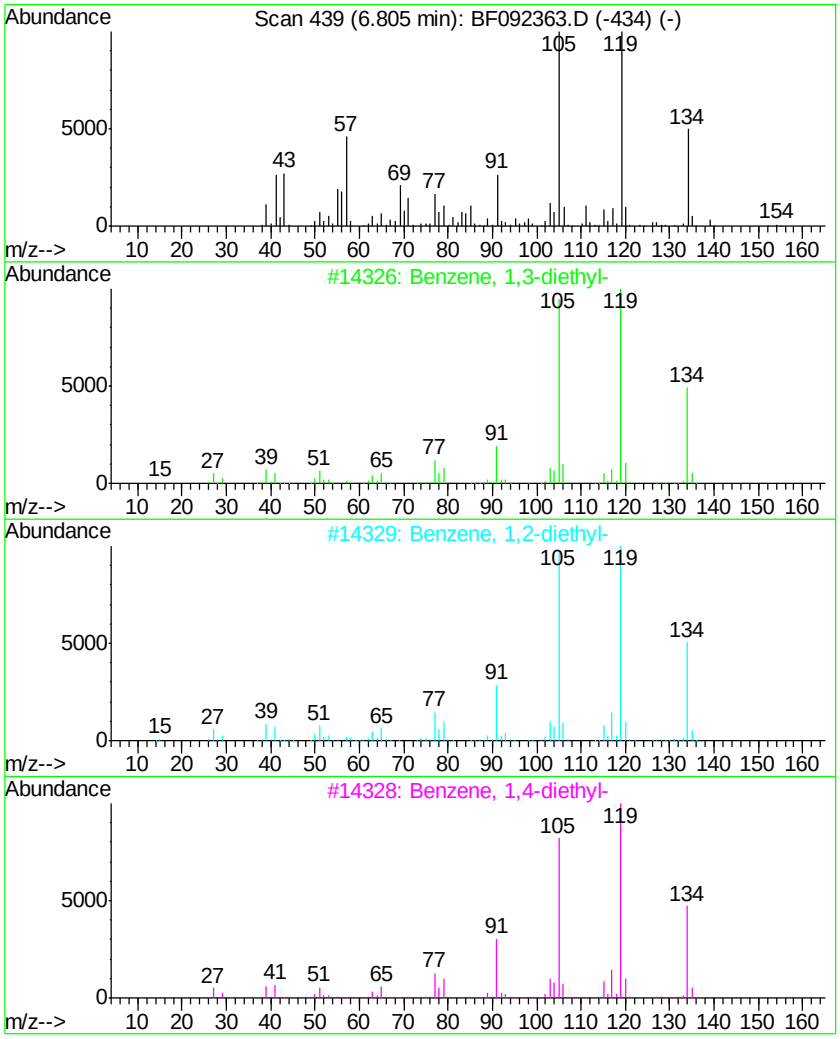
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

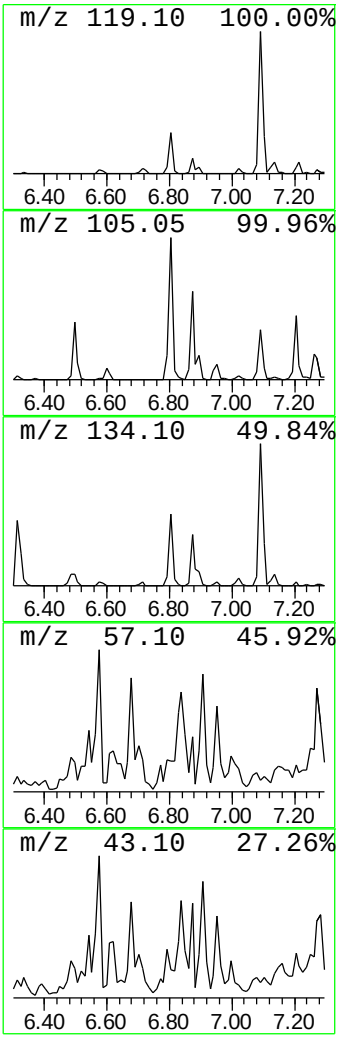
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	35.33 ng	1673280	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092363.D
Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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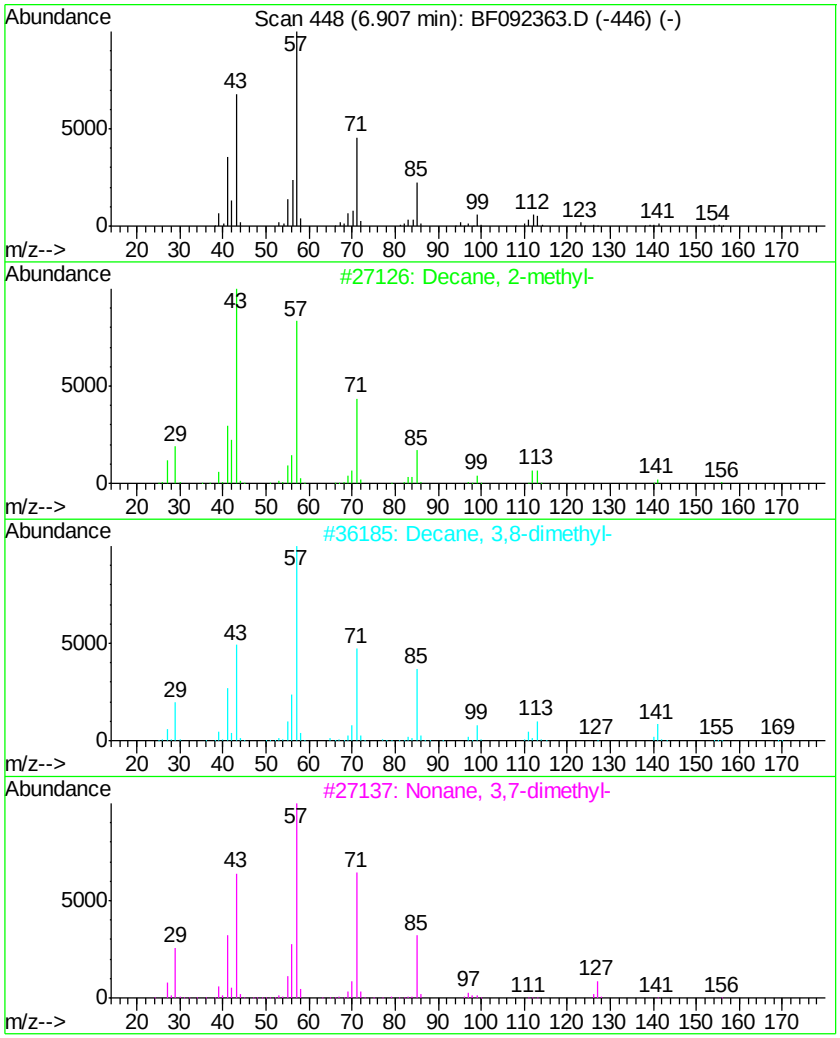
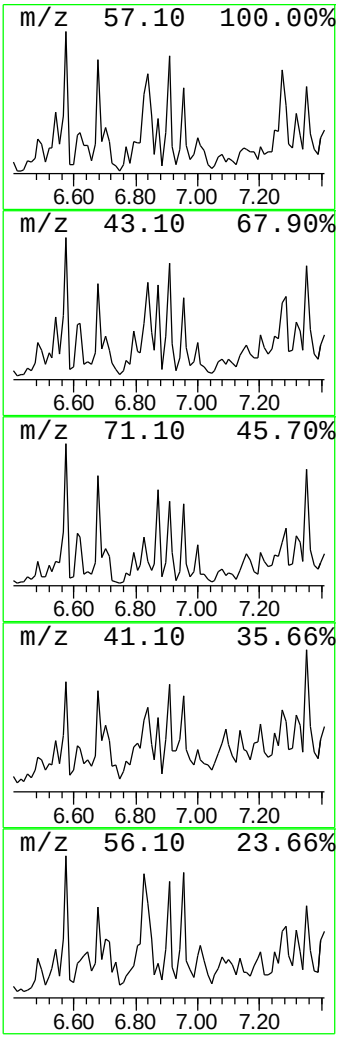
Peak Number 8 Decane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	21.07 ng	998144	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	59





