LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

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-BF022218.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	5.493	575	579	596	rBV	938196	2084818	85.99%	4.885%
2	5.745	619	622	629	rVB	112542	130128	5.37%	0.305%
3	5.863	636	642	646	rVB4	53797	90114	3.72%	0.211%
4	5.998	661	665	669	rVB2	63321	84289	3.48%	0.198%
5	6.093	675	681	686	rBV2	130118	268854	11.09%	0.630%
6	6.275	707	712	716	rBV2	105720	143369	5.91%	0.336%
7	6.334	720	722	725	rVB	122940	109936	4.53%	0.258%
8	6.375	725	729	735	rBV3	301375	450972	18.60%	1.057%
9	6.428	735	738	740	rVB	100877	83313	3.44%	0.195%
10	6.510	746	752	760	rBV	1154293	2179631	89.90%	5.107%
11	6.634	769	773	777	rBV	1807672	2043060	84.27%	4.787%
12	6.675	777	780	787	rVB	1236399	1251128	51.60%	2.932%
13	6.804	799	802	804	rBV3	89129	91388	3.77%	0.214%
14	6.857	807	811	817	rVV2	726734	908359	37.46%	2.129%
15	6.904	817	819	821	rVV2	105186	93681	3.86%	0.220%
16	6.951	825	827	830	rVB	96788	89191	3.68%	0.209%
17	6.987	830	833	834	rBV	263173	216901	8.95%	0.508%
18	7.010	834	837	845	rVB	1473016	1595802	65.82%	3.739%
19	7.116	849	855	858	rBV3	278391	367589	15.16%	0.861%
20	7.145	858	860	862	rVB2	123936	96176	3.97%	0.225%
21	7.175	862	865	870	rVB2	280139	312057	12.87%	0.731%
22	7.222	870	873	875	rBV	190122	197431	8.14%	0.463%
23	7.239	875	876	878	rVB	179840	101838	4.20%	0.239%
24	7.263	878	880	886	rVB3	103721	143729	5.93%	0.337%
25	7.316	886	889	891	rBV2	108912	116956	4.82%	0.274%
26	7.381	895	900	904	rBV2	251169	337576	13.92%	0.791%
27	7.434	904	909	914	rBV2	1863952	2424558	100.00%	5.681%
28	7.469	914	915	917	rVV2	140448	141725	5.85%	0.332%
29	7.487	917	918	921	rVB3	207188	176026	7.26%	0.412%
30	7.539	921	927	930	rBV2	138284	197659	8.15%	0.463%
31	7.622	938	941	943	rBV2	181919	155917	6.43%	0.365%
32	7.651	943	946	952	rVB4	236440	307019	12.66%	0.719%
33	7.745	959	962	964	rBV2	142502	121356	5.01%	0.284%
34	7.769	964	966	967	rBV	125470	89394	3.69%	0.209%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.834	975	977	980	rBV2	119321	106044	4.37%	0.248%
36	7.875	980	984	987	rVV	365548	393256	16.22%	0.922%
37	7.916	989	991	993	rVB	160641	110894	4.57%	0.260%
38	7.945	993	996	999	rBV3	104685	123387	5.09%	0.289%
39	7.998	1003	1005	1008	rVB2	137153	122408	5.05%	0.287%
40	8.075	1016	1018	1020	rVV2	83508	89934	3.71%	0.211%
41	8.104	1020	1023	1027	rVV	1304858	1206775	49.77%	2.828%
42	8.139	1027	1029	1032	rVV	1123558	1219855	50.31%	2.858%
43	8.181	1034	1036	1039	rVV	597646	517053	21.33%	1.212%
44	8.216	1039	1042	1047	rVB4	143752	217658	8.98%	0.510%
45	8.334	1059	1062	1064	rVB2	151936	134899	5.56%	0.316%
46	8.416	1073	1076	1081	rVB4	301803	380887	15.71%	0.893%
47	8.469	1081	1085	1088	rBV5	107294	154049	6.35%	0.361%
48	8.498	1088	1090	1095	rVB2	163132	163467	6.74%	0.383%
49	8.539	1095	1097	1100	rBV	420155	360130	14.85%	0.844%
50	8.569	1100	1102	1107	rVB5	88840	82128	3.39%	0.192%
51	8.639	1110	1114	1116	rBV3	148103	144040	5.94%	0.338%
52	8.663	1116	1118	1121	rVB2	89685	87086	3.59%	0.204%
53	8.716	1121	1127	1131	rBV	997415	871422	35.94%	2.042%
54	8.810	1139	1143	1148	rVB3	145441	216754	8.94%	0.508%
55	8.857	1148	1151	1156	rBV	256173	284089	11.72%	0.666%
56	8.957	1165	1168	1173	rVV	281068	286651	11.82%	0.672%
57	8.998	1173	1175	1176	rVV2	98977	82953	3.42%	0.194%
58	9.034	1179	1181	1186	rVB4	112522	140696	5.80%	0.330%
59	9.081	1186	1189	1191	rBV	146190	130851	5.40%	0.307%
60	9.145	1197	1200	1203	rVB	266335	199843	8.24%	0.468%
61	9.216	1208	1212	1219	rBV	2197354	2146977	88.55%	5.031%
62	9.281	1219	1223	1228	rVV	782271	681693	28.12%	1.597%
63	9.322	1228	1230	1234	rVV2	95952	102640	4.23%	0.241%
64	9.416	1244	1246	1253	rVB2	56409	88226	3.64%	0.207%
65	9.486	1254	1258	1262	rBV2	110528	152666	6.30%	0.358%
66	9.557	1267	1270	1273	rVV	170835	166155	6.85%	0.389%
67	9.598	1273	1277	1285	rVB3	329151	642273	26.49%	1.505%
68	9.757	1300	1304	1308	rBV4	60140	105882	4.37%	0.248%
69	9.810	1310	1313	1317	rVB	548056	442448	18.25%	1.037%
70	9.898	1325	1328	1332	rVV2	1248029	1185261	48.89%	2.777%
71	9.933	1332	1334	1341	rVB	203266	230306	9.50%	0.540%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.110	1359	1364	1366	rBV2	141240	206354	8.51%	0.484%
73	10.139	1366	1369	1372	rVB2	91582	129604	5.35%	0.304%
74	10.216	1378	1382	1385	rBV	67550	83798	3.46%	0.196%
75	10.310	1391	1398	1401	rBV	433231	411374	16.97%	0.964%
76	10.451	1415	1422	1429	rBV	192388	265986	10.97%	0.623%
77	10.528	1431	1435	1438	rVV2	144755	167581	6.91%	0.393%
78	10.698	1460	1464	1476	rBV2	1016146	1278933	52.75%	2.997%
79	10.786	1476	1479	1487	rVB	289585	424248	17.50%	0.994%
80	11.233	1552	1555	1557	rBV	204981	180103	7.43%	0.422%
81	11.263	1557	1560	1562	rVV	90465	99729	4.11%	0.234%
82	11.292	1563	1565	1574	rVB2	89084	126088	5.20%	0.295%
83	11.398	1579	1583	1585	rBV	999464	1006923	41.53%	2.359%
84	11.422	1585	1587	1593	rVB	1156873	1024180	42.24%	2.400%
85	11.475	1593	1596	1600	rBV	271526	262952	10.85%	0.616%
86	11.657	1622	1627	1630	rBV2	162067	195395	8.06%	0.458%
87	11.904	1665	1669	1672	rBV3	317463	392014	16.17%	0.919%
88	11.927	1672	1673	1679	rVB2	160382	158635	6.54%	0.372%
89	12.010	1684	1687	1690	rBV2	157424	192912	7.96%	0.452%
90	12.069	1695	1697	1699	rVB	108556	82620	3.41%	0.194%
91	12.192	1716	1718	1721	rBV	91245	82984	3.42%	0.194%
92	12.451	1759	1762	1767	rBV3	148518	235760	9.72%	0.552%
93	12.616	1787	1790	1793	rBV	791512	896507	36.98%	2.101%
94	12.692	1801	1803	1810	rBV5	87950	115269	4.75%	0.270%
95	12.833	1824	1827	1828	rBV2	227162	247817	10.22%	0.581%
96	12.851	1828	1830	1836	rVB	744552	682373	28.14%	1.599%
97	12.980	1848	1852	1858	rBV	1368593	1253663	51.71%	2.938%
98	13.857	1999	2001	2007	rBV2	267131	287196	11.85%	0.673%
99	14.057	2031	2035	2038	rBV2	659600	868571	35.82%	2.035%
100	15.574	2291	2293	2298	rVB2	292643	342128	14.11%	0.802%

