LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-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-BF010918.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	2.734	93	110	116	rBV2	289885	906601	11.39%	0.435%
2	2.816	116	124	128	rVV	343183	823355	10.35%	0.395%
3	2.863	128	132	137	rVV	380557	701430	8.81%	0.337%
4	3.299	188	206	211	rBV	995858	2670732	33.56%	1.283%
5	3.451	219	232	239	rVV	1123723	2571314	32.31%	1.235%
6	3.534	239	246	253	rVB	472939	870151	10.93%	0.418%
7	3.663	260	268	277	rVB2	924484	2219498	27.89%	1.066%
8	3.822	287	295	301	rVB	1181443	2273136	28.57%	1.092%
9	3.981	310	322	326	rBV	1510782	2589158	32.54%	1.243%
10	4.134	340	348	351	rBV	373825	630111	7.92%	0.303%
11	4.175	351	355	360	rVV3	332480	653859	8.22%	0.314%
12	4.316	374	379	386	rVB3	957788	1685752	21.18%	0.810%
13	4.434	391	399	403	rBV3	911928	1381961	17.37%	0.664%
14	4.528	411	415	421	rVB	558701	703141	8.84%	0.338%
15	4.751	450	453	457	rVB2	576445	653899	8.22%	0.314%
16	4.798	457	461	464	rBV3	522632	780416	9.81%	0.375%
17	4.834	464	467	476	rVB2	1501126	2621068	32.94%	1.259%
18	4.910	476	480	484	rBV3	788980	1204626	15.14%	0.579%
19	5.028	495	500	505	rVB4	443658	929418	11.68%	0.446%
20	5.116	510	515	517	rBV2	1650779	2063406	25.93%	0.991%
21	5.145	517	520	524	rVB3	691162	1040416	13.07%	0.500%
22	5.187	524	527	529	rBV	1148843	1214164	15.26%	0.583%
23	5.204	529	530	532	rVV	1222457	1003162	12.61%	0.482%
24	5.234	532	535	537	rVB	1836169	1715545	21.56%	0.824%
25	5.310	544	548	549	rVV	2639788	2781124	34.95%	1.336%
26	5.328	549	551	554	rVB	3230387	3231344	40.61%	1.552%
27	5.398	561	563	566	rBV2	974033	959375	12.06%	0.461%
28	5.445	569	571	574	rVB	893639	740093	9.30%	0.355%
29	5.487	574	578	582	rBV3	1399787	1970658	24.76%	0.946%
30	5.528	582	585	588	rVB	1073727	953798	11.99%	0.458%
31	5.587	588	595	599	rBV5	1732595	3611918	45.39%	1.735%
32	5.628	599	602	608	rVB3	1437990	1881008	23.64%	0.903%
33	5.740	615	621	624	rVB5	1510744	2304818	28.96%	1.107%
34	5.781	624	628	631	rBV2	1489982	2048717	25.75%	0.984%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.810	631	633	636	rVB	1448482	1207616	15.18%	0.580%
36	5.875	636	644	648	rBV6	1923534	3704863	46.56%	1.779%
37	5.922	648	652	657	rVB	1553282	1622517	20.39%	0.779%
38	5.975	657	661	663	rBV2	3078580	3736932	46.96%	1.795%
39	5.998	663	665	667	rVV2	1115344	1107427	13.92%	0.532%
40	6.028	667	670	672	rVV2	1023943	1003706	12.61%	0.482%
41	6.069	674	677	679	rVV4	561653	589835	7.41%	0.283%
42	6.163	688	693	695	rBV3	2528857	3663484	46.04%	1.759%
43	6.187	695	697	699	rVV2	1553892	1121973	14.10%	0.539%
44	6.222	699	703	706	rVB3	2903617	4286129	53.86%	2.058%
45	6.257	706	709	712	rBV	2872786	3061928	38.48%	1.471%
46	6.281	712	713	716	rVB2	944530	589097	7.40%	0.283%
47	6.322	716	720	722	rBV	2160220	2053262	25.80%	0.986%
48	6.363	722	727	731	rVB4	2664803	4138729	52.01%	1.988%
49	6.410	731	735	741	rVB4	1448743	2880878	36.20%	1.384%
50	6.498	741	750	757	rBV3	3877237	7957594	100.00%	3.822%
51	6.563	757	761	763	rBV4	1592085	2197820	27.62%	1.056%
52	6.616	767	770	774	rBV4	511007	558538	7.02%	0.268%
53	6.663	774	778	780	rBV5	962568	1371767	17.24%	0.659%
54	6.722	785	788	790	rVV2	840630	1103199	13.86%	0.530%
55	6.751	790	793	796	rVB	3309799	3494854	43.92%	1.678%
56	6.787	796	799	802	rBV2	1675623	1871667	23.52%	0.899%
57	6.822	802	805	807	rBV3	855813	1054920	13.26%	0.507%
58	6.851	807	810	812	rBV	857919	867616	10.90%	0.417%
59	6.881	812	815	818	rVV2	2912437	3405982	42.80%	1.636%
60	6.910	818	820	823	rVB	2320122	2105080	26.45%	1.011%
61	6.981	823	832	834	rBV2	2588641	4501953	56.57%	2.162%
62	7.010	834	837	840	rVV3	1978319	2476611	31.12%	1.189%
63	7.045	840	843	846	rVV3	1420886	1891496	23.77%	0.908%
64	7.075	846	848	852	rVB2	2513519	2805716	35.26%	1.347%
65	7.128	852	857	860	rBV	3617160	4317246	54.25%	2.073%
66	7.204	867	870	874	rVB3	1045757	1082655	13.61%	0.520%
67	7.275	875	882	884	rBV2	4310280	6479692	81.43%	3.112%
68	7.304	884	887	891	rVV3	2472587	3554991	44.67%	1.707%
69	7.381	895	900	903	rBV5	2766736	4601708	57.83%	2.210%
70	7.422	903	907	909	rBV5	1213391	1807484	22.71%	0.868%
71	7.451	910	912	916	rVB4	1469514	1437798	18.07%	0.691%

LSC Area Percent Report

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Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	7.492	916	919	920	rBV2	1014431	1188669	14.94%	0.571%
73	7.510	920	922	923	rVV	1369732	1143980	14.38%	0.549%
74	7.545	926	928	931	rVB3	3014571	2844711	35.75%	1.366%
75	7.581	931	934	936	rBV2	858118	947480	11.91%	0.455%
76	7.628	938	942	943	rBV3	1554520	1836942	23.08%	0.882%
77	7.663	943	948	952	rVV8	1758967	3232730	40.62%	1.553%
78	7.710	953	956	959	rVB3	1931477	2272607	28.56%	1.091%
79	7.745	959	962	963	rBV2	1969720	1922267	24.16%	0.923%
80	7.781	966	968	972	rVB2	2211437	2305231	28.97%	1.107%
81	7.828	973	976	977	rBV	1563655	1307791	16.43%	0.628%
82	7.892	984	987	991	rBV2	1603134	2320229	29.16%	1.114%
83	7.928	991	993	996	rVB2	1157433	1055145	13.26%	0.507%
84	7.986	997	1003	1005	rBV6	2314081	4305223	54.10%	2.068%
85	8.016	1005	1008	1011	rVV3	2664345	3690683	46.38%	1.773%
86	8.045	1011	1013	1016	rVV2	1350744	1691222	21.25%	0.812%
87	8.075	1016	1018	1020	rVV	1696265	1828979	22.98%	0.878%
88	8.098	1020	1022	1024	rVB	1889153	1914669	24.06%	0.920%
89	8.228	1042	1044	1048	rVB2	2104625	2324197	29.21%	1.116%
90	8.275	1049	1052	1055	rBV4	1089246	1256241	15.79%	0.603%
91	8.328	1055	1061	1063	rBV4	2388184	4574140	57.48%	2.197%
92	8.386	1068	1071	1073	rBV3	1876416	1802723	22.65%	0.866%
93	8.416	1073	1076	1079	rVB2	2184960	2367404	29.75%	1.137%
94	8.469	1082	1085	1089	rBV2	2579505	3165700	39.78%	1.520%
95	8.545	1095	1098	1100	rVB2	1766255	1767960	22.22%	0.849%
96	12.245	1725	1727	1730	rVB2	1122617	1107605	13.92%	0.532%
97	12.763	1812	1815	1818	rVB	870542	976655	12.27%	0.469%
98	12.839	1825	1828	1831	rVB	1454024	1443541	18.14%	0.693%
99	13.874	2001	2004	2011	rVB	825532	805334	10.12%	0.387%
100	15.286	2239	2244	2247	rBV	602447	714508	8.98%	0.343%

Sum of corrected areas: 208218501

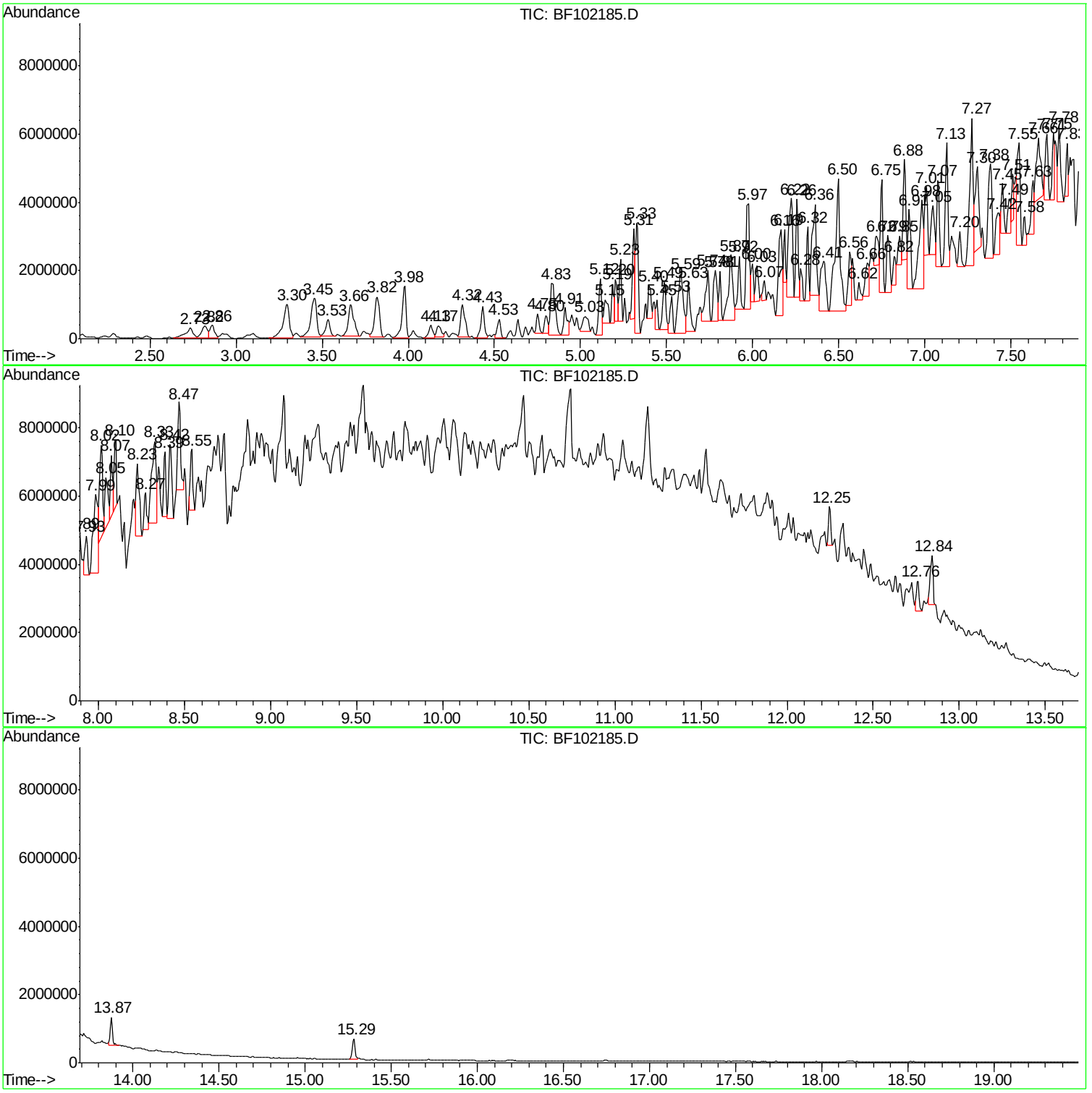
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