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Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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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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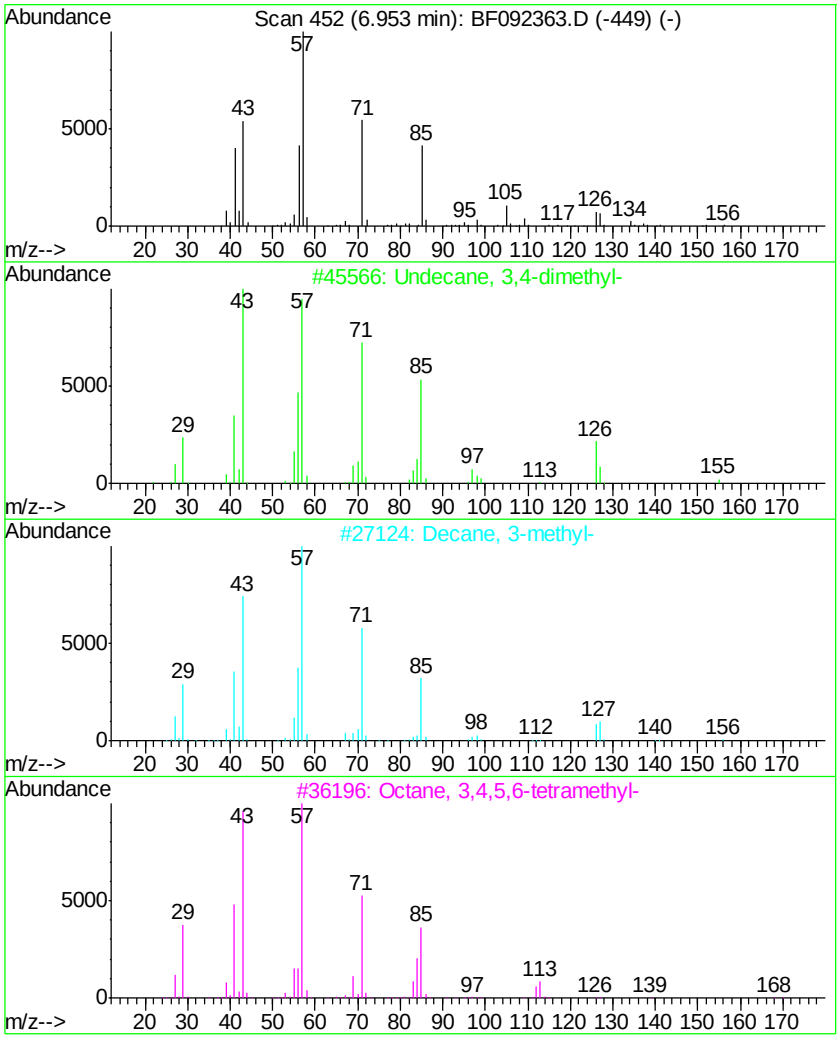
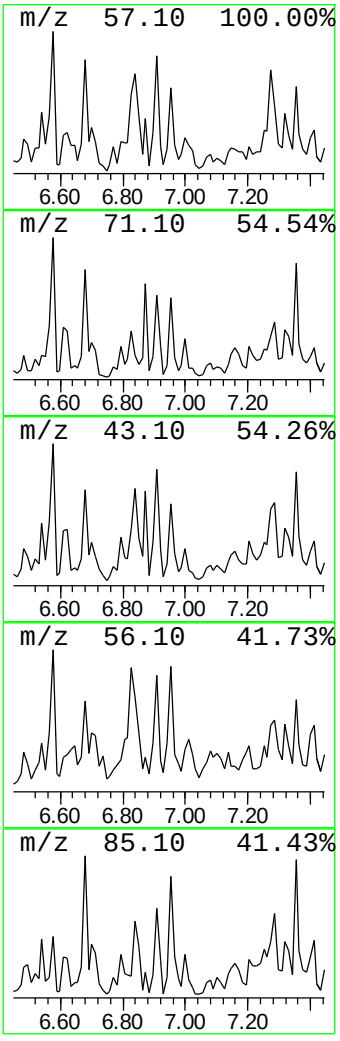
Peak Number 9 Undecane, 3,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	23.94 ng	1134090	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	59
2	Decane, 3-methyl-	156	C11H24	013151-34-3	52
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	50





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Instrument : BNA_F
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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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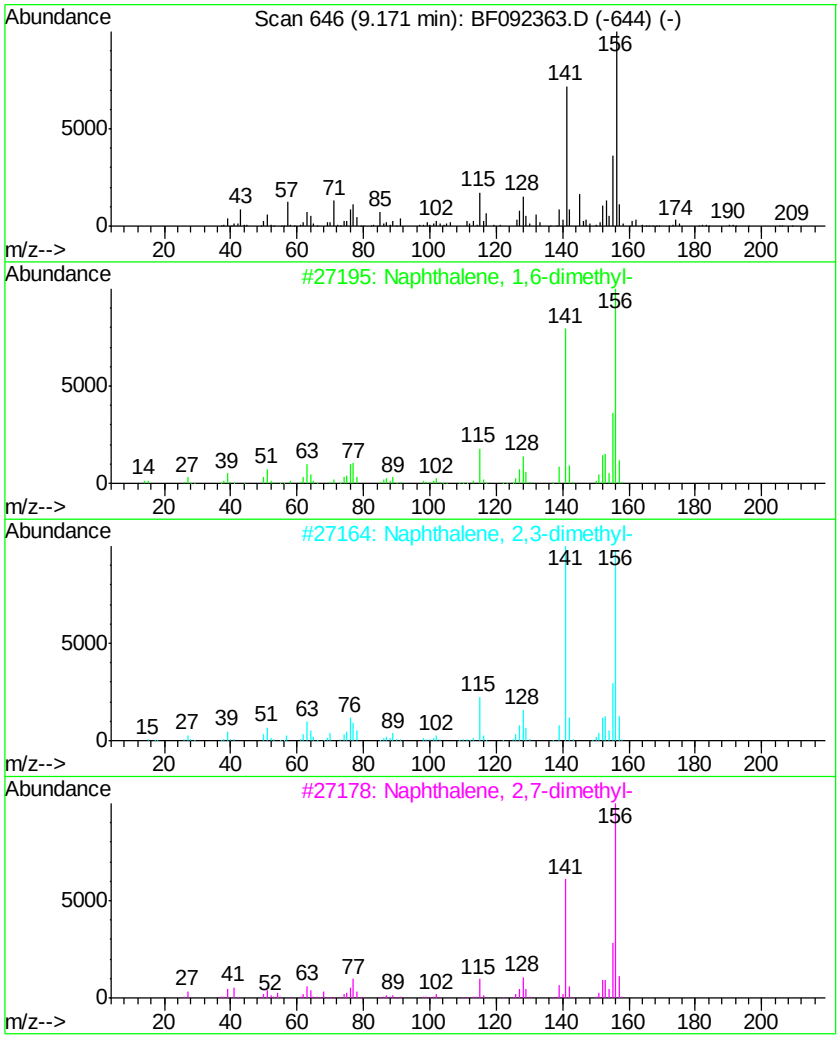
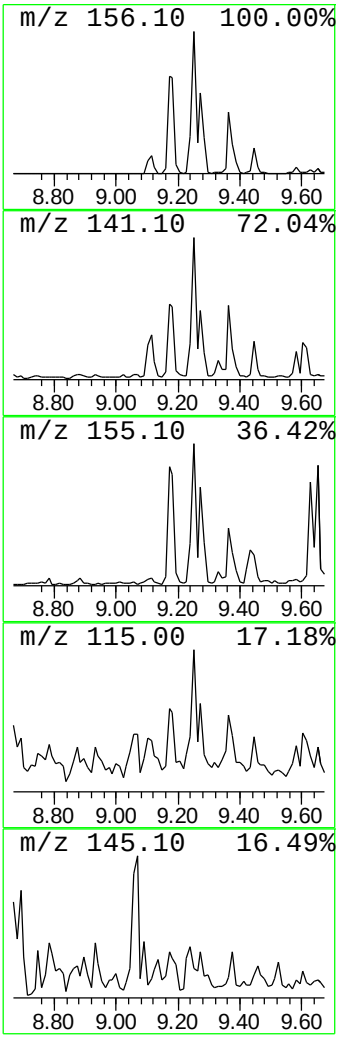
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	20.42 ng	2213330	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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