Sum of corrected areas: 42675373

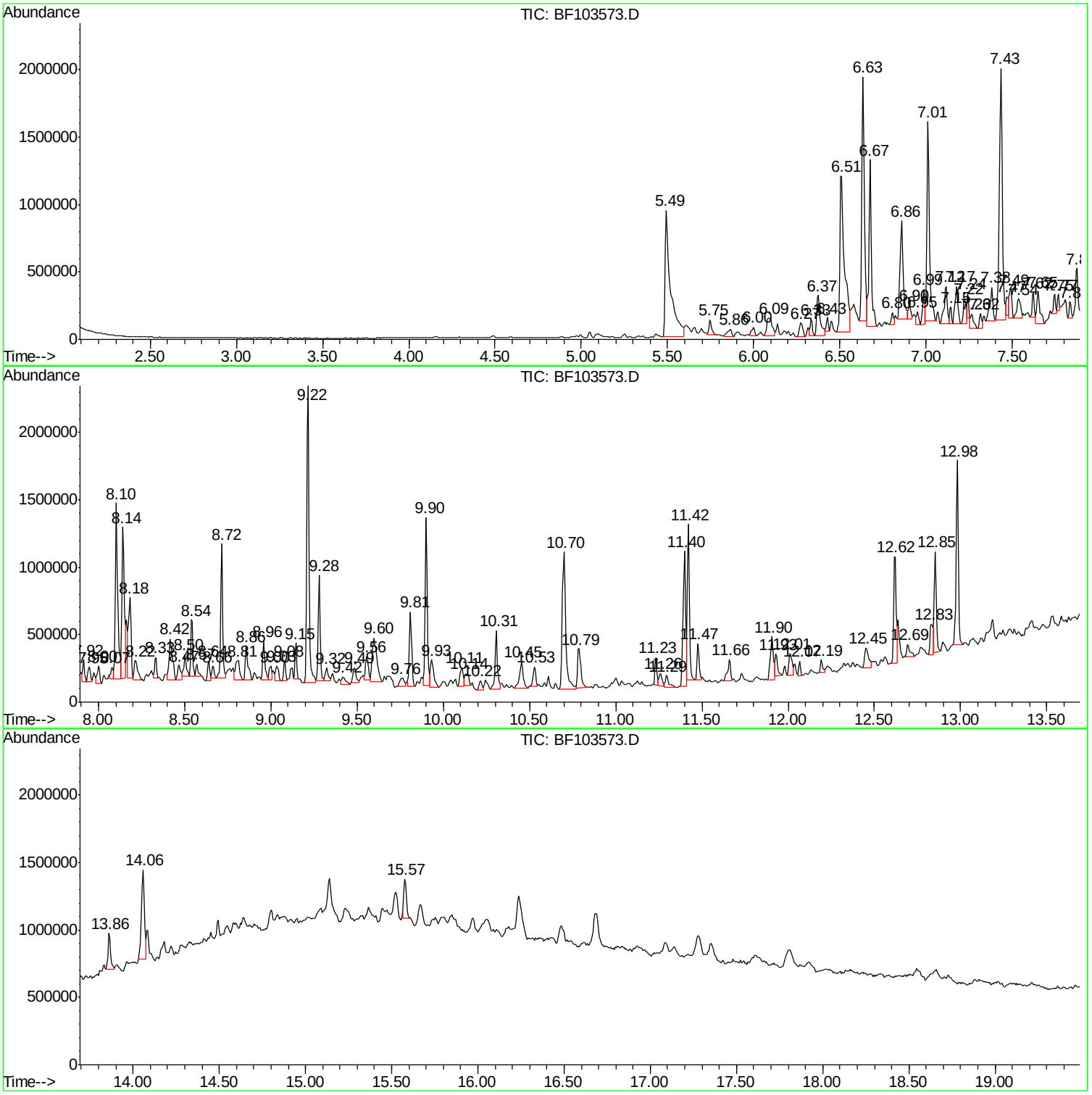
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

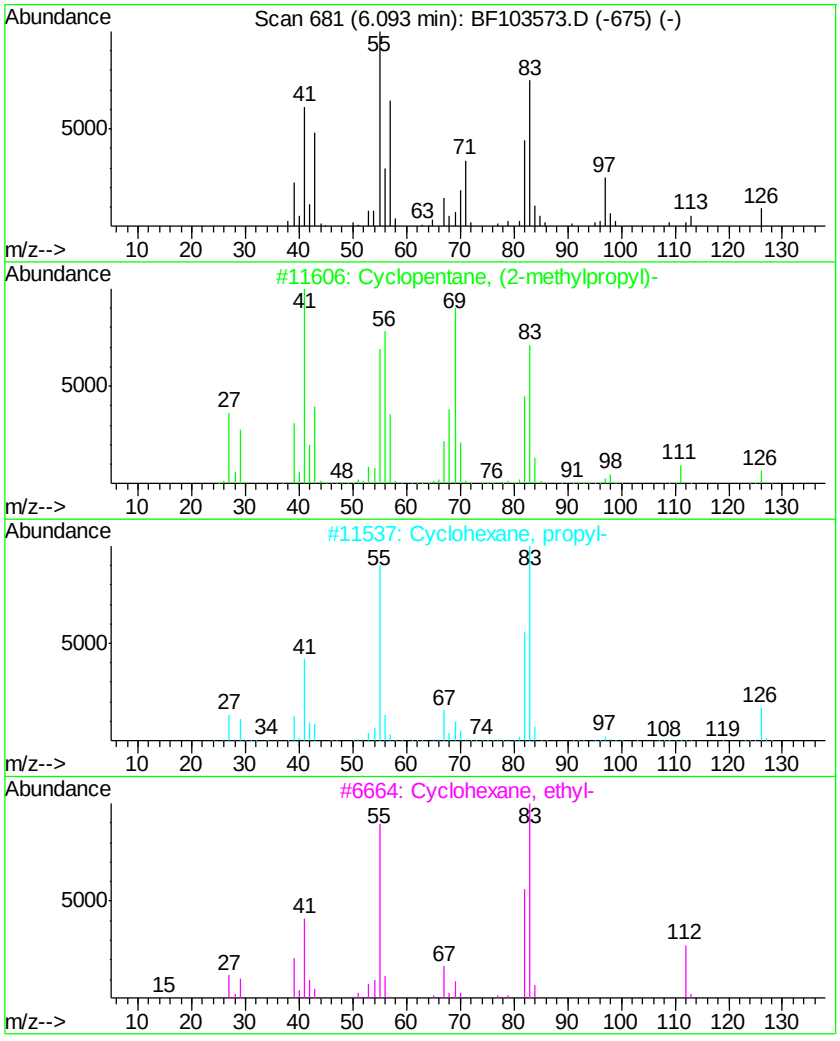
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

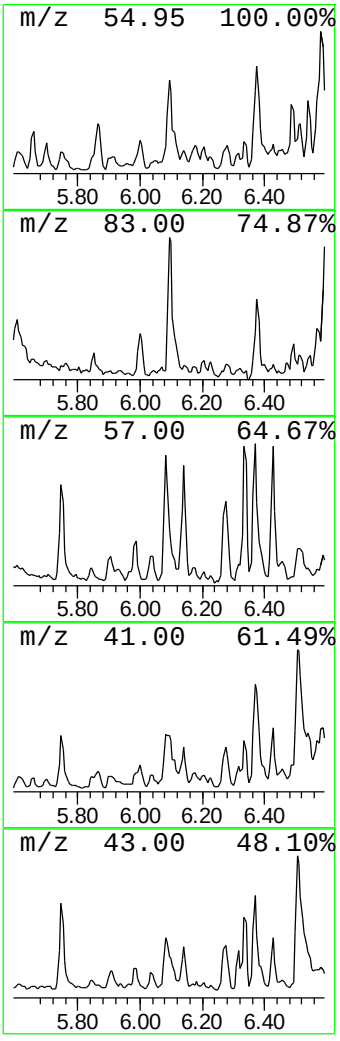
****

Peak Number 1 Cyclopentane, (2-methylprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	5.92 ng	268854	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	58
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	52
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