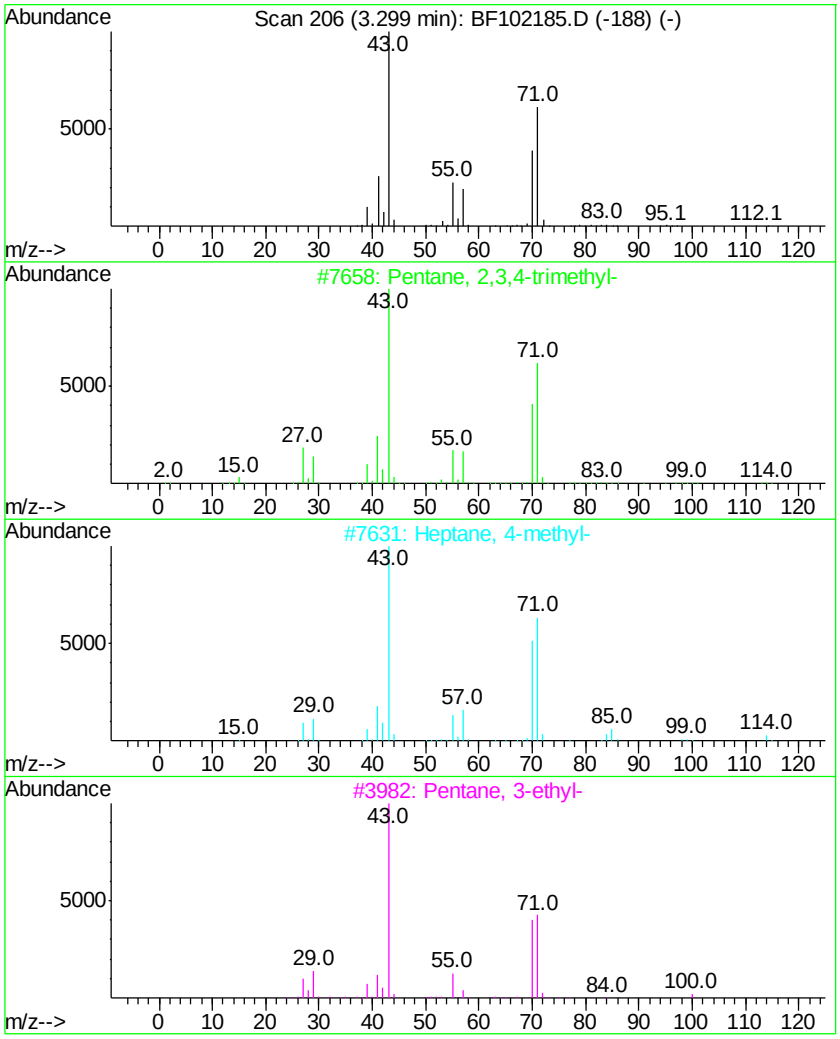
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

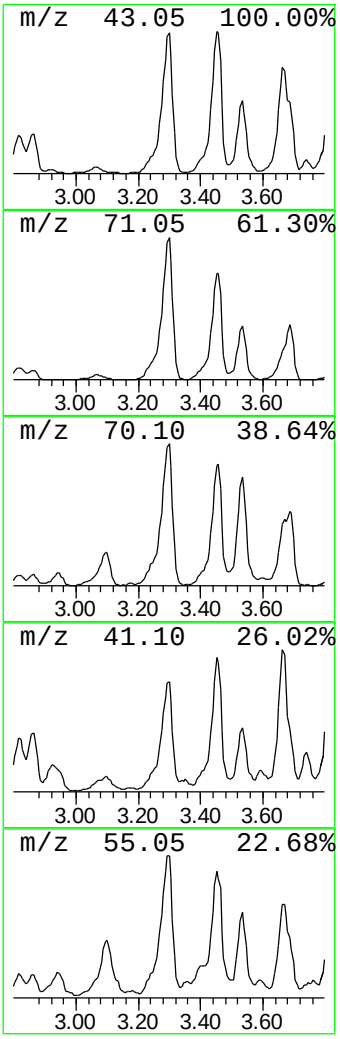
****

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	48.42 ng	2670730	1,4-Dichlorobenzene-d4	6.73

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	64
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	40
5	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	39





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

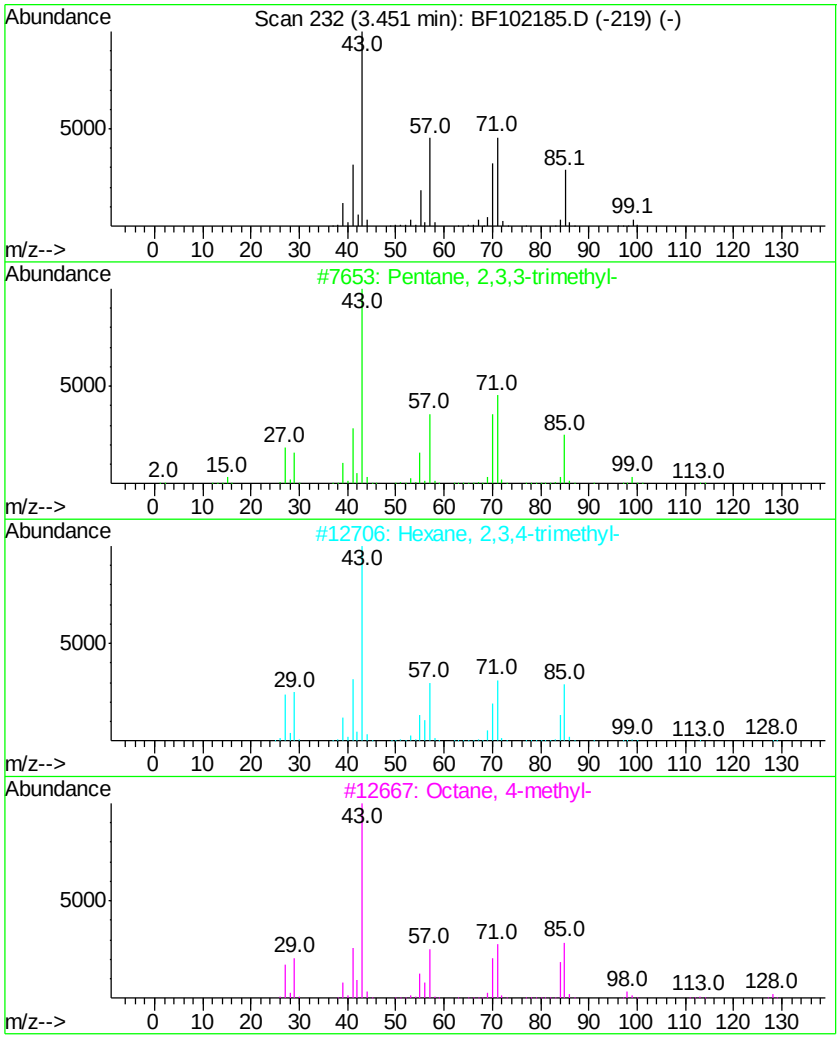
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

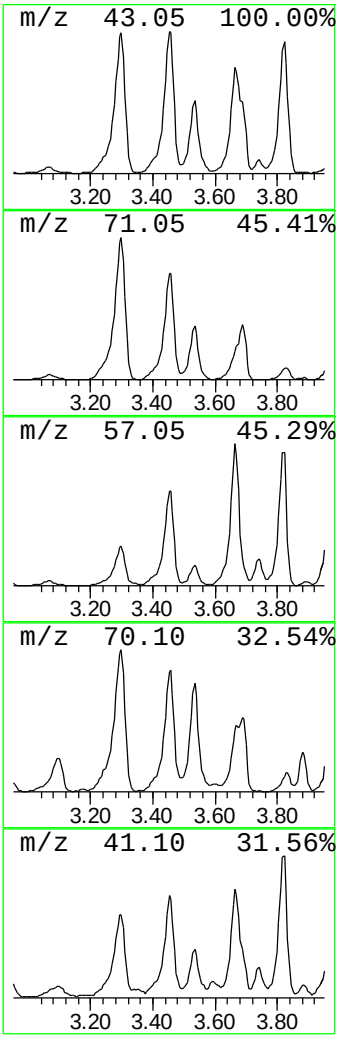
****

Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	46.62 ng	2571310	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3	Octane, 4-methyl-	128	C9H20	002216-34-4	74
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	56
5	2-Heptanone, 5-methyl-	128	C8H16O	018217-12-4	50





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

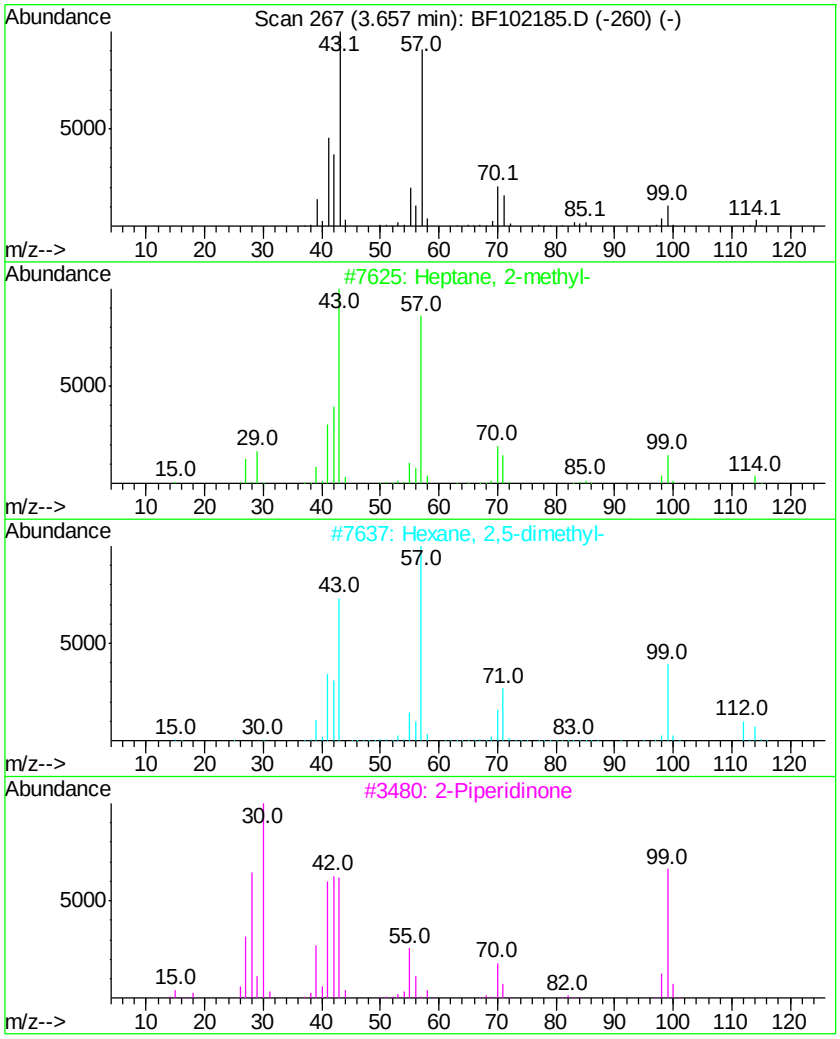
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