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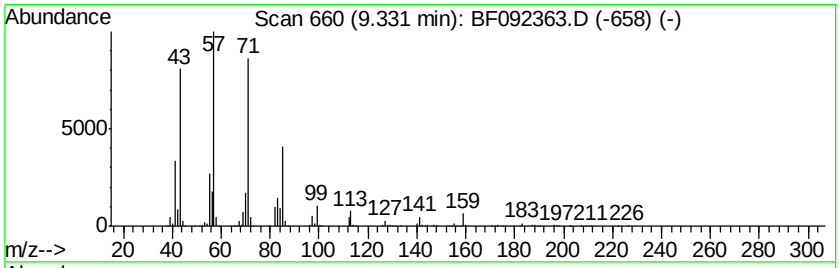
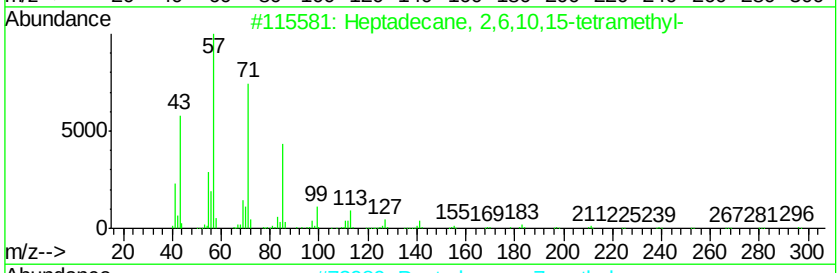
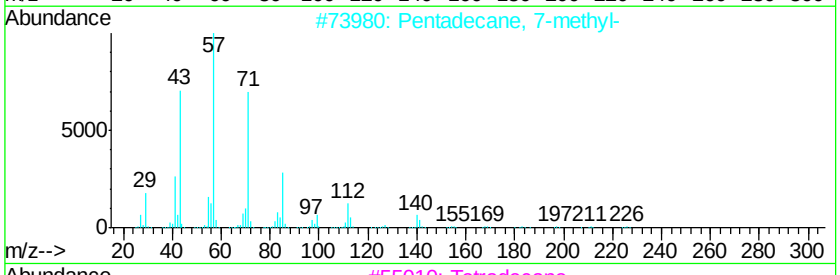
Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

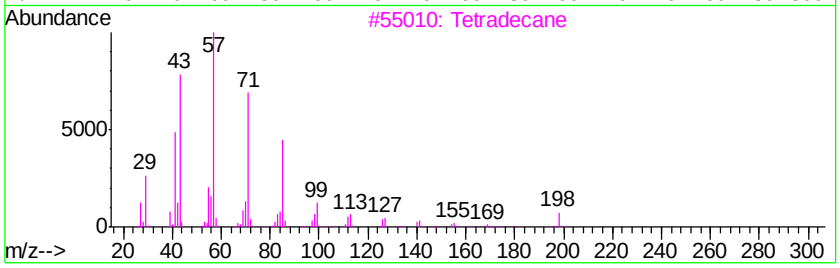
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	32.89 ng	3565060	Acenaphthene-d10	9.58

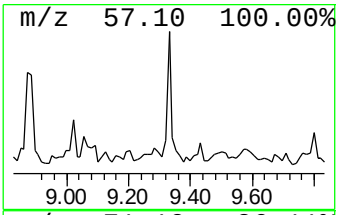
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
3	Tetradecane	198	C14H30	000629-59-4	78
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	70