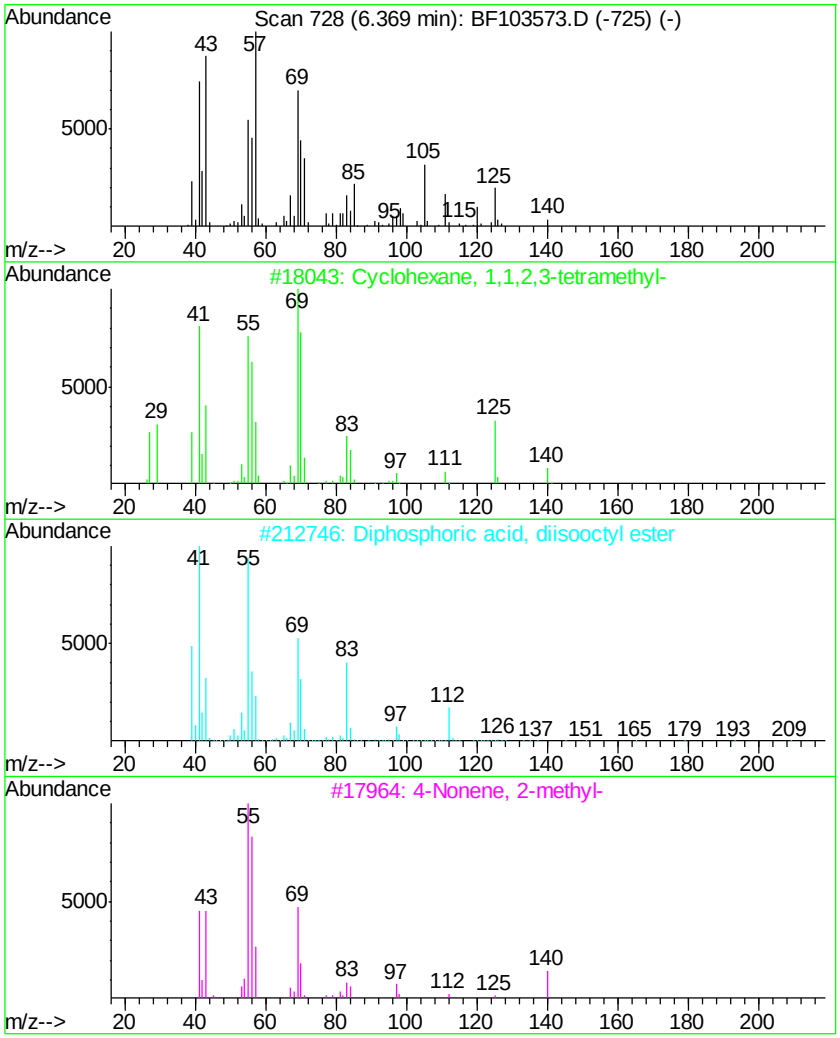
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

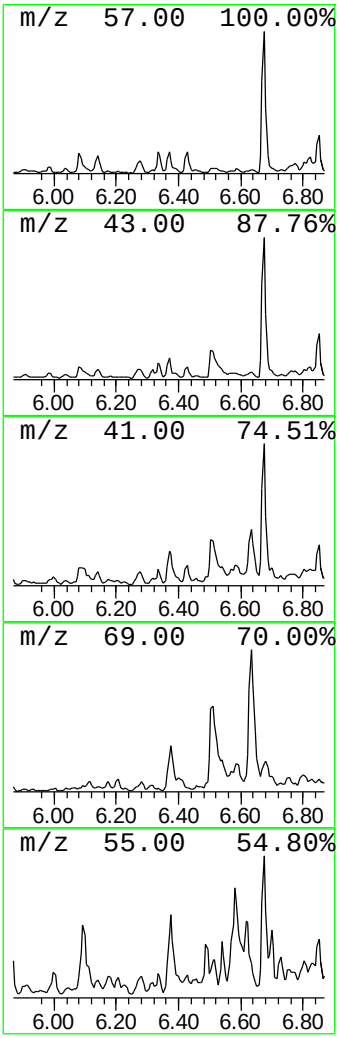
****

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	9.93 ng	450972	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
2	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	49
3	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	46
4	3-Nonene, 2-methyl-	140	C10H20	053966-53-3	46
5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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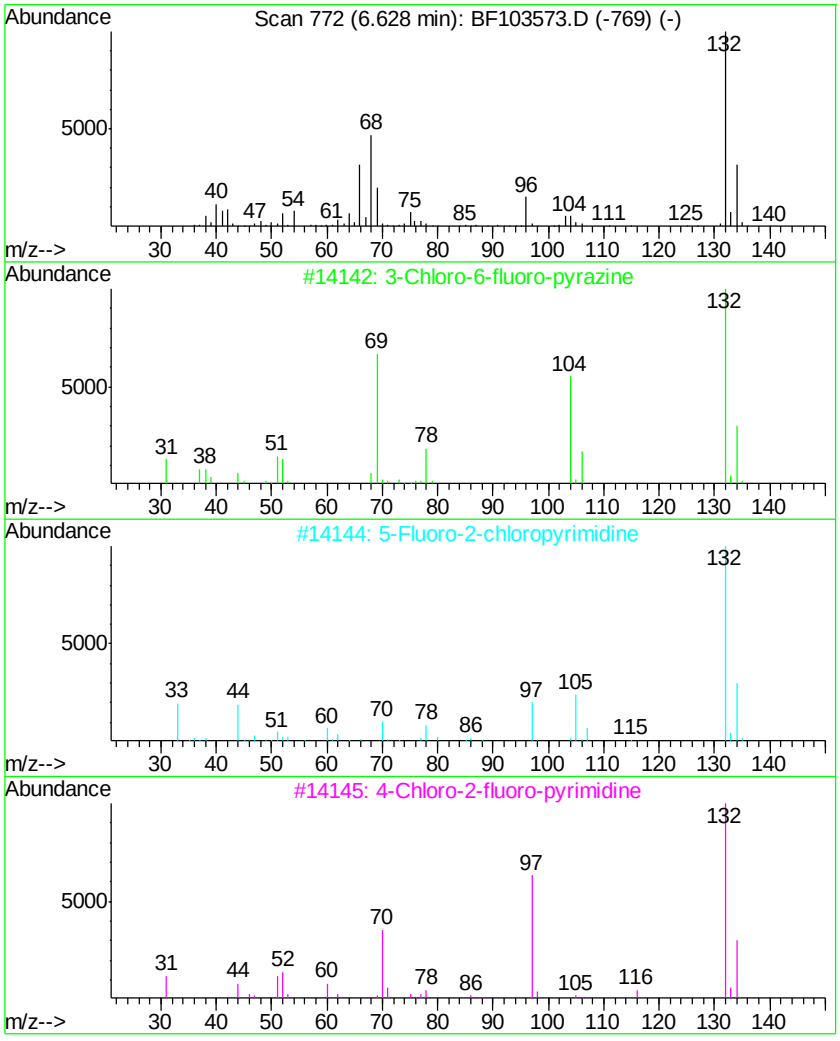
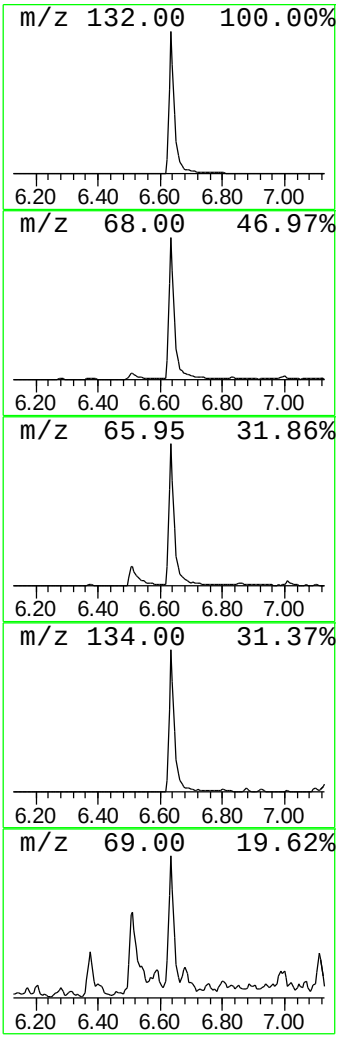
Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	44.98 ng	2043060	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

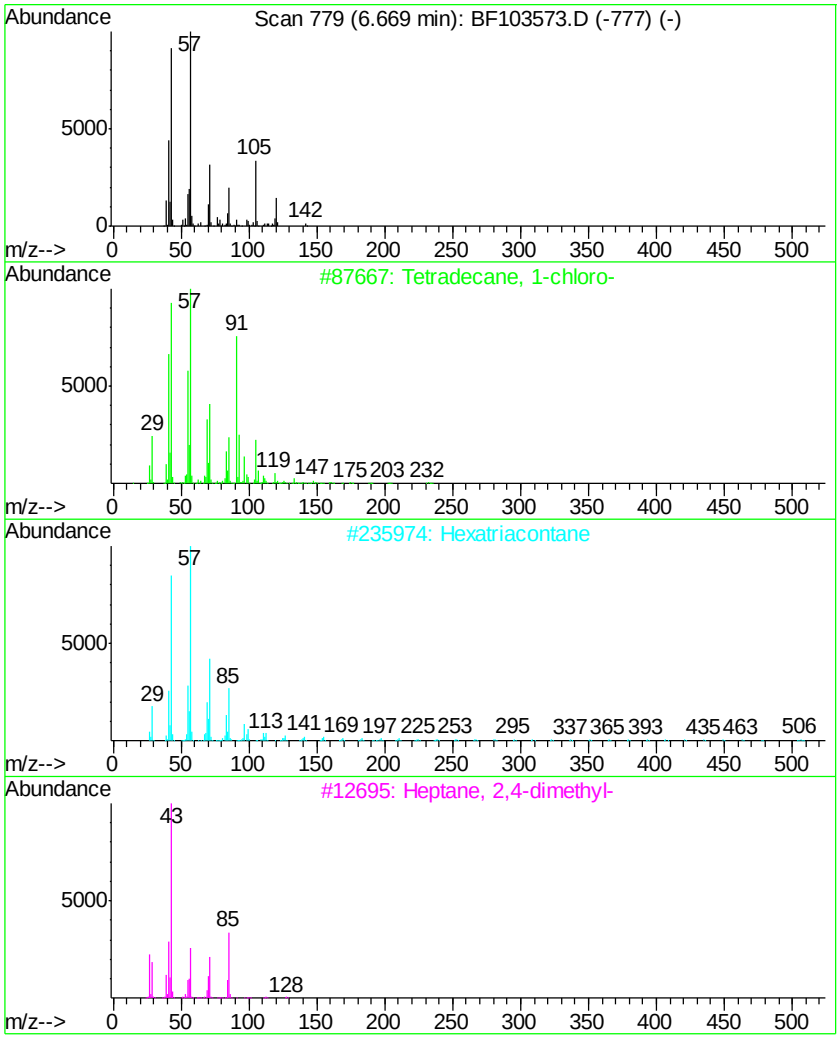
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