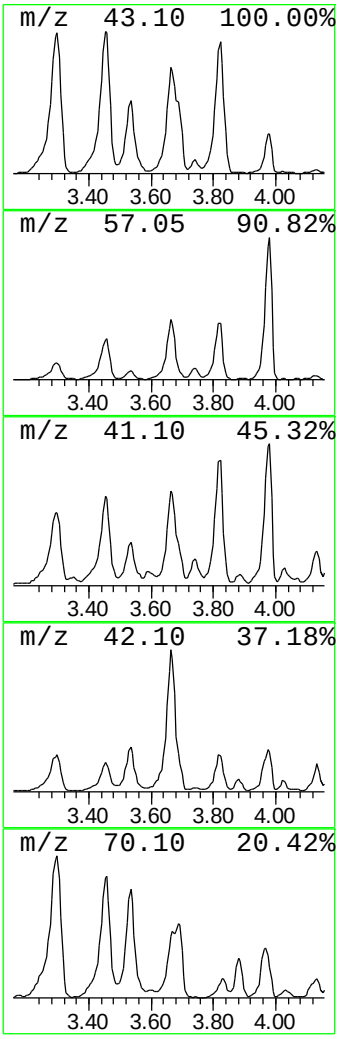
****

Peak Number 3 Heptane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	40.24 ng	2219500	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3	2-Piperidinone	99	C5H9NO	000675-20-7	47
4	Cyclohexanol, 4-methyl-	114	C7H14O	000589-91-3	47
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	40





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

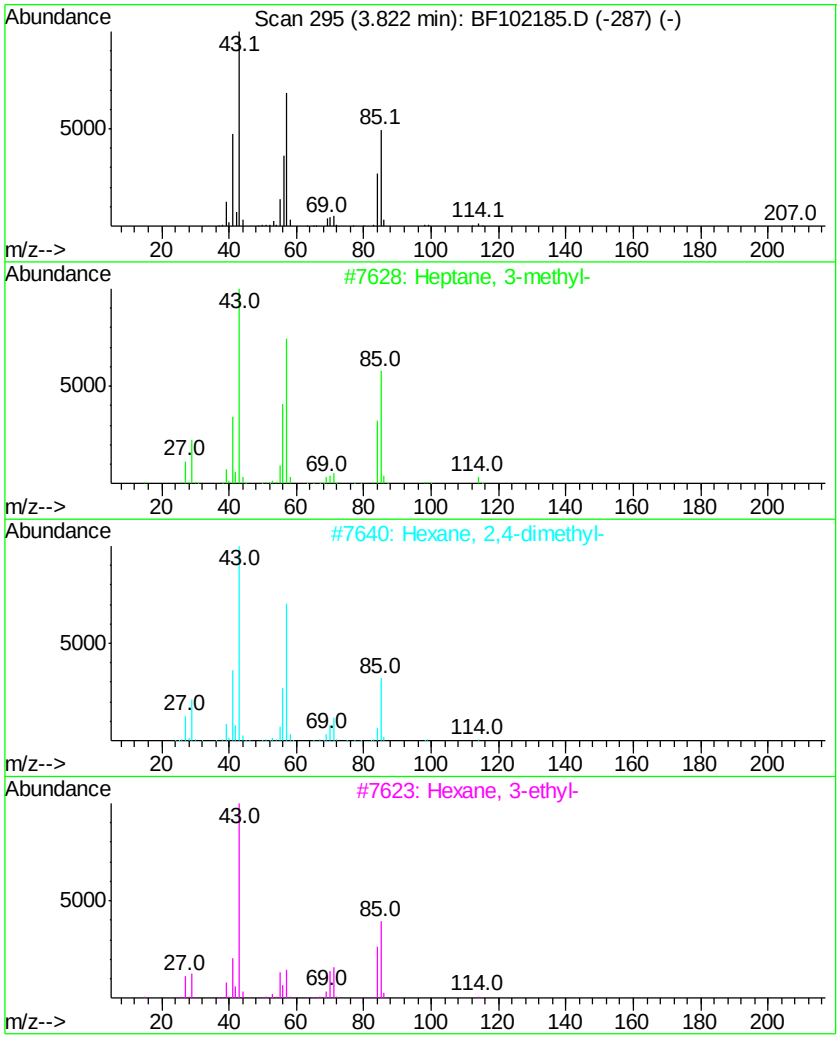
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

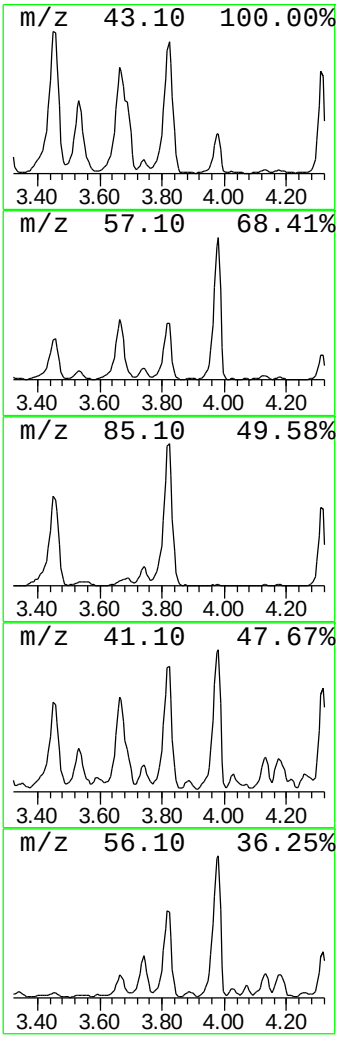
****

Peak Number 4 Heptane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	41.21 ng	2273140	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	80
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	74
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	72
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

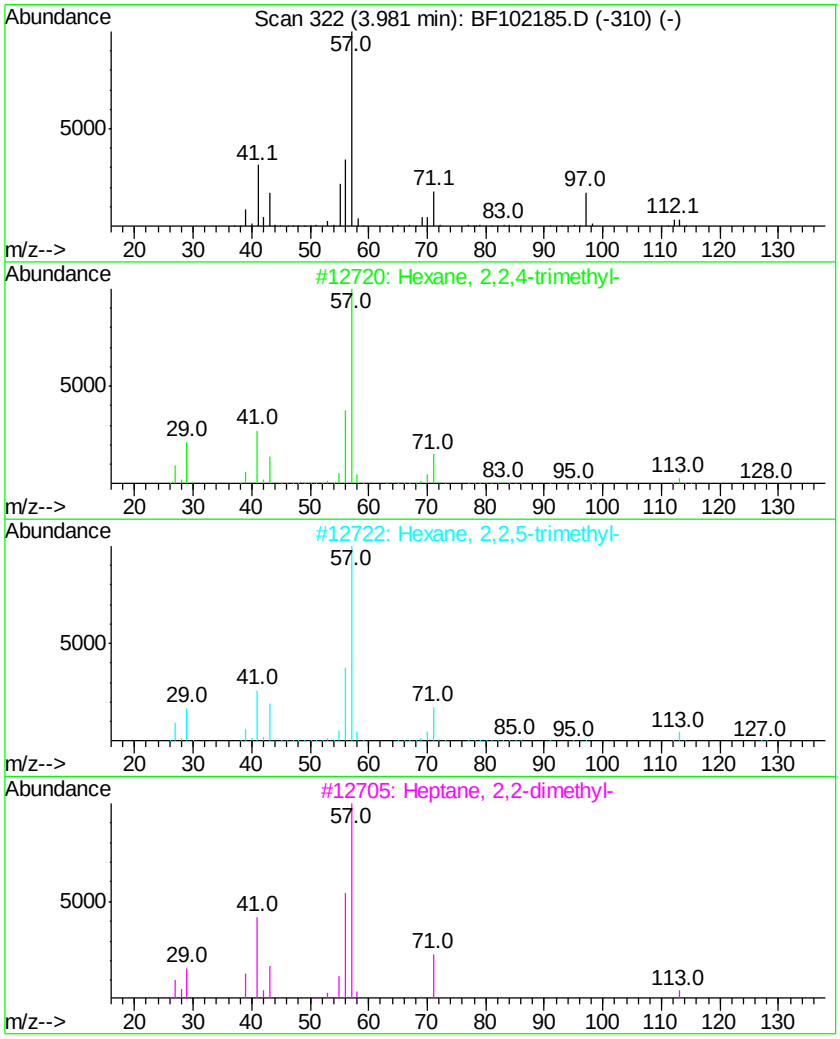
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

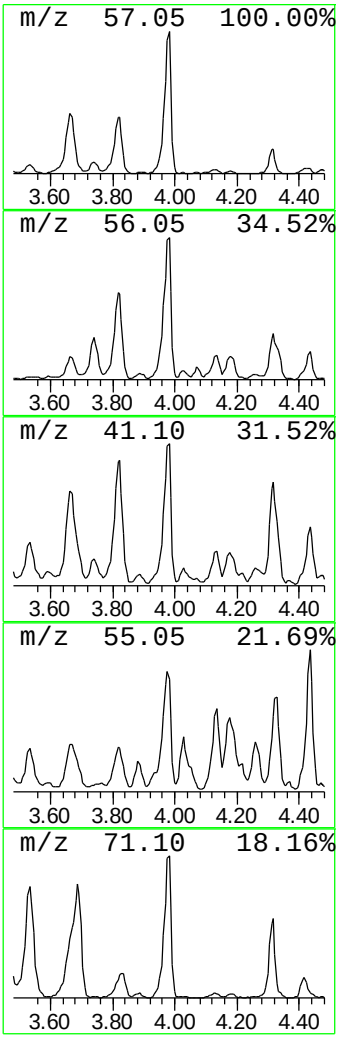
****

Peak Number 5 Hexane, 2,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	46.94 ng	2589160	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	43
4	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	42
5	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	37