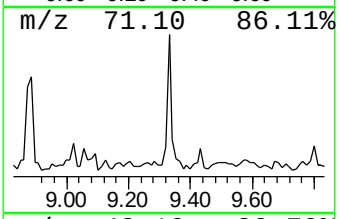


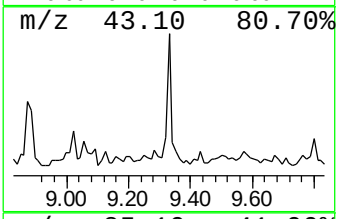


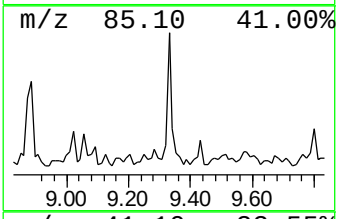


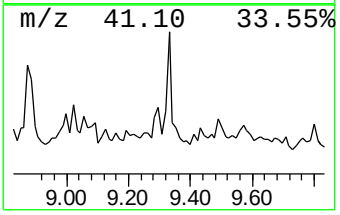












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Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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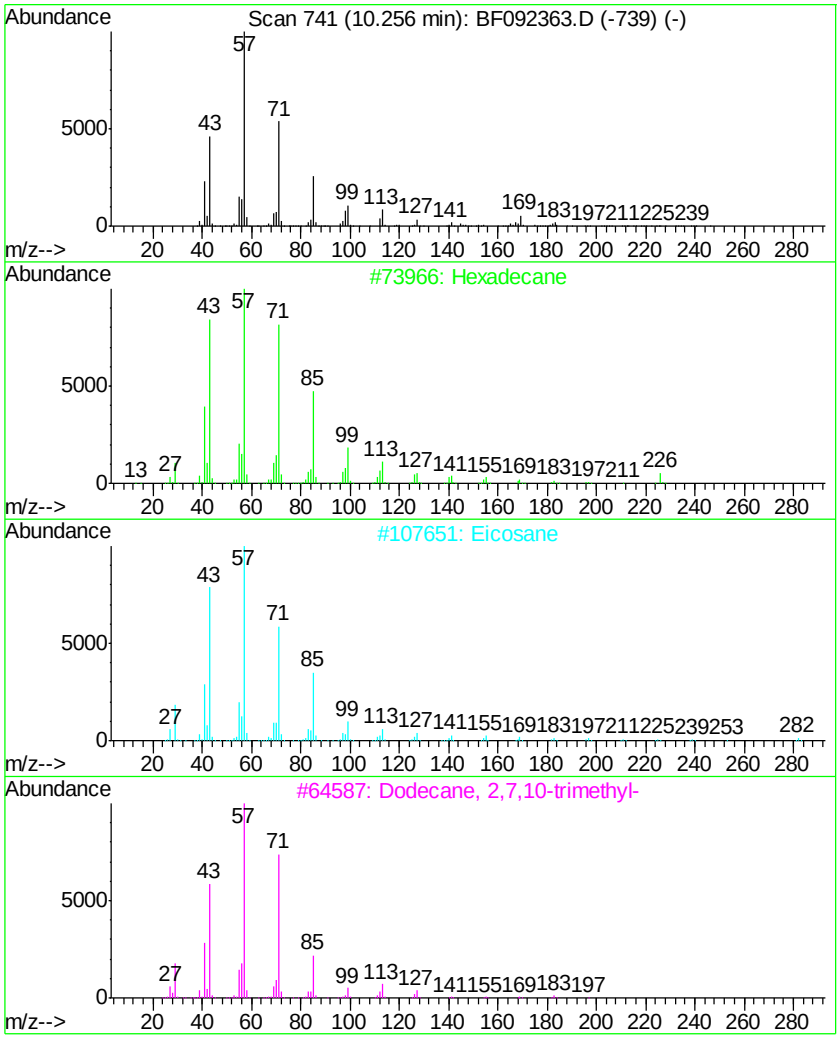
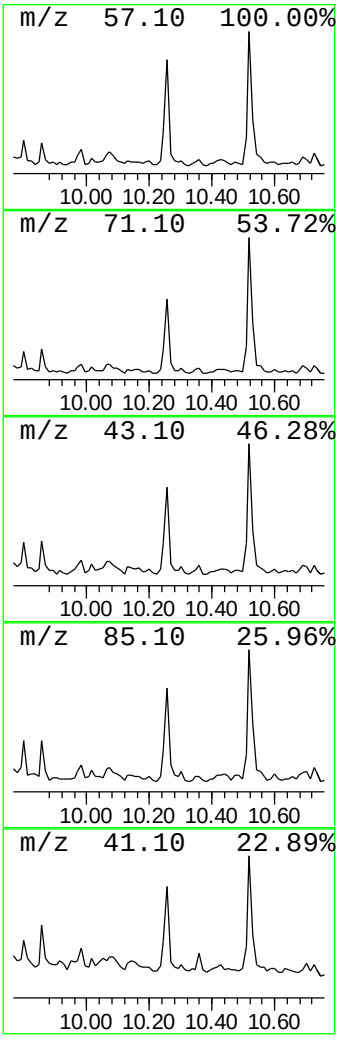
Peak Number 12 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	25.12 ng	2723030	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Eicosane	282	C20H42	000112-95-8	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5	Heptacosane	380	C27H56	000593-49-7	64





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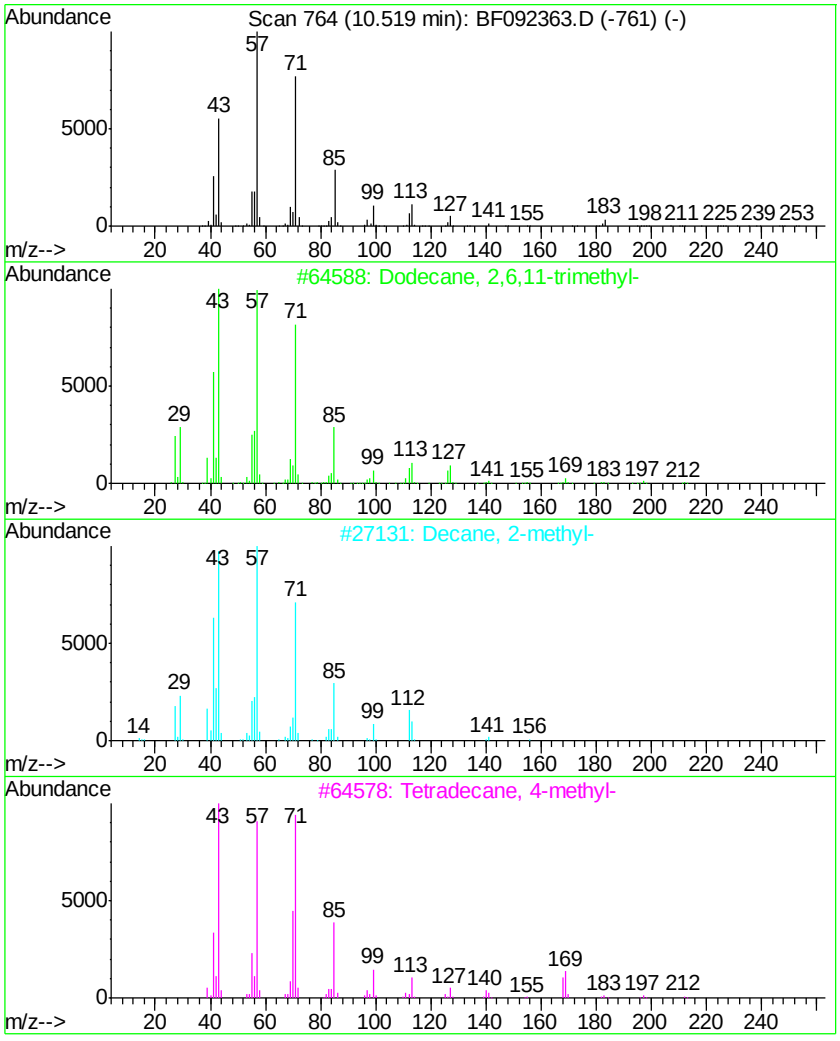
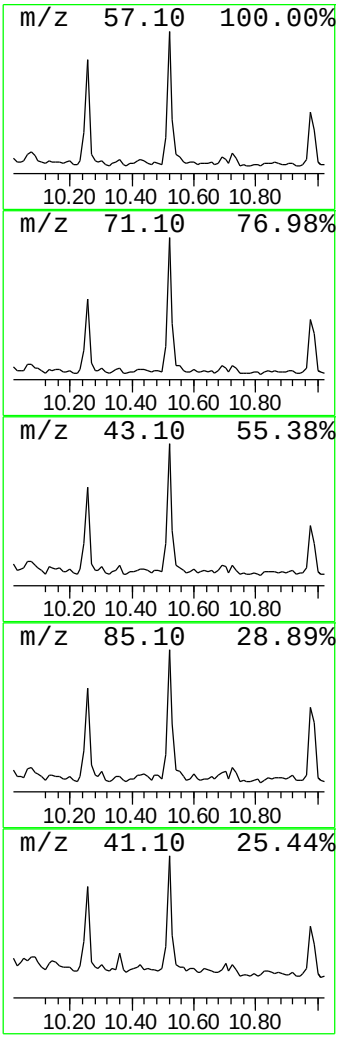
Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	175.74 ng	3970340	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	95
2	Decane, 2-methyl-	156	C11H24	006975-98-0	87
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	87
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