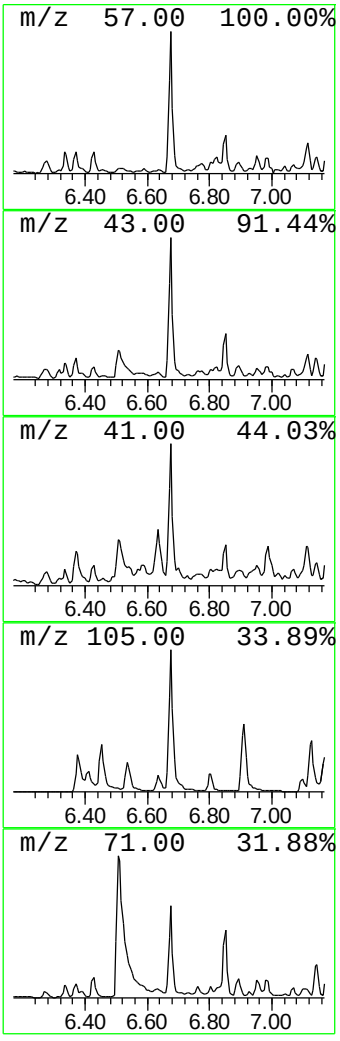
****

Peak Number 4 Tetradecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	27.55 ng	1251130	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	72
2	Hexatriacontane	507	C36H74	000630-06-8	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
4	Decane	142	C10H22	000124-18-5	49
5	Tridecane	184	C13H28	000629-50-5	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

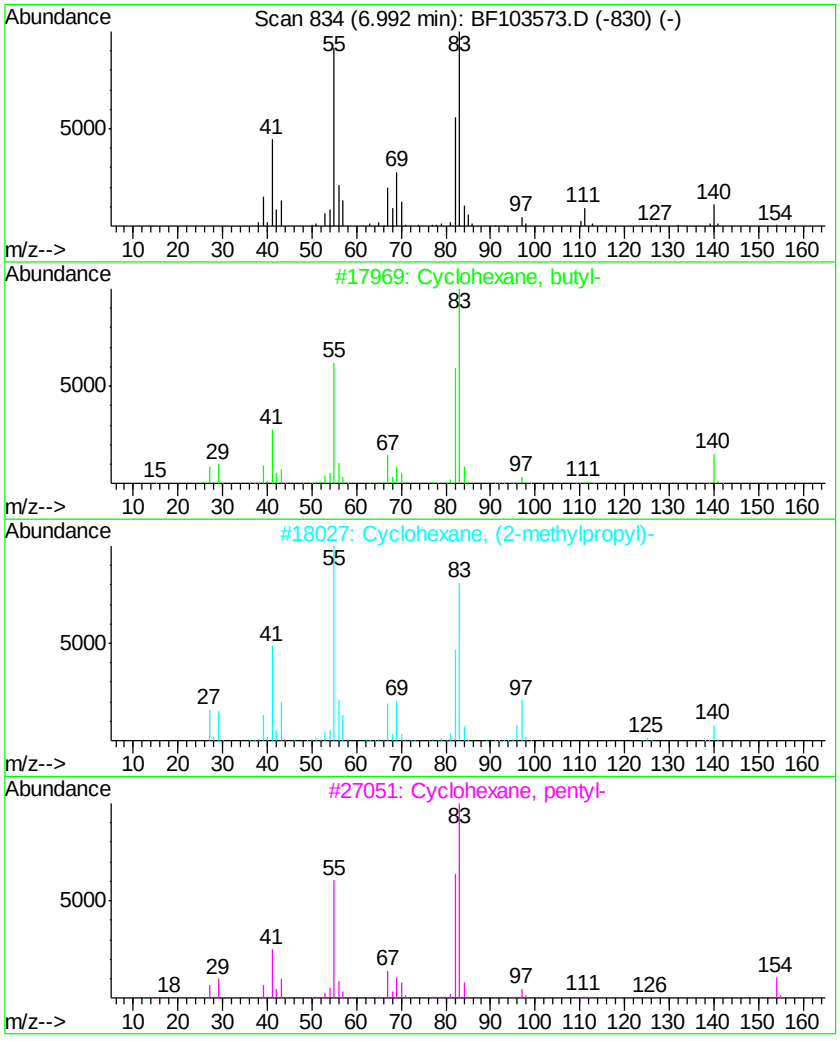
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

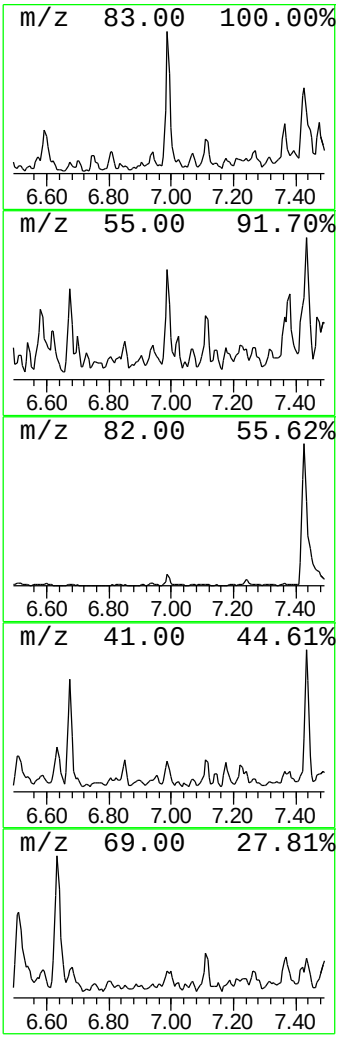
****

Peak Number 5 Cyclohexane, butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	4.78 ng	216901	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
4	3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	59
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	49





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Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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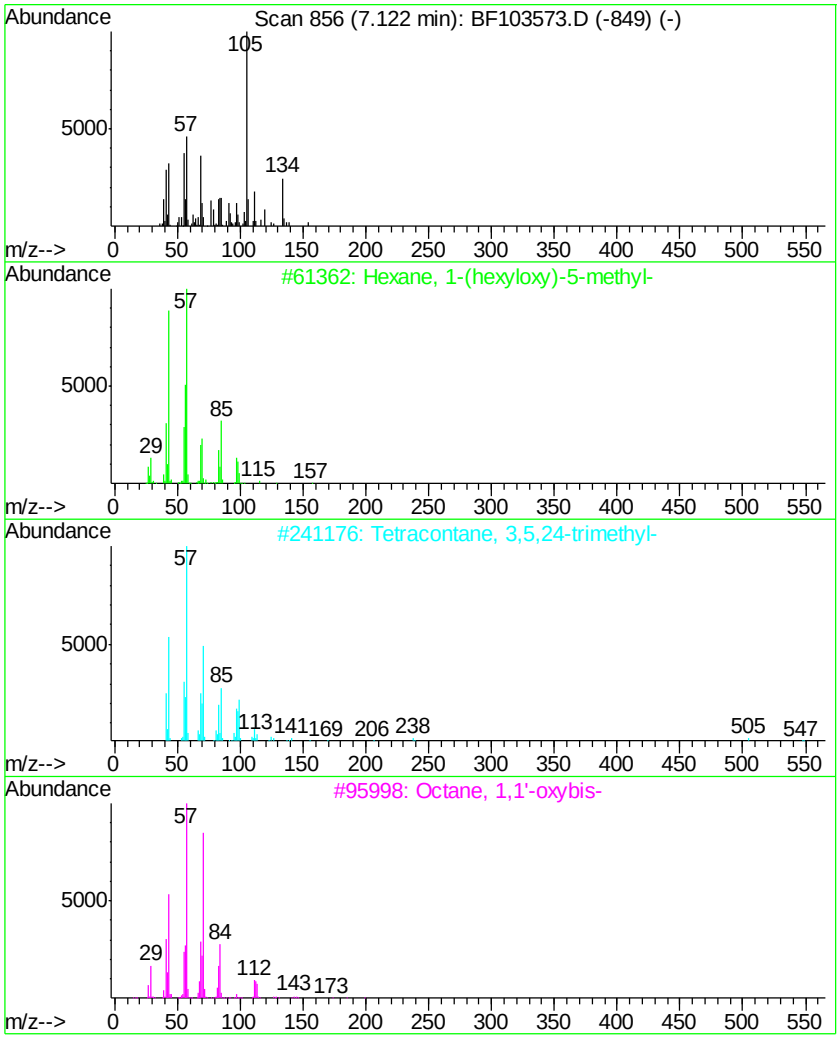
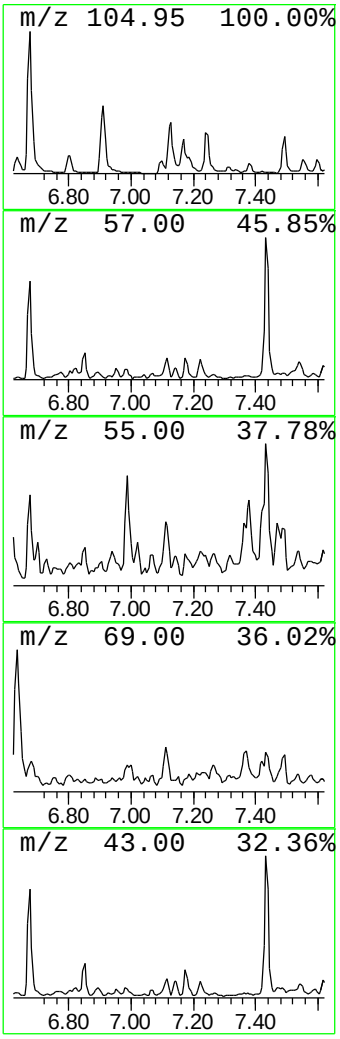
Peak Number 7 Hexane, 1-(hexyloxy)-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	8.09 ng	367589	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	52
2	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	50
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47
4	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	38
5	2-Undecene, (Z)-	154	C11H22	000821-96-5	38