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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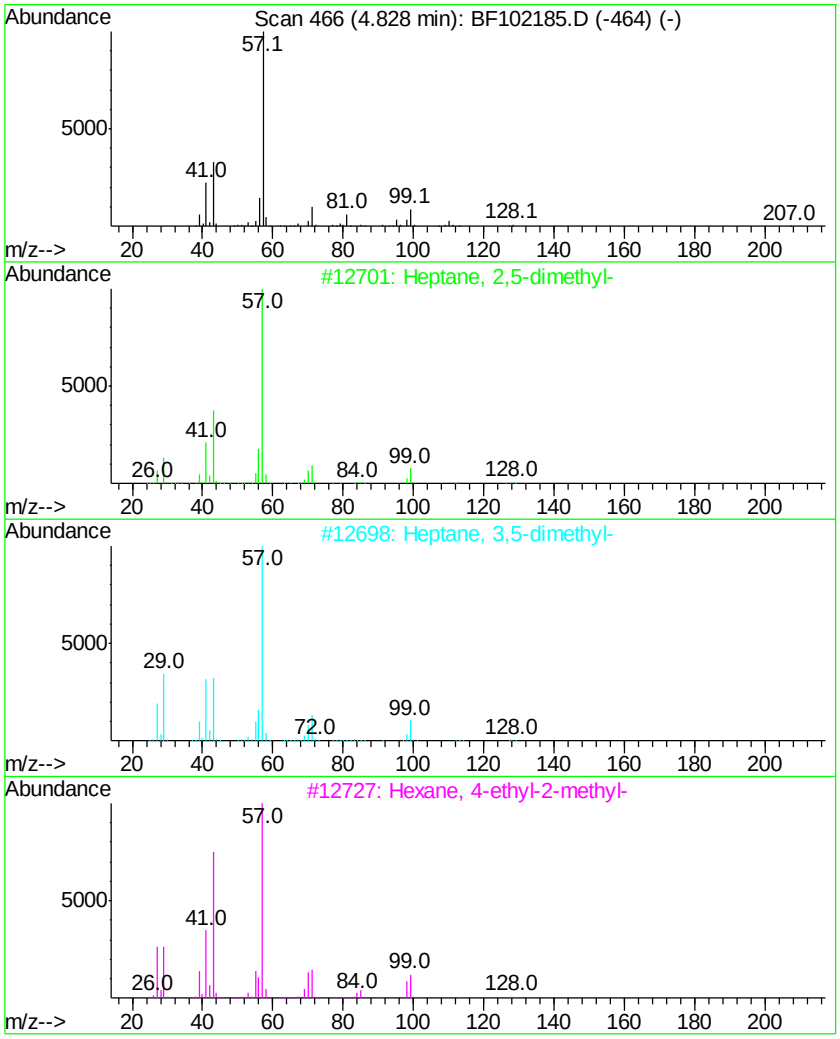
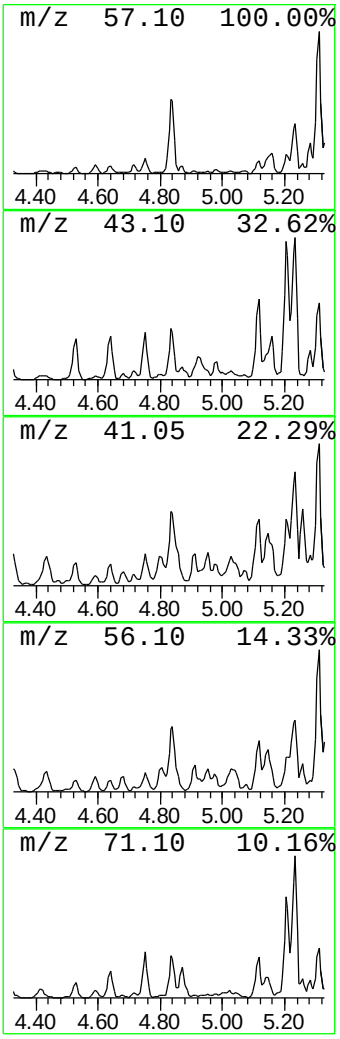
Peak Number 6 Heptane, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	47.52 ng	2621070	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
3	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	50
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	45
5	Octane, 3-methyl-	128	C9H20	002216-33-3	40





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Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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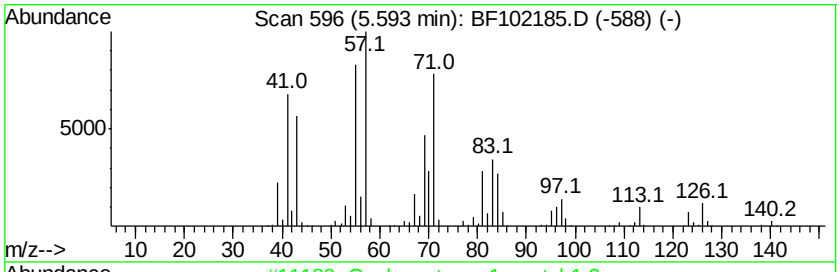
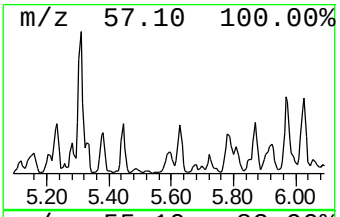
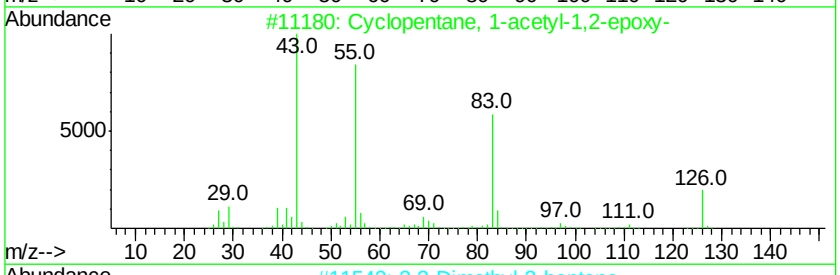
Peak Number 7 unknown5.59 Concentration Rank 8

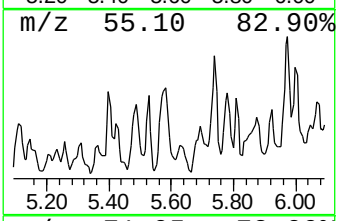
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	65.48 ng	3611920	1,4-Dichlorobenzene-d4	6.73

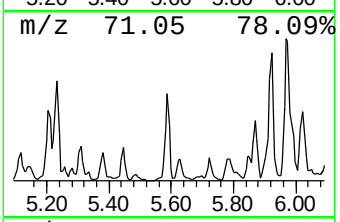
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-acetyl-1,2-epoxy-	126	C7H10O2	015121-02-5	46
2	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	46
3	cis-4-Nonene	126	C9H18	010405-84-2	43
4	trans--4-Nonene	126	C9H18	010405-85-3	43
5	4-Nonene	126	C9H18	002198-23-4	38

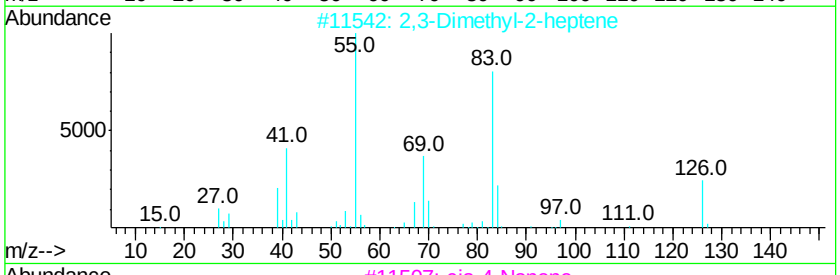


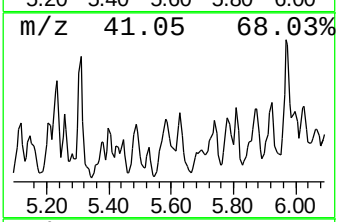


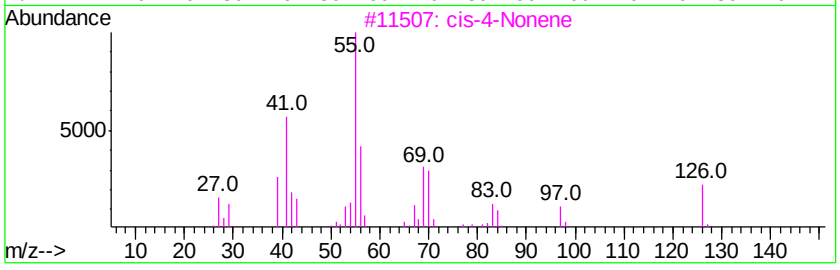


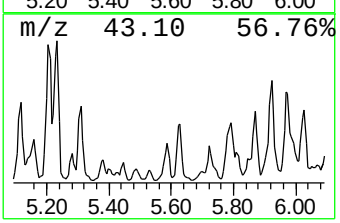












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Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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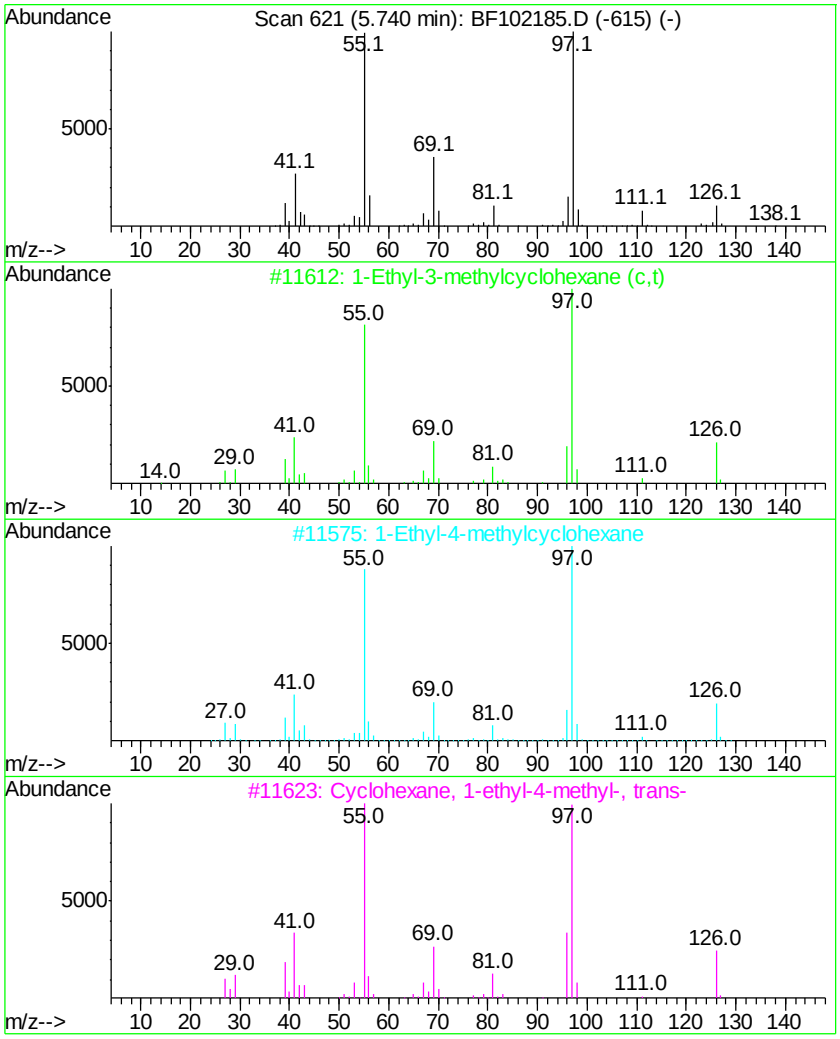
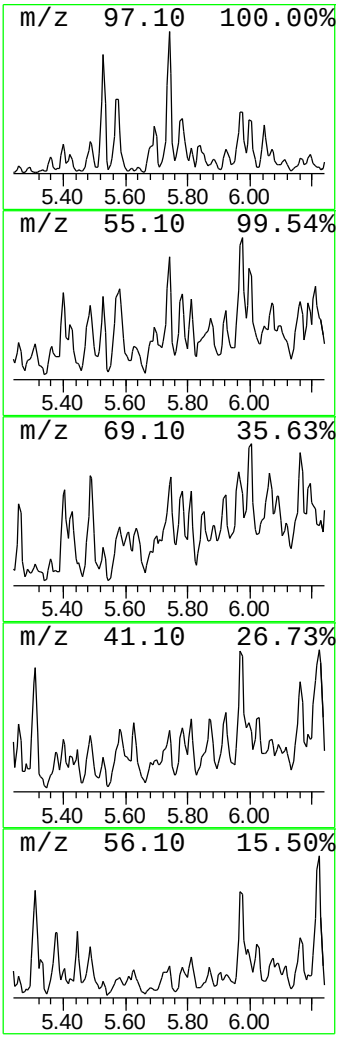
Peak Number 8 1-Ethyl-3-methylcyclohexane... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	41.78 ng	2304820	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	80
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
5	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	64