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

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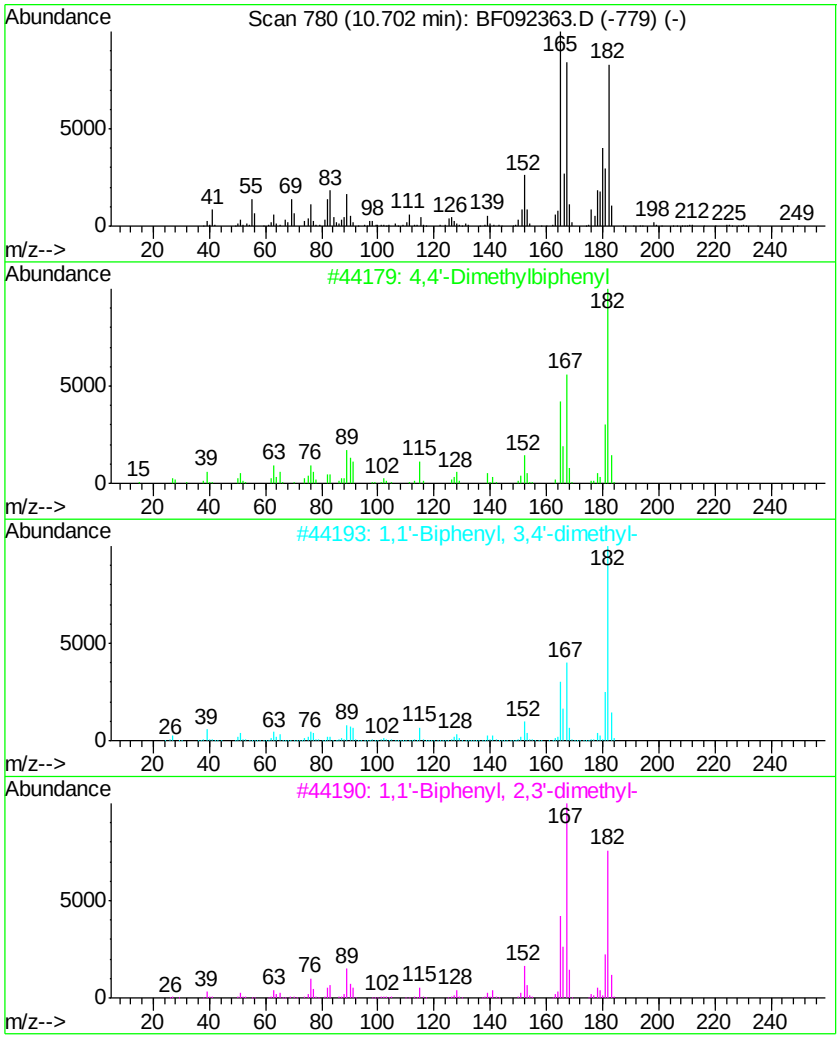
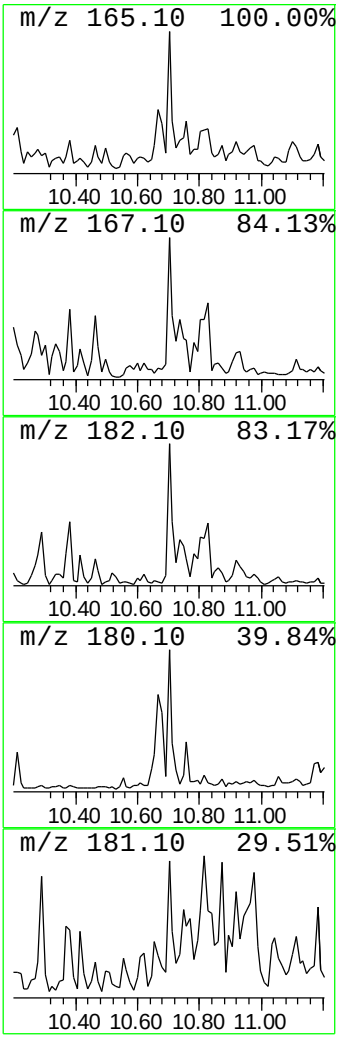
Peak Number 14 4,4'-Dimethylbiphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	27.95 ng	631468	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	89
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	70
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	53
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	53





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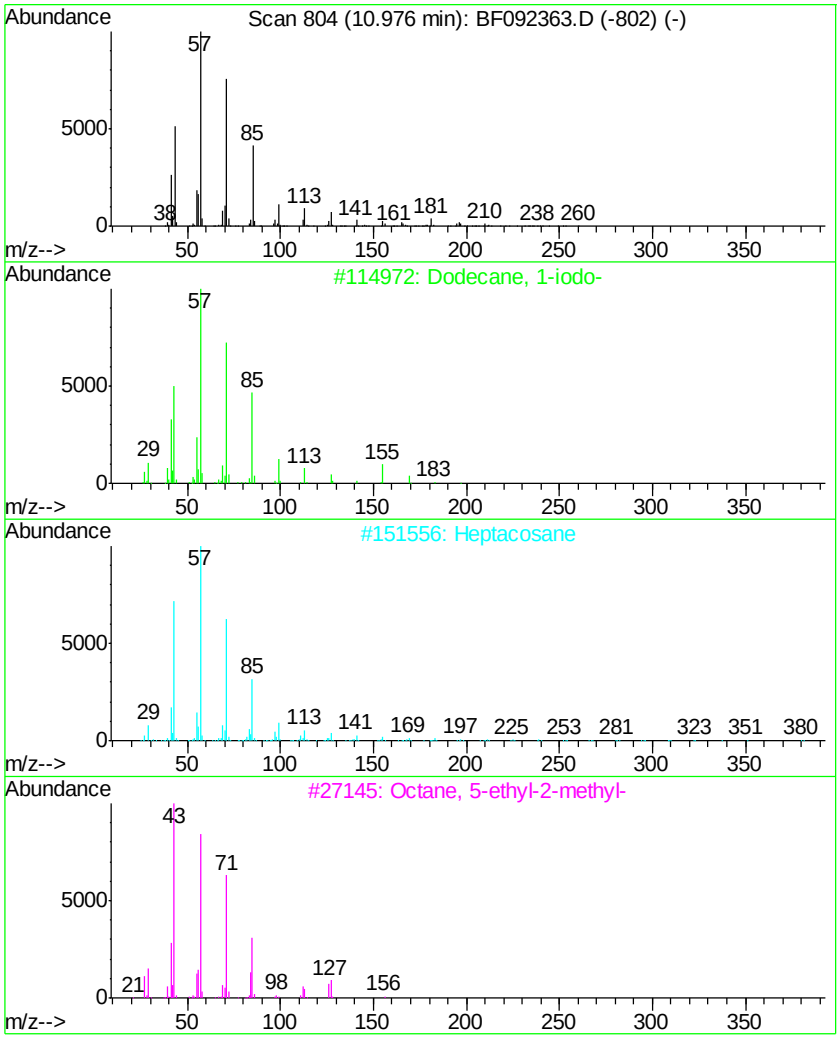
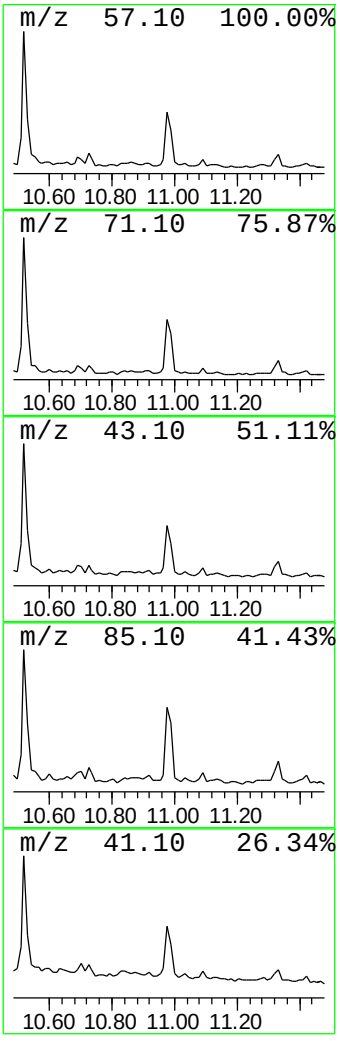
Peak Number 15 Dodecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	105.78 ng	2389880	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
4	Pentadecane	212	C15H32	000629-62-9	78
5	Tetradecane	198	C14H30	000629-59-4	78