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ClientSampleId : MHC-WCIS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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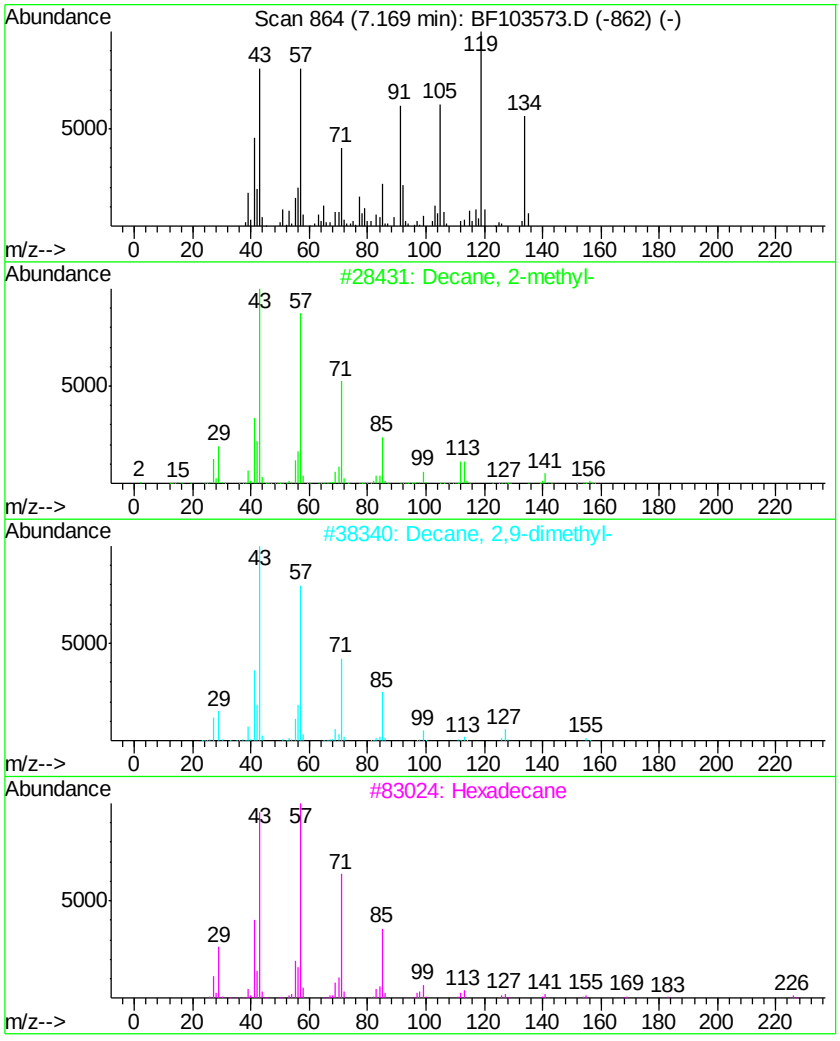
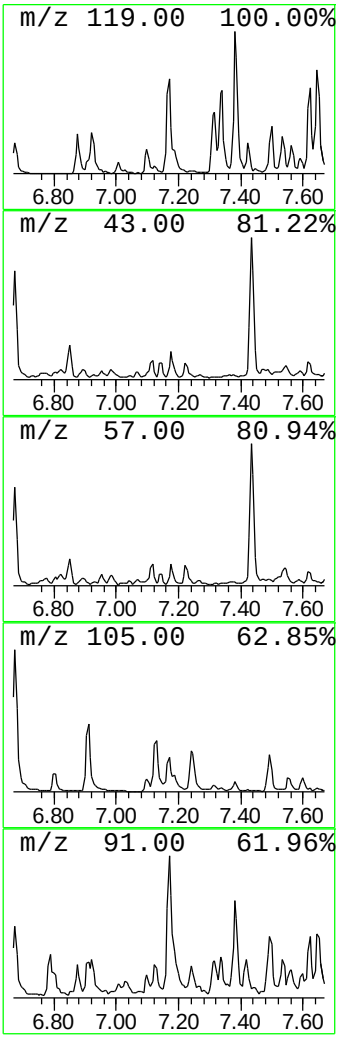
Peak Number 8 Decane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	6.87 ng	312057	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	64
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
3	Hexadecane	226	C16H34	000544-76-3	53
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	47
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47





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ClientSampleId : MHC-WCIS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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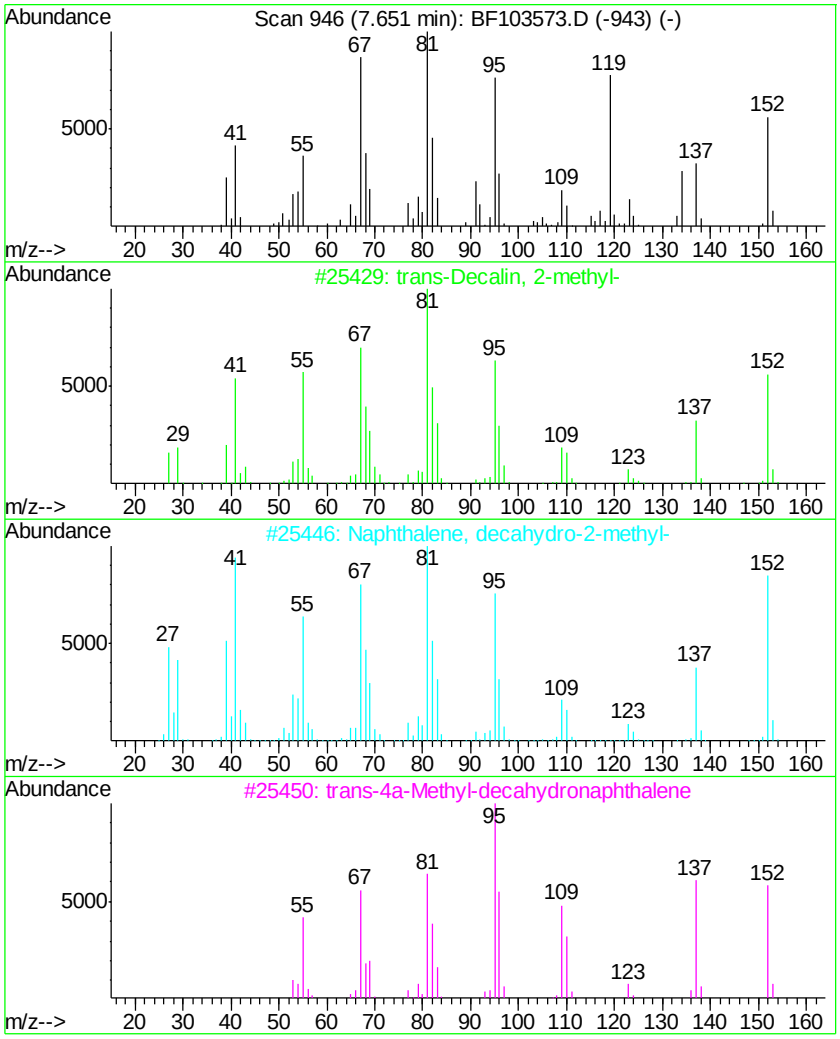
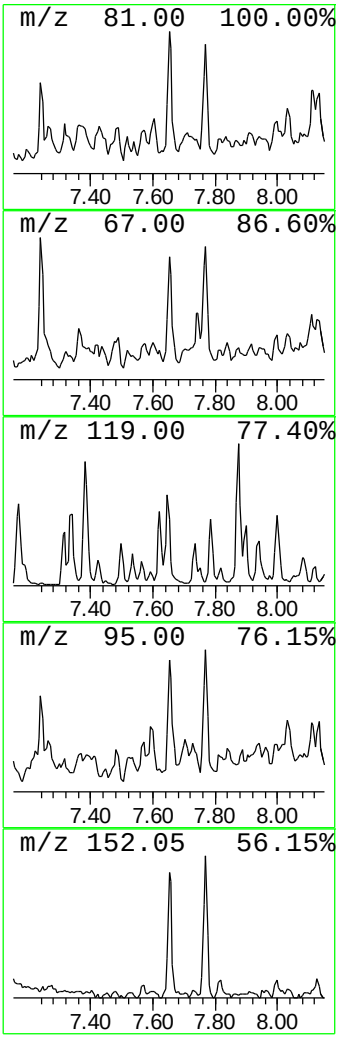
Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	5.03 ng	307019	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60
4	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	53
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	52