Library Search Compound Report

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

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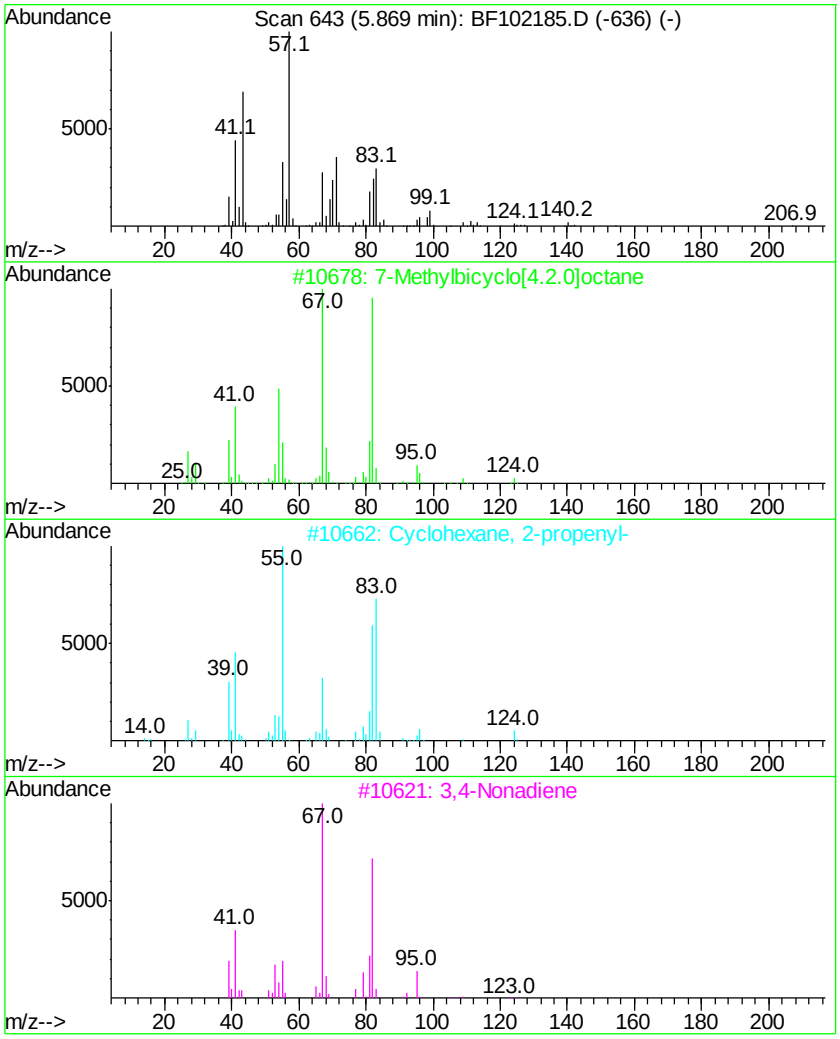
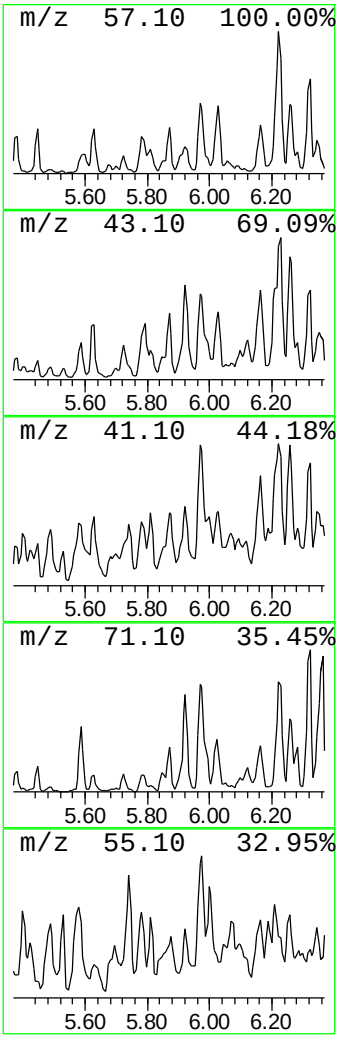
Peak Number 9 unknown5.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	67.17 ng	3704860	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	43
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
3	3,4-Nonadiene	124	C9H16	037050-03-6	35
4	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	30
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	27





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Sample : J1144-02
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

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

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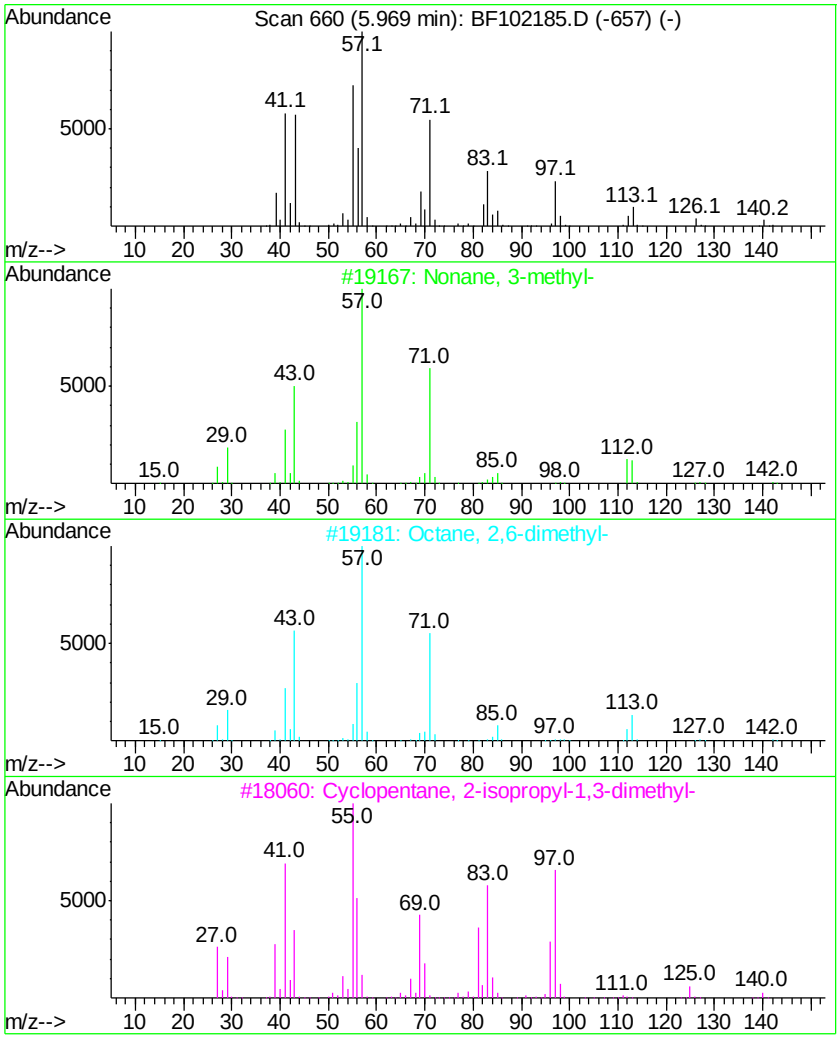
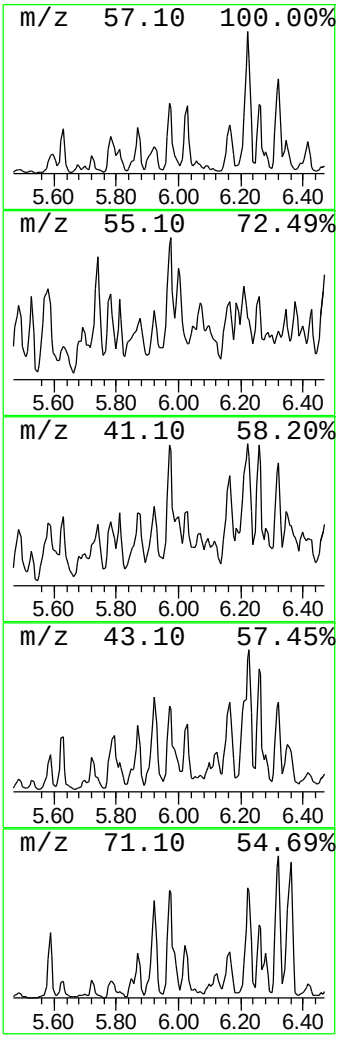
Peak Number 10 unknown5.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	67.75 ng	3736930	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	38
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	38
5	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	35





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ALS Vial : 38 Sample Multiplier: 1