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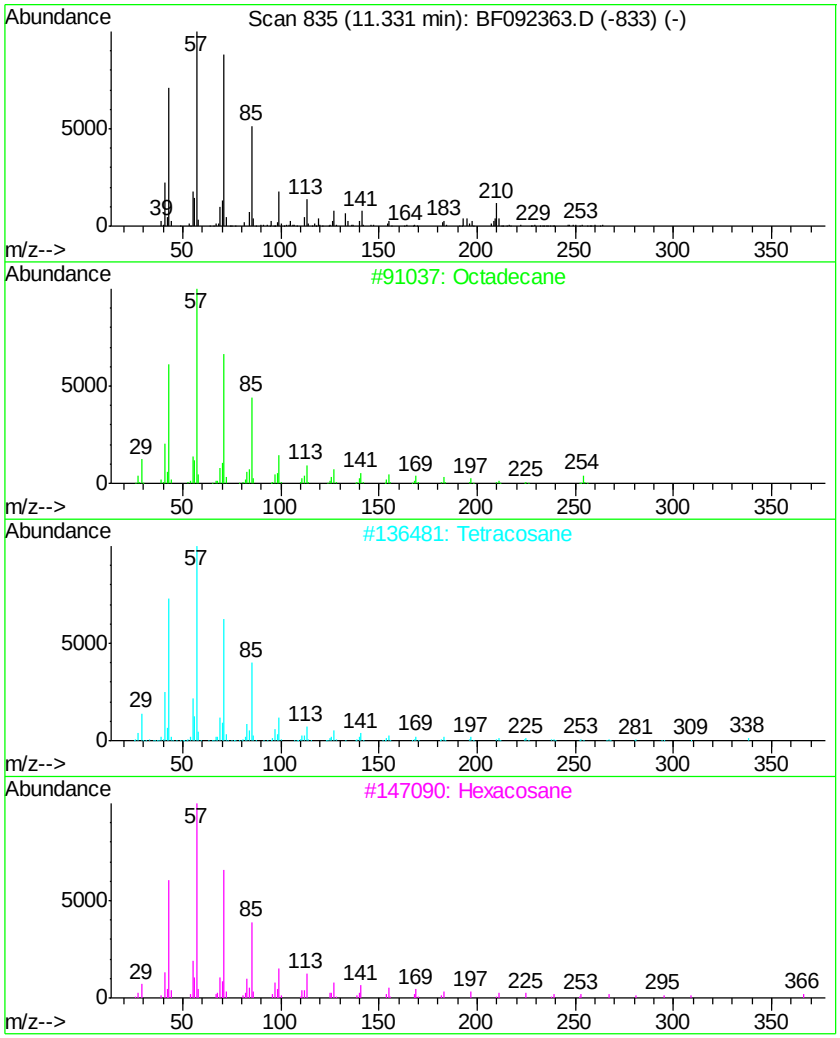
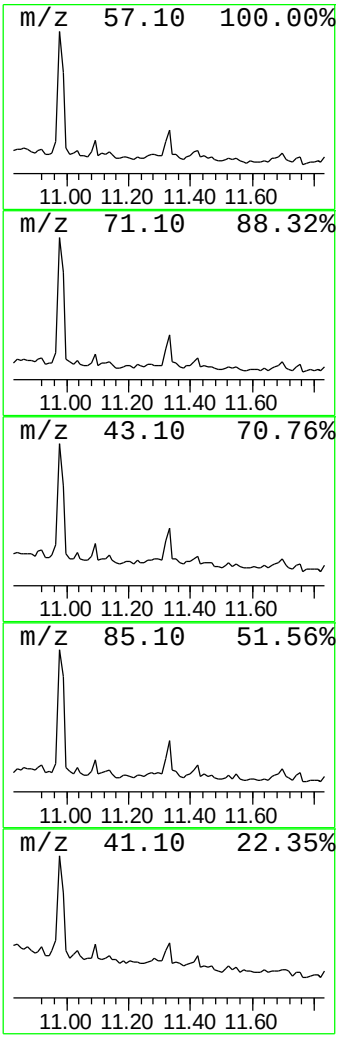
Peak Number 16 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	29.24 ng	660645	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Tetracosane	338	C24H50	000646-31-1	80
3	Hexacosane	366	C26H54	000630-01-3	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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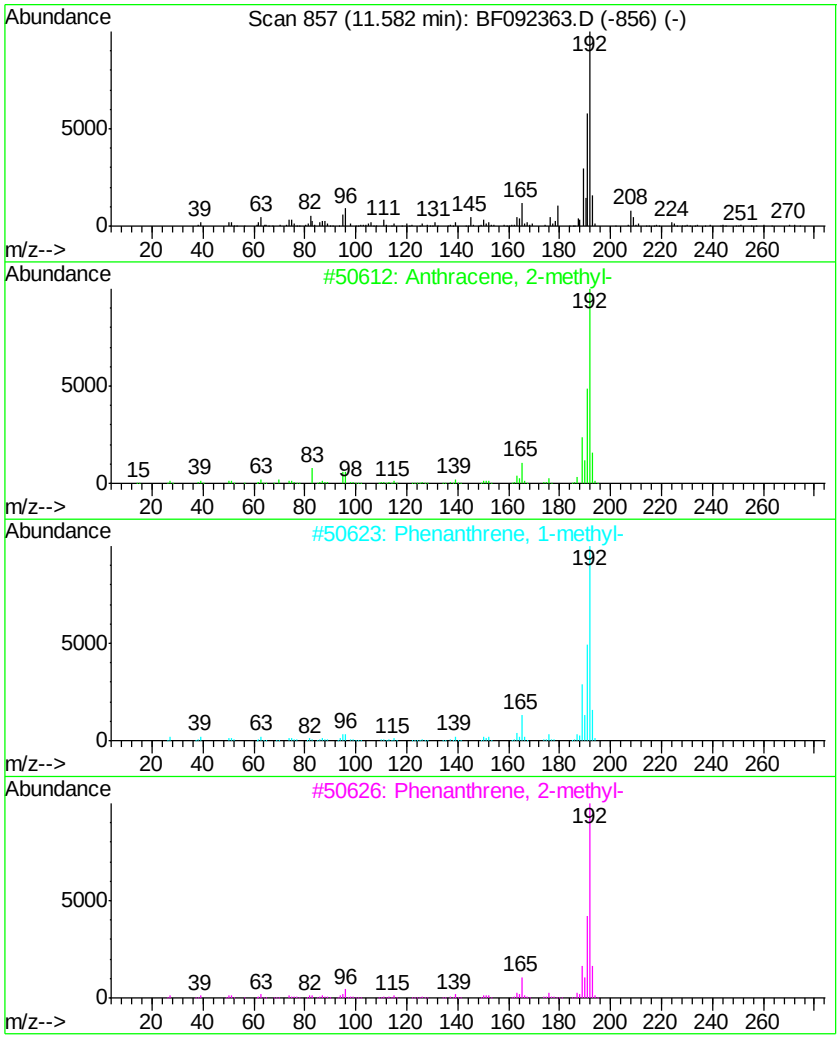
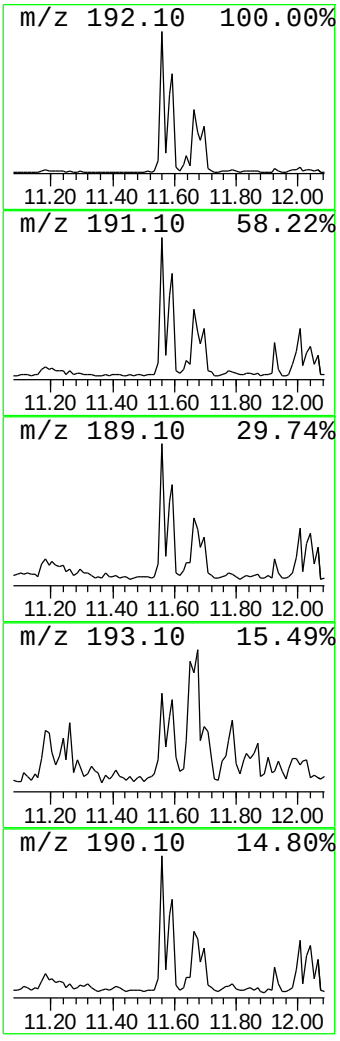
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	20.11 ng	454263	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