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ClientSampleId : MHC-WCIS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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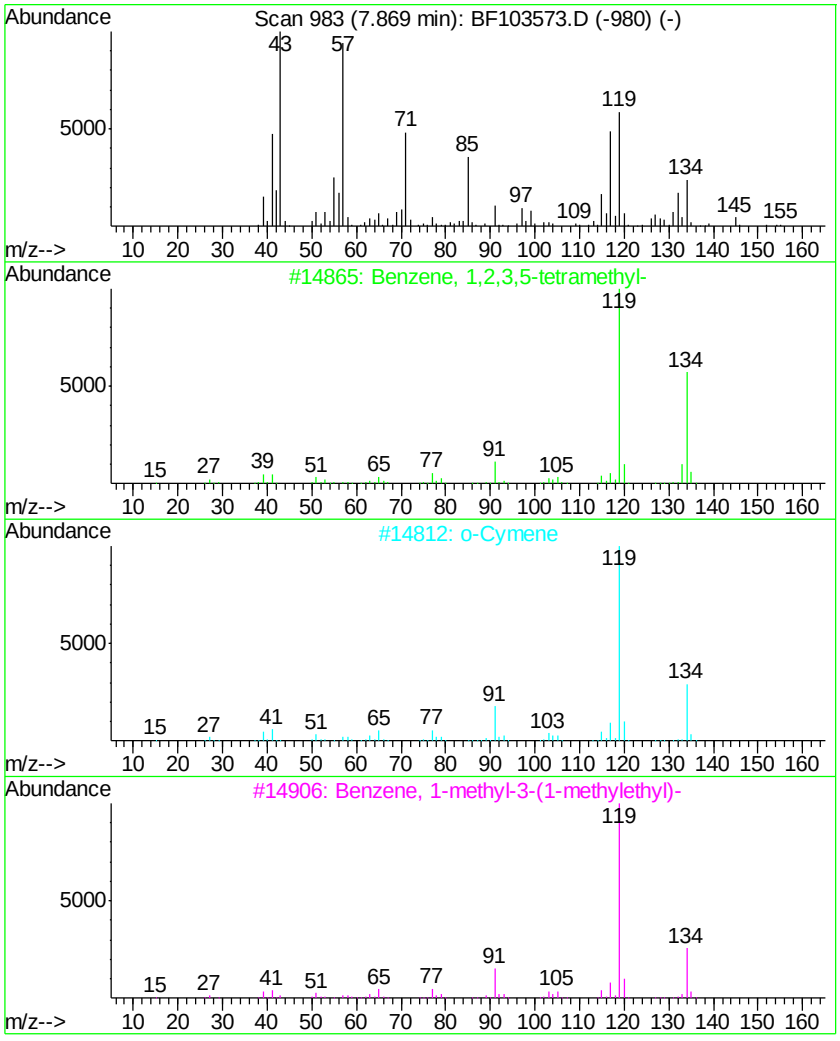
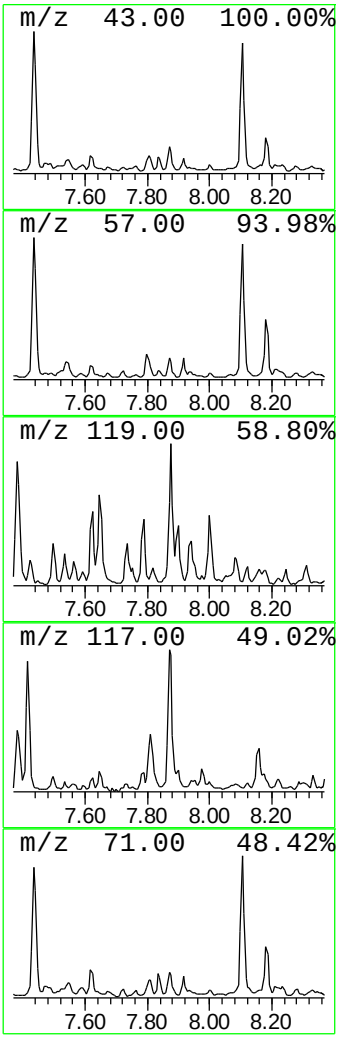
Peak Number 10 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	6.45 ng	393256	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
2	o-Cymene	134	C10H14	000527-84-4	45
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	45
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	45
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	43





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Misc :
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ClientSampleId : MHC-WCIS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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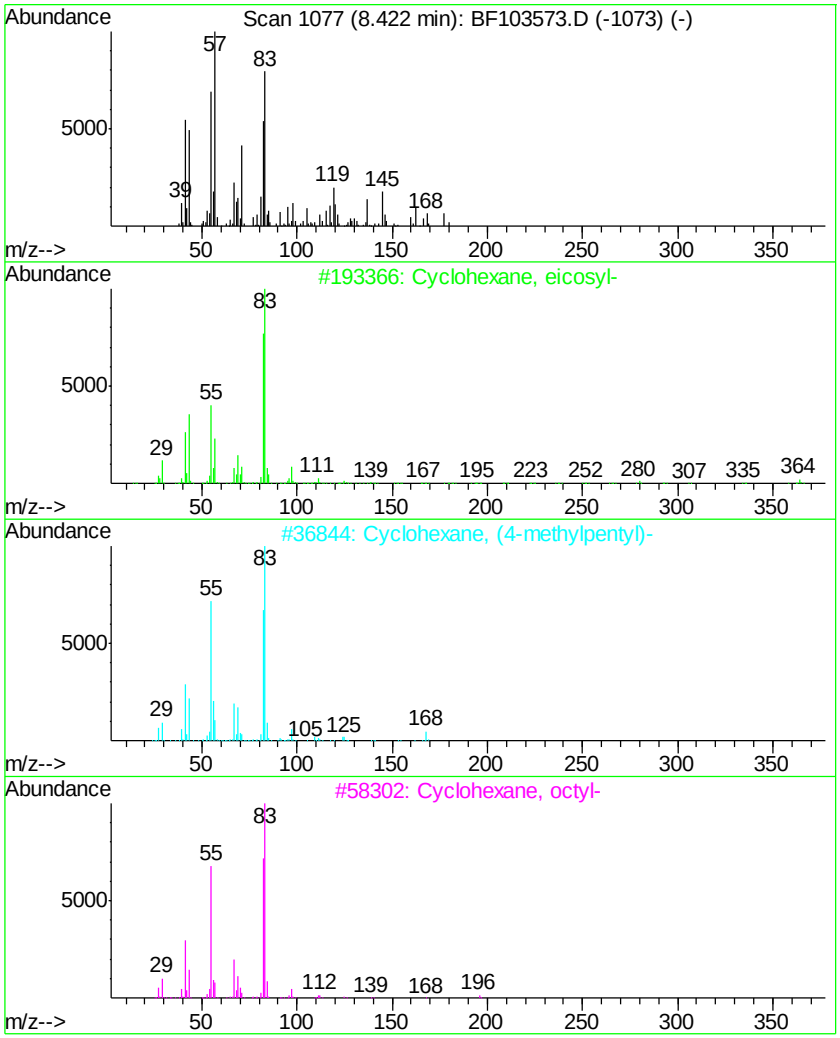
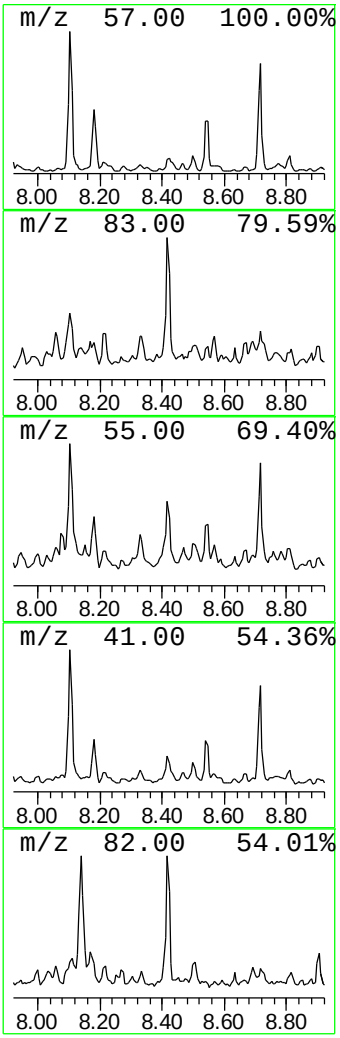
Peak Number 11 unknown8.42 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	6.24 ng	380887	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	47
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	43
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