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

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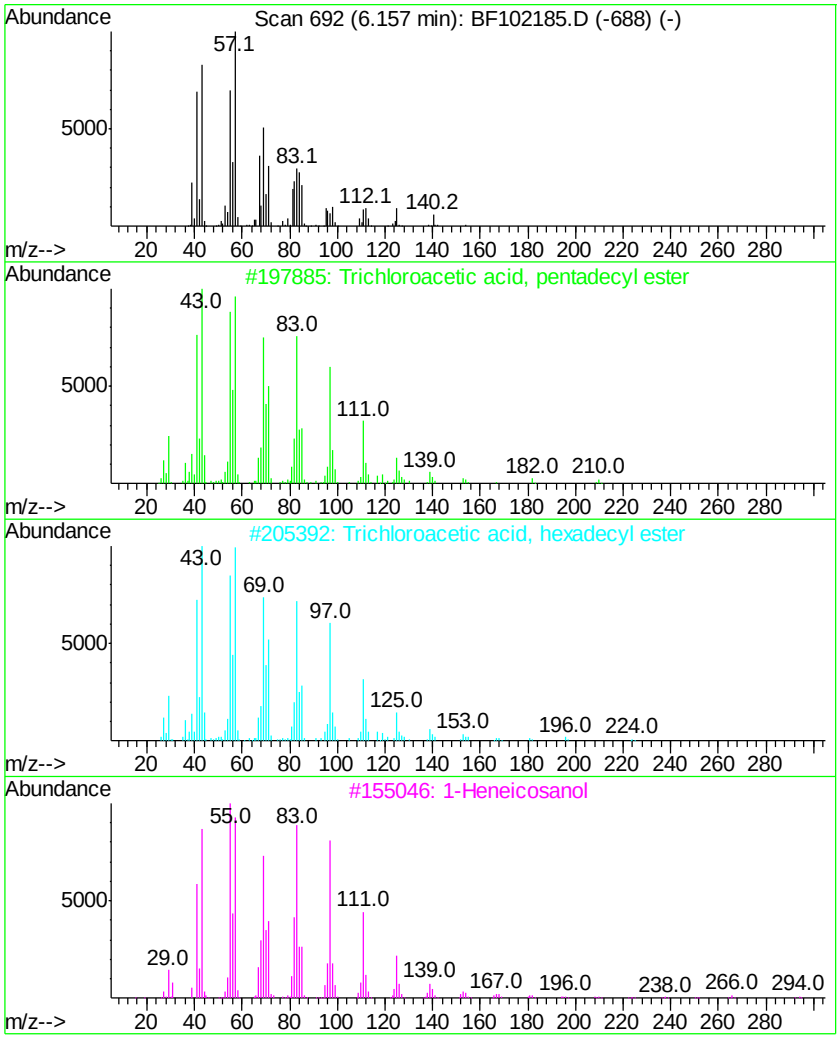
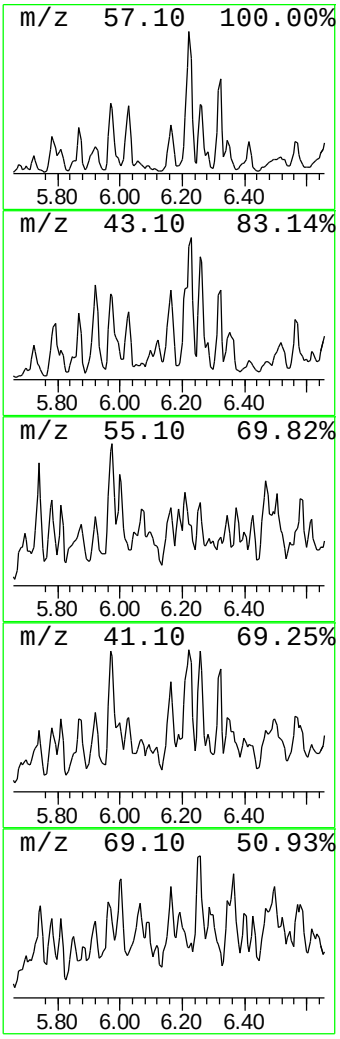
Peak Number 11 Trichloroacetic acid, penta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	66.42 ng	3663480	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	68
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68
3	1-Heneicosanol	312	C21H44O	015594-90-8	64
4	Cyclopentane, pentyl-	140	C10H20	003741-00-2	46
5	Cyclodecane	140	C10H20	000293-96-9	38





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TIC Library : C:\DATABASE\NIST11.L
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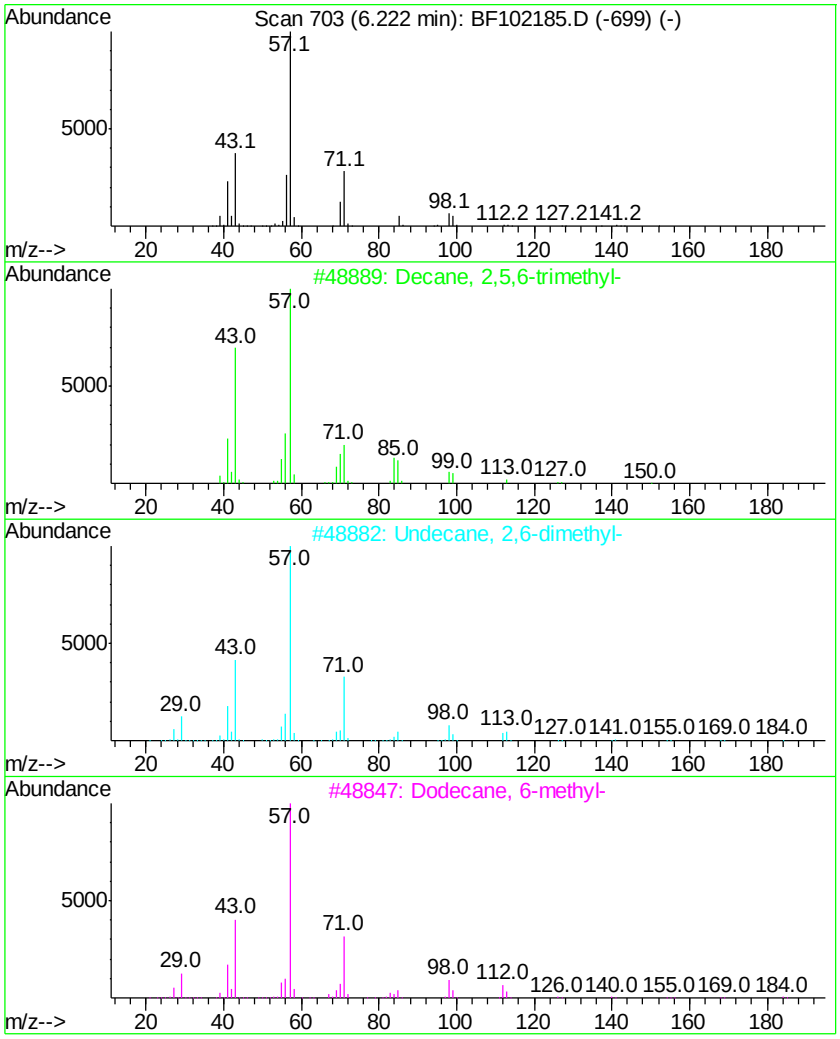
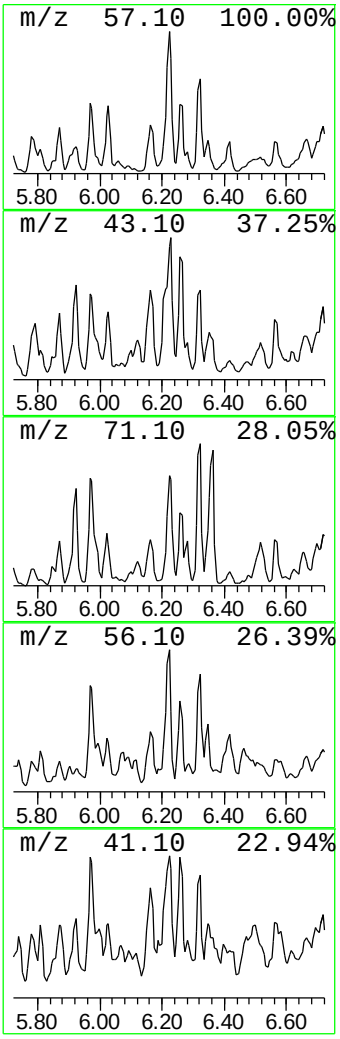
Peak Number 12 Decane, 2,5,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	77.70 ng	4286130	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59





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TIC Library : C:\DATABASE\NIST11.L
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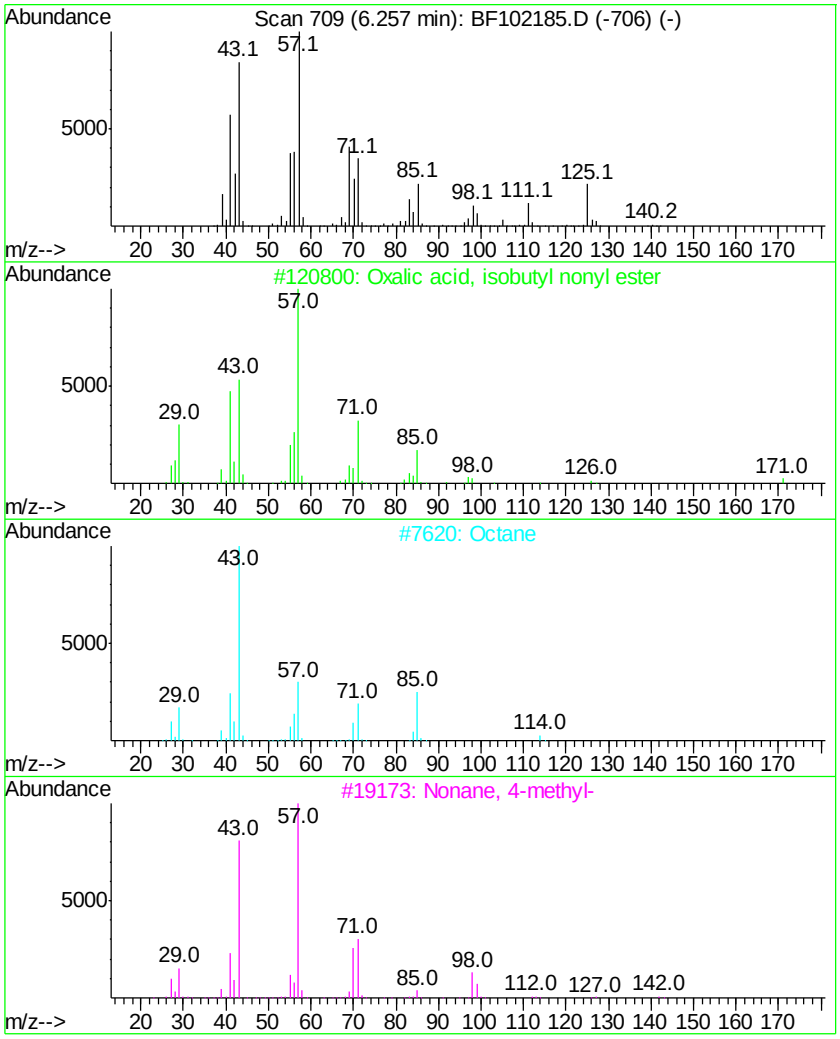
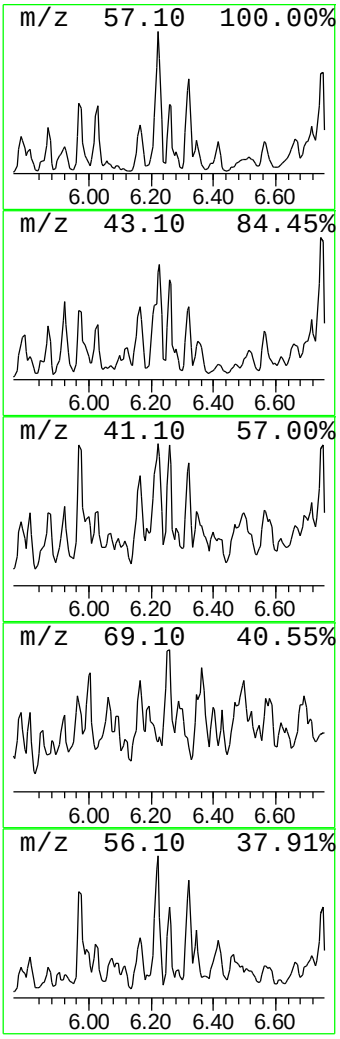
Peak Number 13 unknown6.26 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	55.51 ng	3061930	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
2	Octane	114	C8H18	000111-65-9	43
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	38
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38