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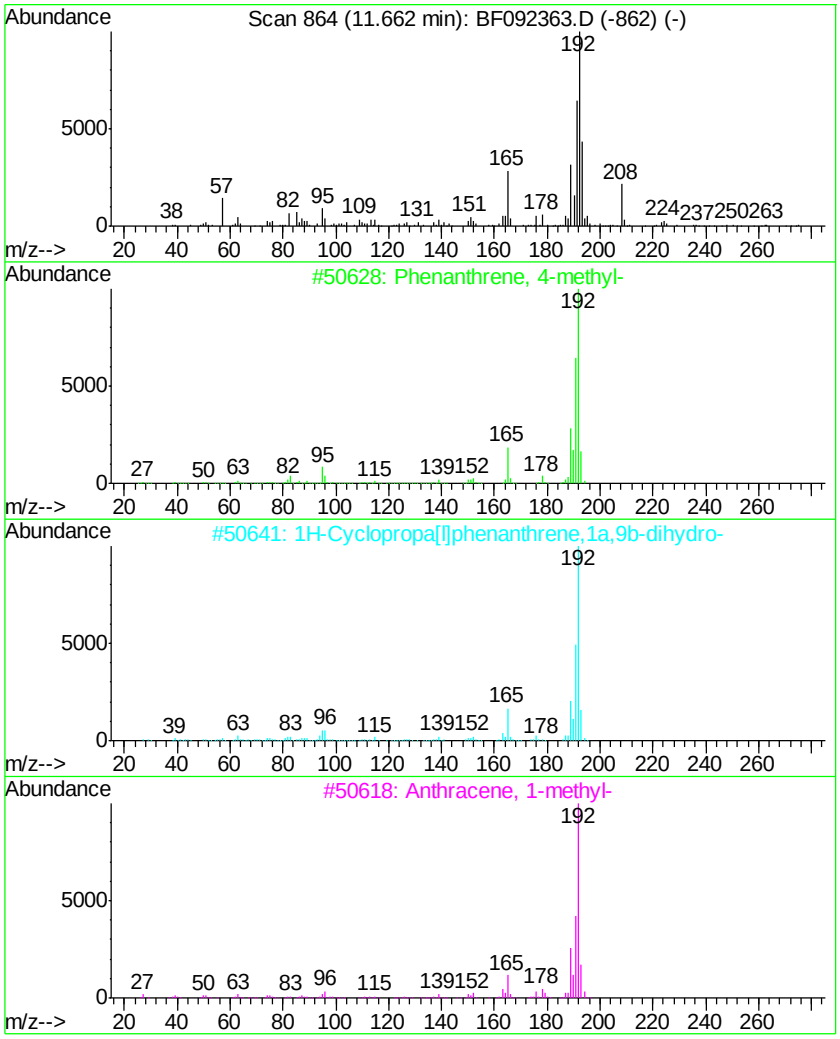
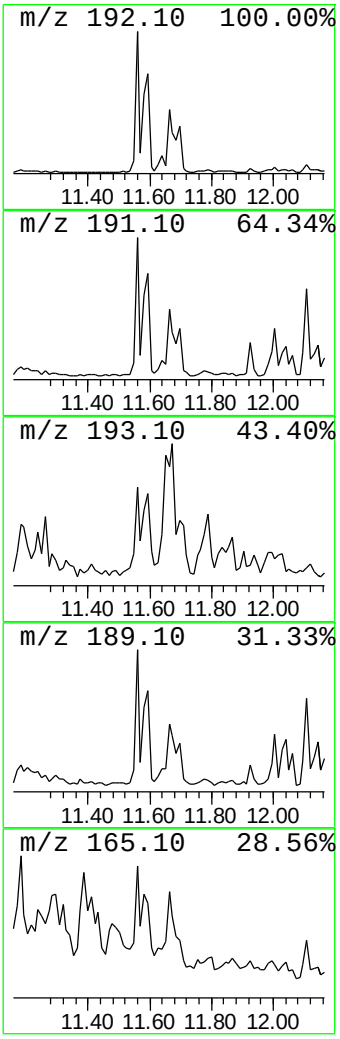
Peak Number 18 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	47.26 ng	1067710	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	64