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ClientSampleId : MHC-WCIS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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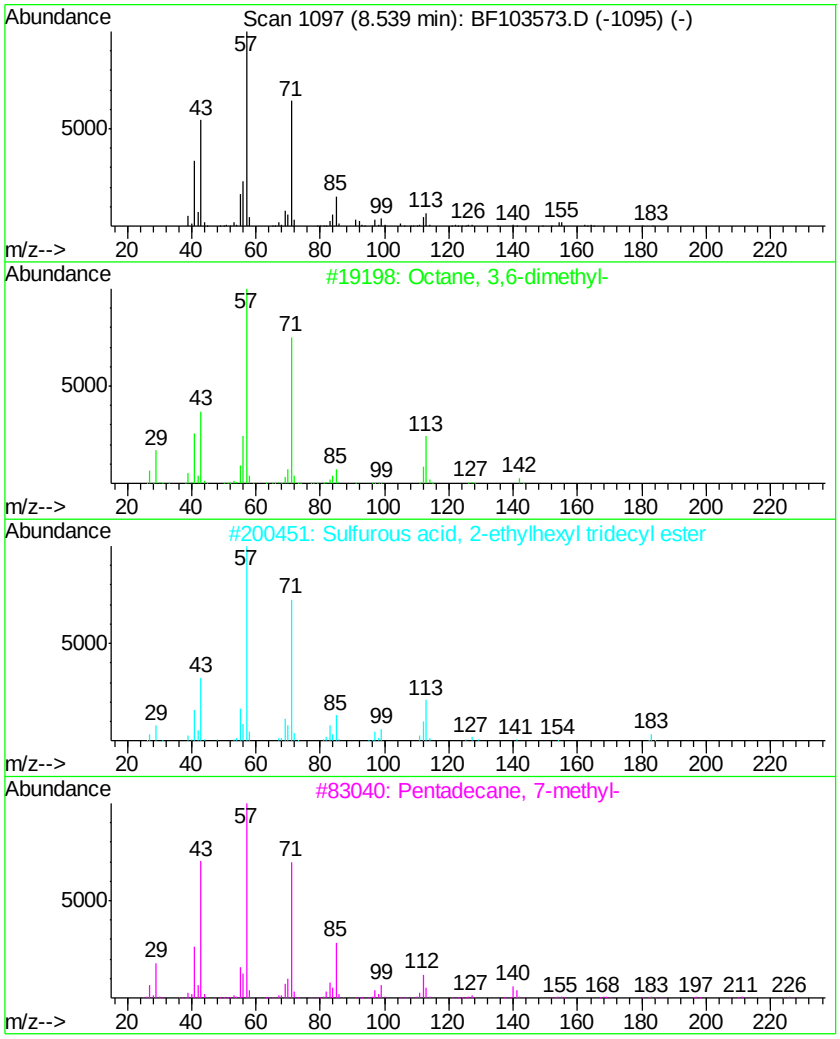
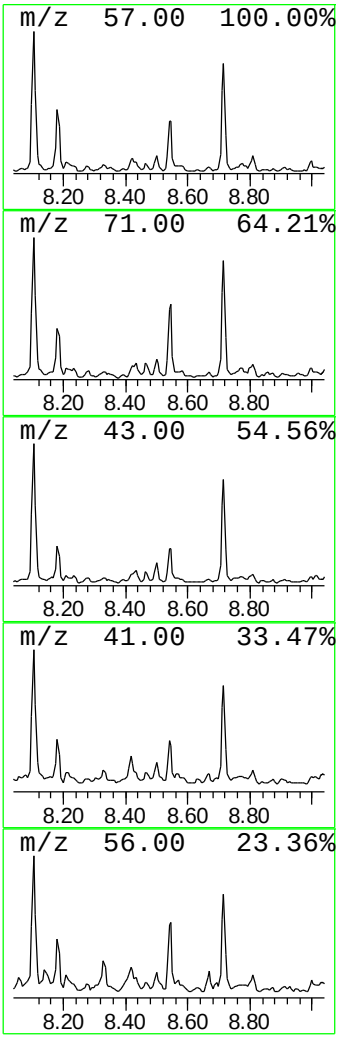
Peak Number 12 Octane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	5.90 ng	360130	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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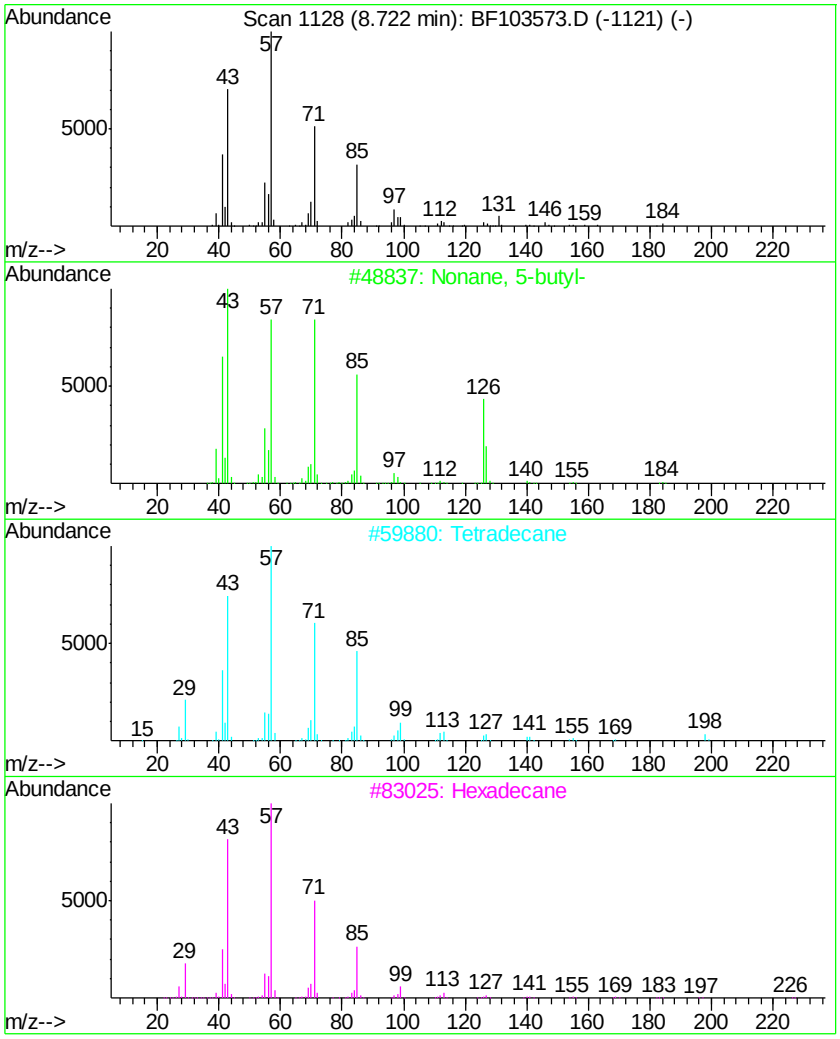
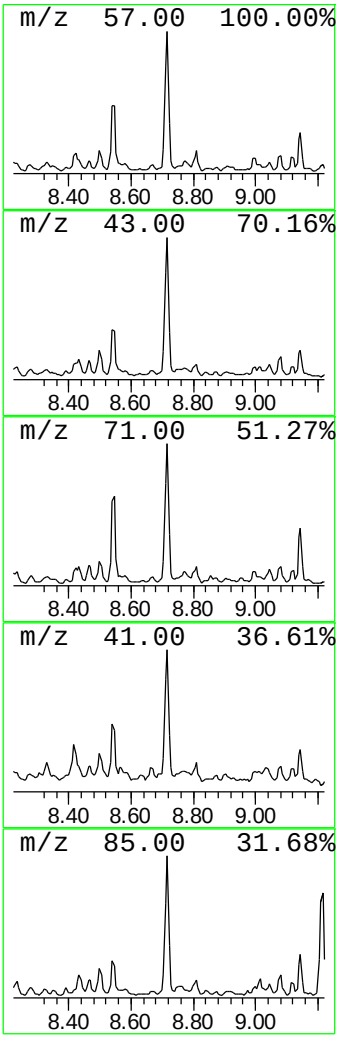
Peak Number 13 Nonane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	14.29 ng	871422	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane	170	C12H26	000112-40-3	72
5	Pentadecane	212	C15H32	000629-62-9	64