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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
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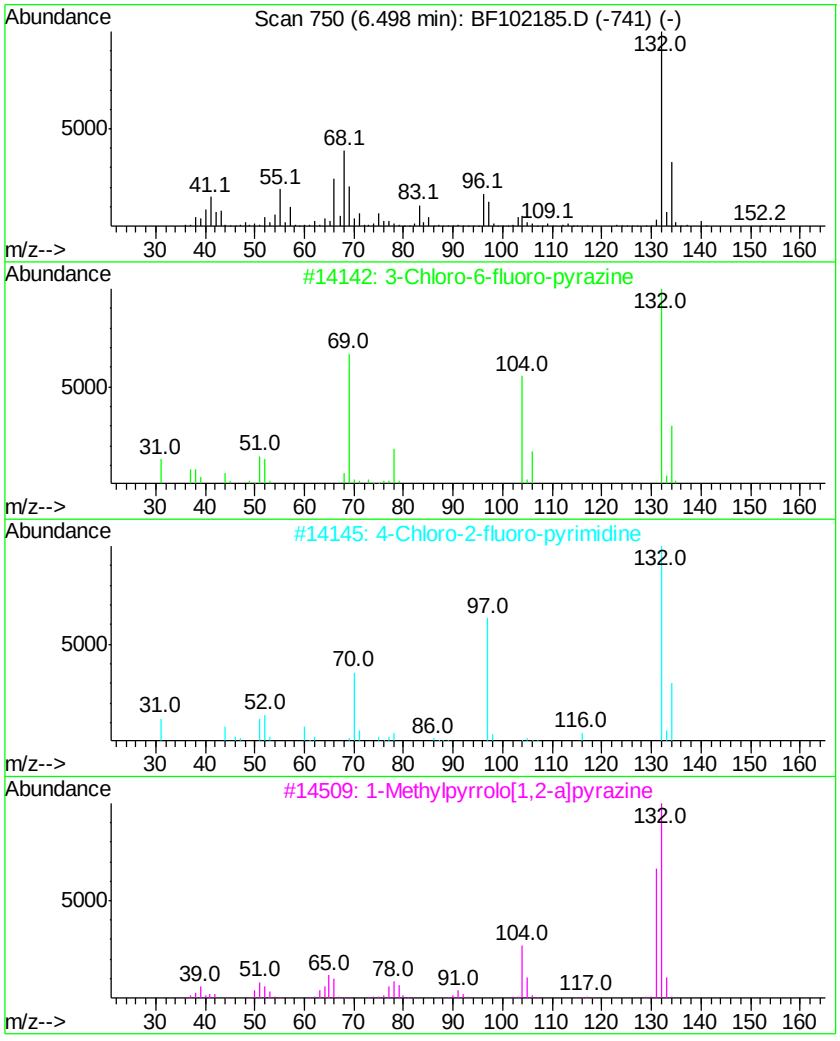
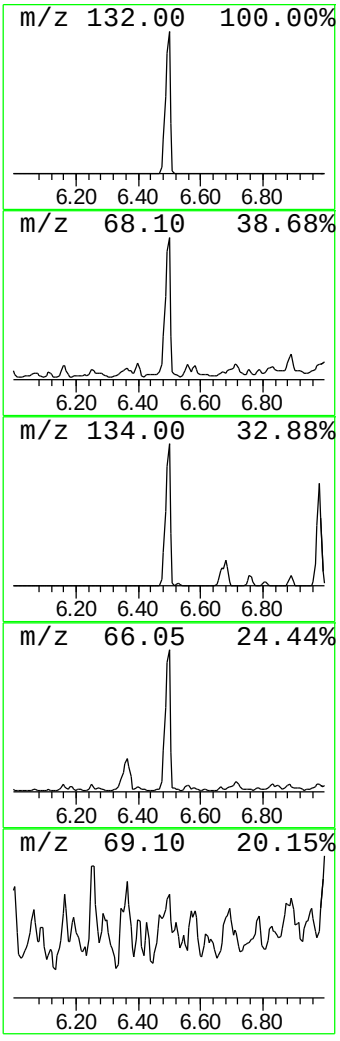
Peak Number 14 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	144.26 ng	7957590	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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TIC Library : C:\DATABASE\NIST11.L
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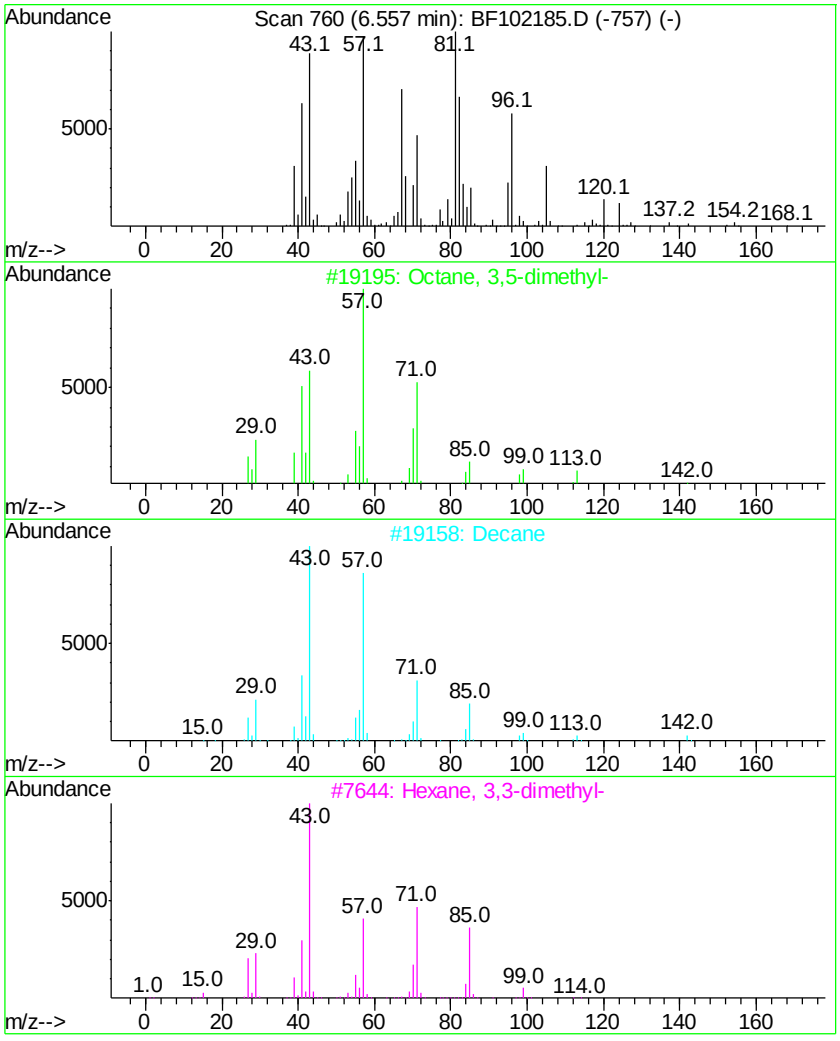
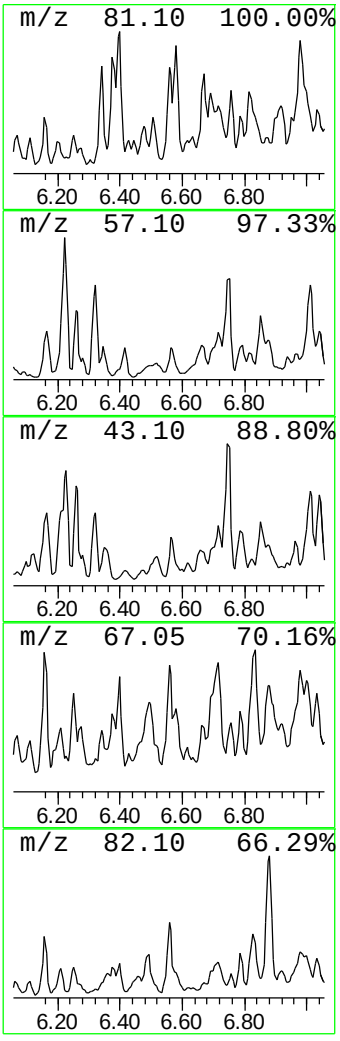
Peak Number 15 Octane, 3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	39.84 ng	2197820	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
2	Decane	142	C10H22	000124-18-5	45
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
4	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	38
5	Tridecane	184	C13H28	000629-50-5	38