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Data File : BF092363.D
Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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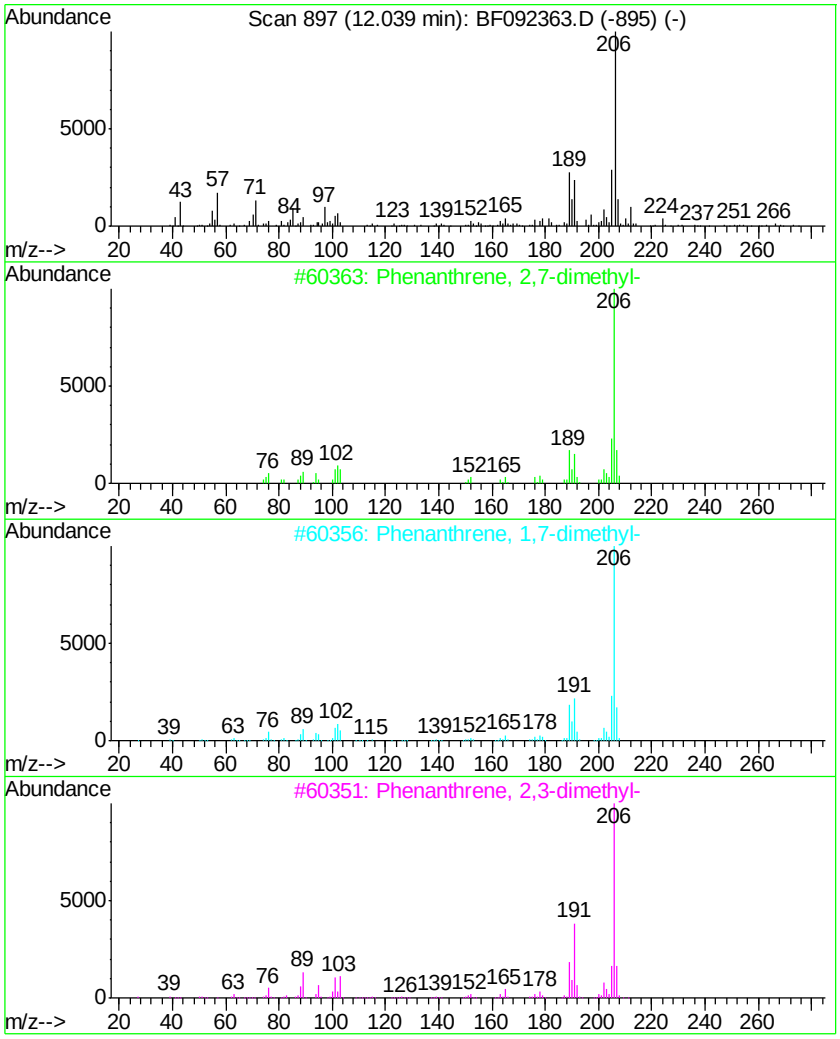
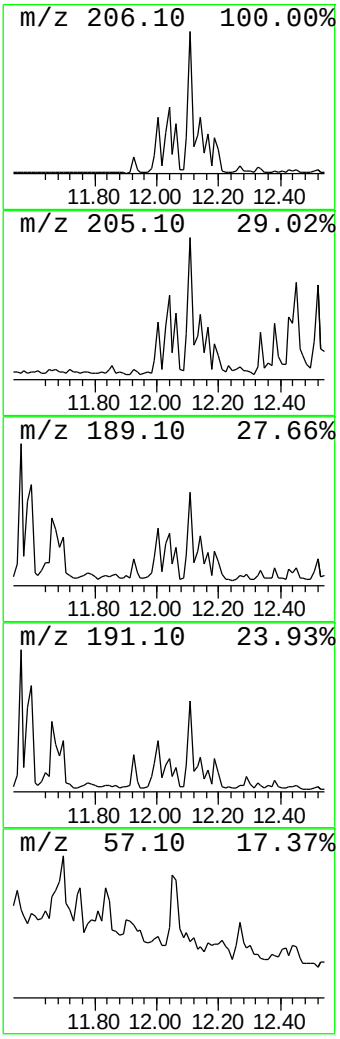
Peak Number 19 Phenanthrene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	26.12 ng	590186	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	68
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092363.D
Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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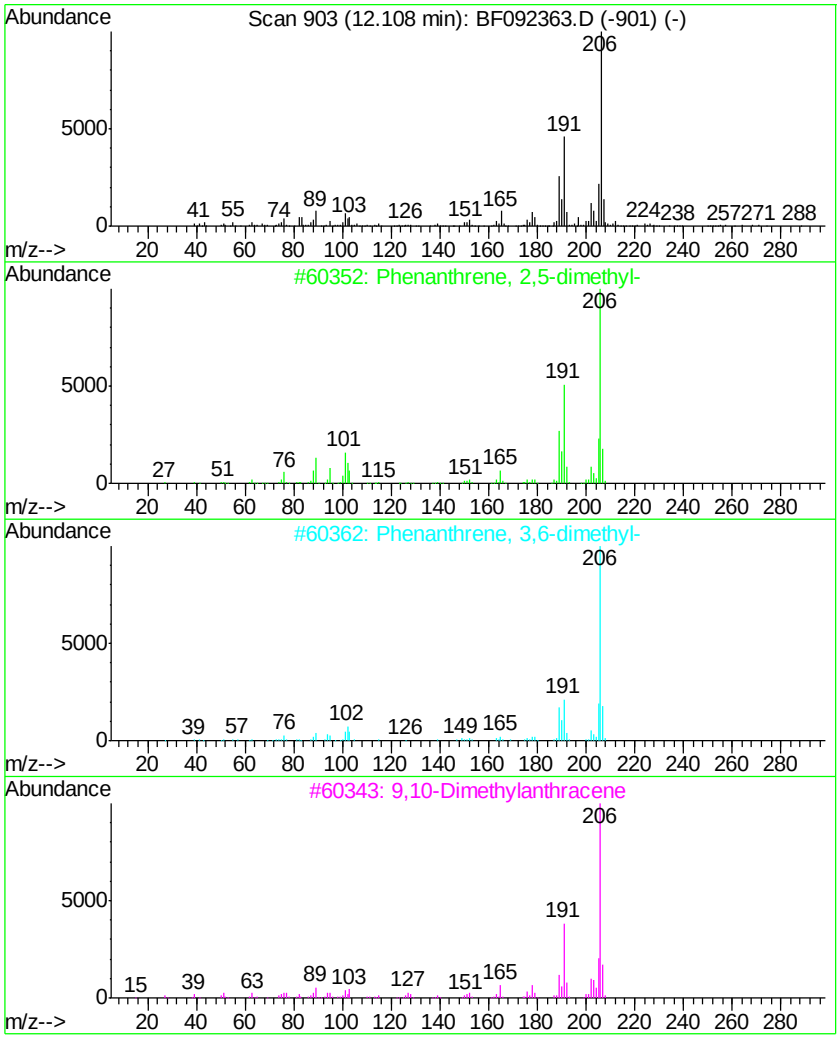
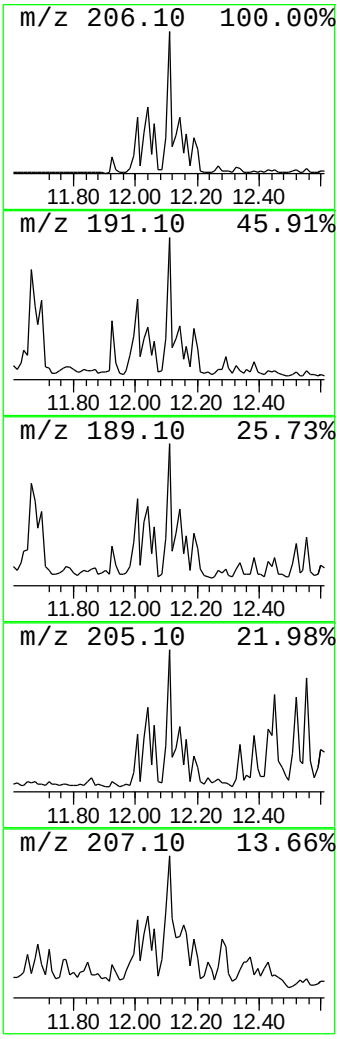
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	22.53 ng	508902	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092363.D
Acq On : 18 Jan 2017 20:54
Operator : UM/SJ
Sample : I1271-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
Octane, 2,2,6-tri...	6.03	39.1	ng	1852780	1	6.54	947360	20.0
Nonane, 3-methyl-	6.13	23.1	ng	1095040	1	6.54	947360	20.0
unknown6.31	6.31	25.8	ng	1220070	1	6.54	947360	20.0
Decane, 3,8-dimet...	6.48	21.9	ng	1038900	1	6.54	947360	20.0
Benzene, 1,3-diet...	6.80	35.3	ng	1673280	1	6.54	947360	20.0
Decane, 2-methyl-	6.91	21.1	ng	998144	1	6.54	947360	20.0
Undecane, 3,4-dim...	6.95	23.9	ng	1134090	1	6.54	947360	20.0
Naphthalene, 1,6-...	9.17	20.4	ng	2213330	3	9.58	2167700	20.0
Heptadecane, 2,6,...	9.33	32.9	ng	3565060	3	9.58	2167700	20.0
Hexadecane	10.26	25.1	ng	2723030	3	9.58	2167700	20.0
Dodecane, 2,6,11-...	10.52	175.7	ng	3970340	4	11.06	451853	20.0
4,4'-Dimethylbiph...	10.70	27.9	ng	631468	4	11.06	451853	20.0
Dodecane, 1-iodo-	10.98	105.8	ng	2389880	4	11.06	451853	20.0
Octadecane	11.33	29.2	ng	660645	4	11.06	451853	20.0
Anthracene, 2-met...	11.58	20.1	ng	454263	4	11.06	451853	20.0
Phenanthrene, 4-m...	11.66	47.3	ng	1067710	4	11.06	451853	20.0
Phenanthrene, 2,7...	12.04	26.1	ng	590186	4	11.06	451853	20.0
Phenanthrene, 2,5...	12.11	22.5	ng	508902	4	11.06	451853	20.0