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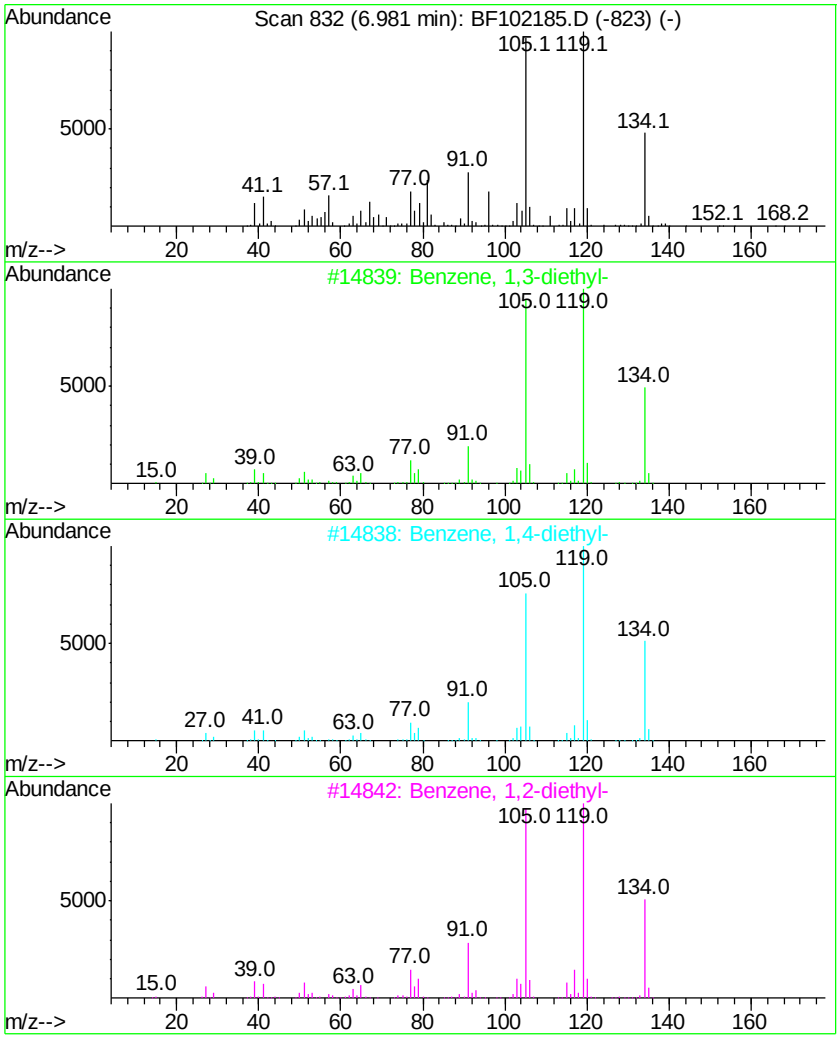
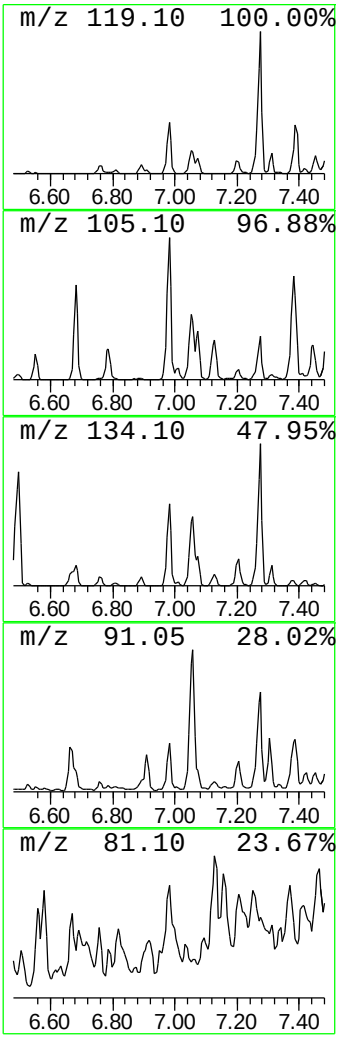
Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	81.62 ng	4501950	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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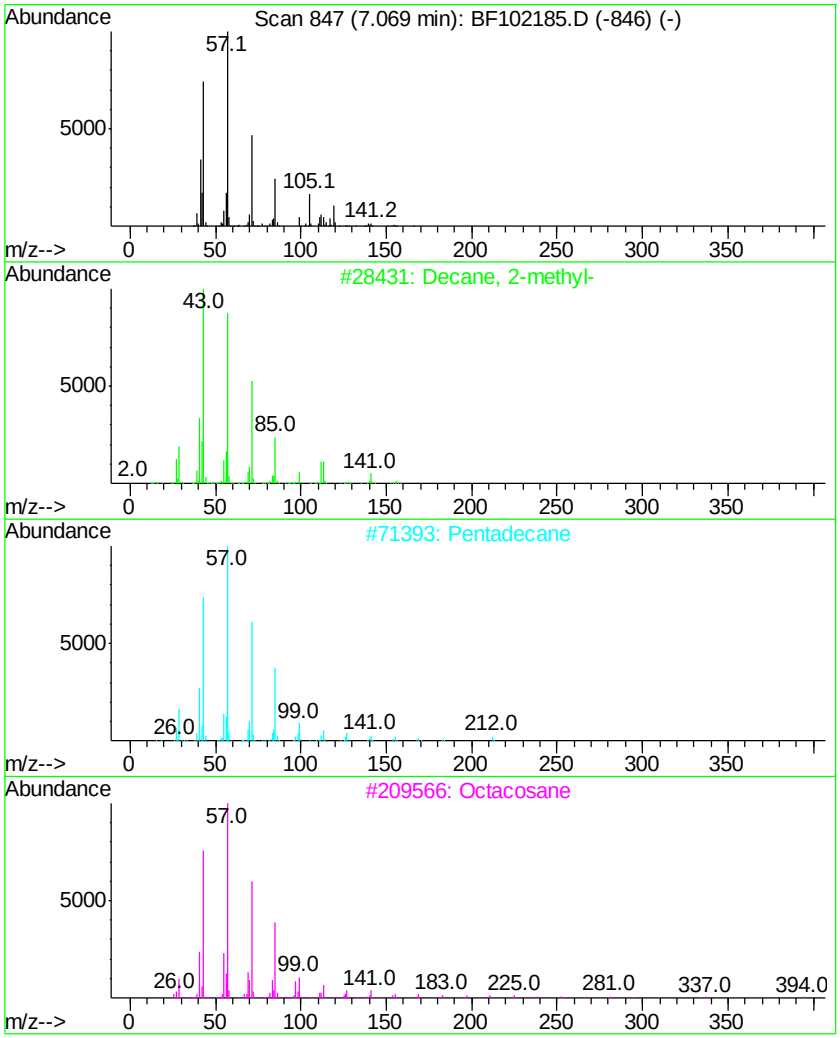
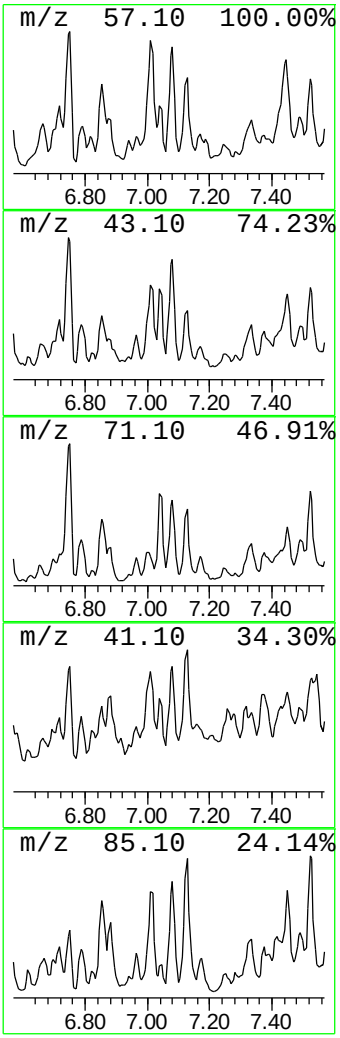
Peak Number 19 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	50.87 ng	2805720	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	59
2	Pentadecane	212	C15H32	000629-62-9	53
3	Octacosane	394	C28H58	000630-02-4	53
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53
5	Hexadecane	226	C16H34	000544-76-3	53





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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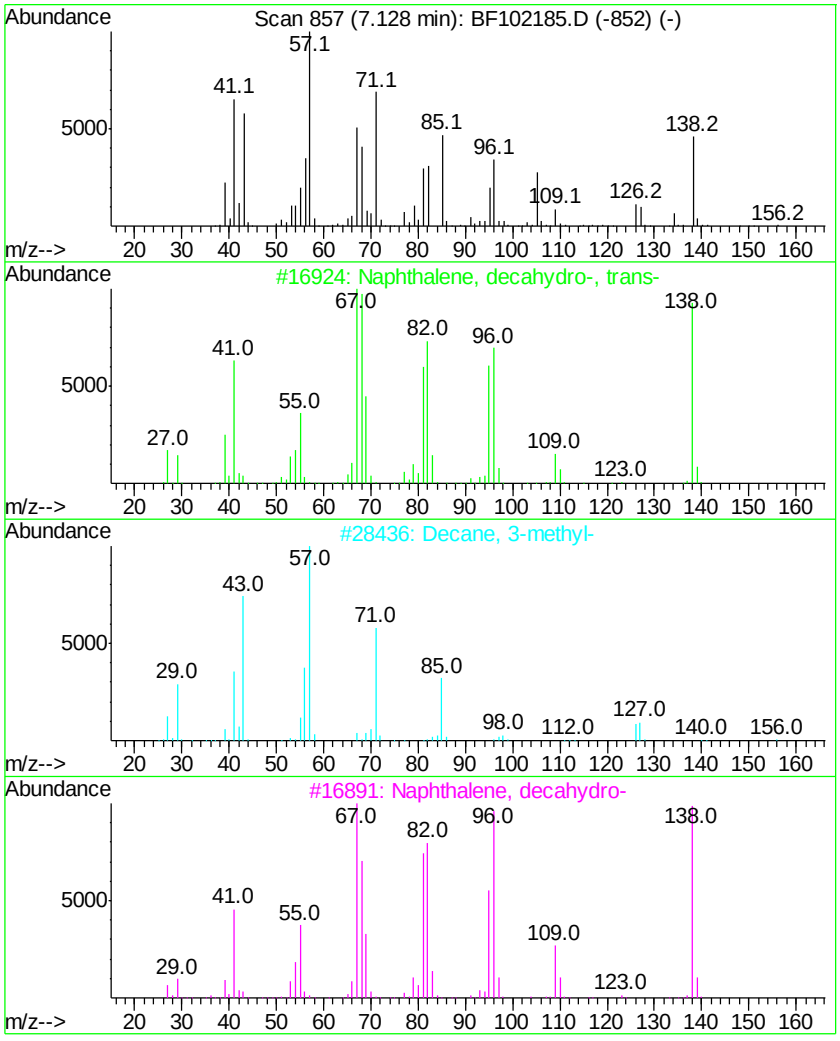
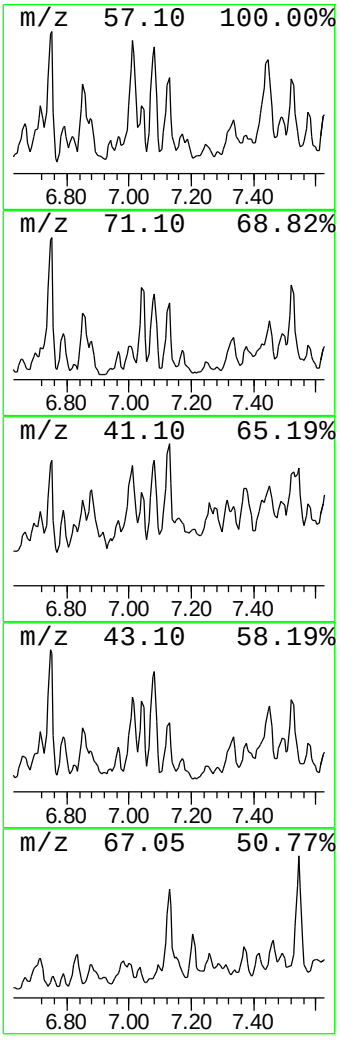
Peak Number 20 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	78.27 ng	4317250	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	70
2	Decane, 3-methyl-	156	C11H24	013151-34-3	38
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	38
4	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	30
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	27





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102185.D
Acq On : 18 Jan 2018 8:09
Operator : SJ/JU
Sample : J1144-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IGW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3,4-tr...	3.30	48.4	ng	2670730	1	6.73	1103200	20.0
Pentane, 2,3,3-tr...	3.45	46.6	ng	2571310	1	6.73	1103200	20.0
Heptane, 2-methyl-	3.66	40.2	ng	2219500	1	6.73	1103200	20.0
Heptane, 3-methyl-	3.82	41.2	ng	2273140	1	6.73	1103200	20.0
Hexane, 2,2,4-tri...	3.98	46.9	ng	2589160	1	6.73	1103200	20.0
Heptane, 2,5-dime...	4.83	47.5	ng	2621070	1	6.73	1103200	20.0
unknown5.59	5.59	65.5	ng	3611920	1	6.73	1103200	20.0
1-Ethyl-3-methylc...	5.74	41.8	ng	2304820	1	6.73	1103200	20.0
unknown5.87	5.87	67.2	ng	3704860	1	6.73	1103200	20.0
unknown5.97	5.97	67.8	ng	3736930	1	6.73	1103200	20.0
Trichloroacetic a...	6.16	66.4	ng	3663480	1	6.73	1103200	20.0
Decane, 2,5,6-tri...	6.22	77.7	ng	4286130	1	6.73	1103200	20.0
unknown6.26	6.26	55.5	ng	3061930	1	6.73	1103200	20.0
unknown6.50	6.50	144.3	ng	7957590	1	6.73	1103200	20.0
Octane, 3,5-dimet...	6.56	39.8	ng	2197820	1	6.73	1103200	20.0
Benzene, 1,3-diet...	6.98	81.6	ng	4501950	1	6.73	1103200	20.0
Decane, 2-methyl-	7.07	50.9	ng	2805720	1	6.73	1103200	20.0
Naphthalene, deca...	7.13	78.3	ng	4317250	1	6.73	1103200	20.0