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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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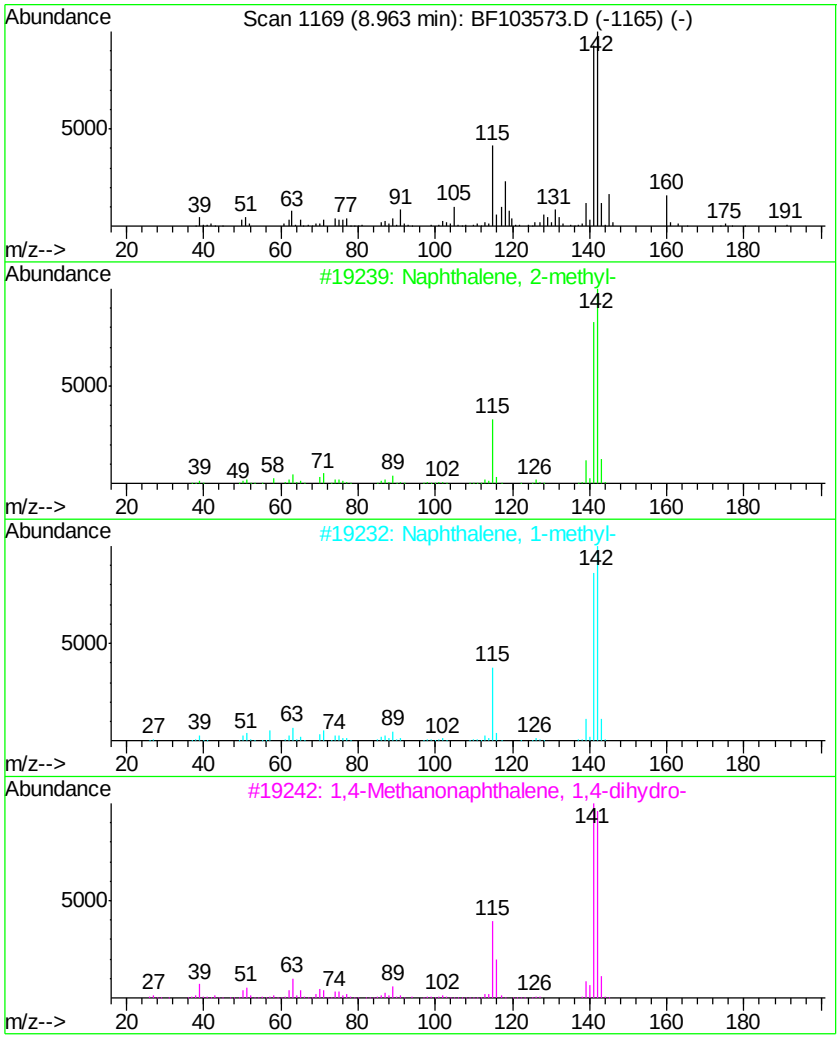
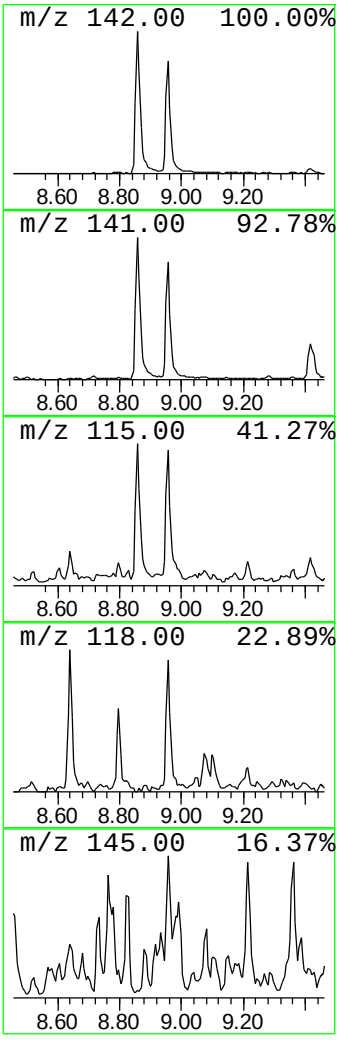
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	4.70 ng	286651	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	81
5	Benzocycloheptatriene	142	C11H10	000264-09-5	74





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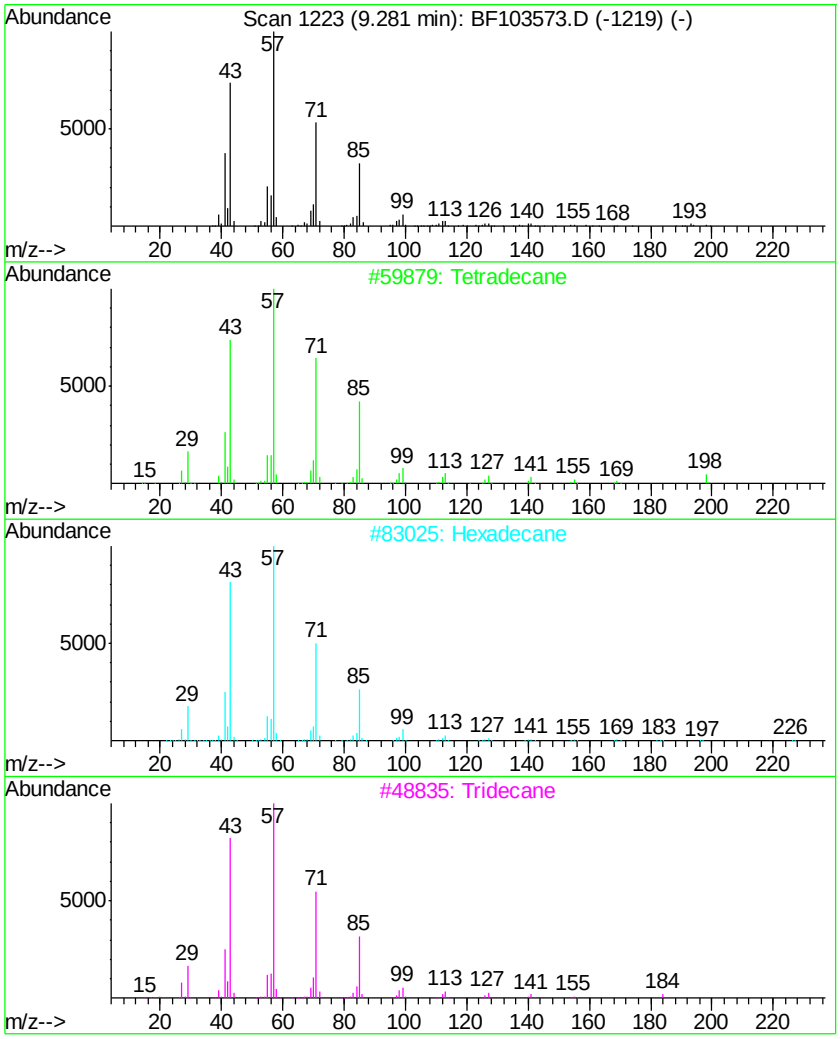
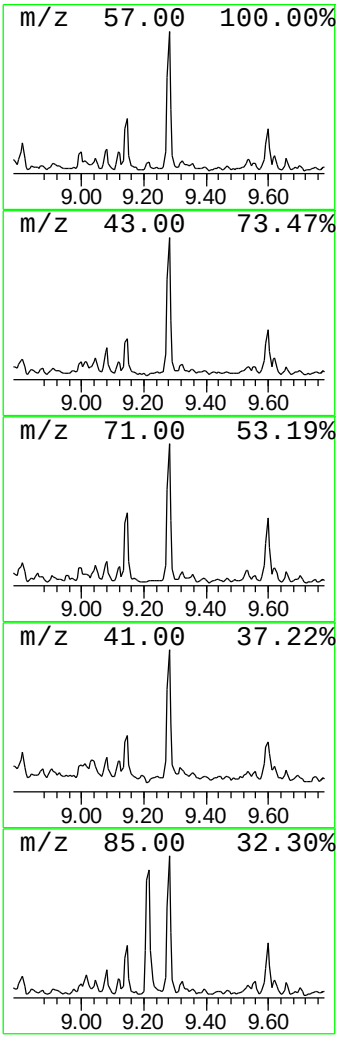
Peak Number 15 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	11.50 ng	681693	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76





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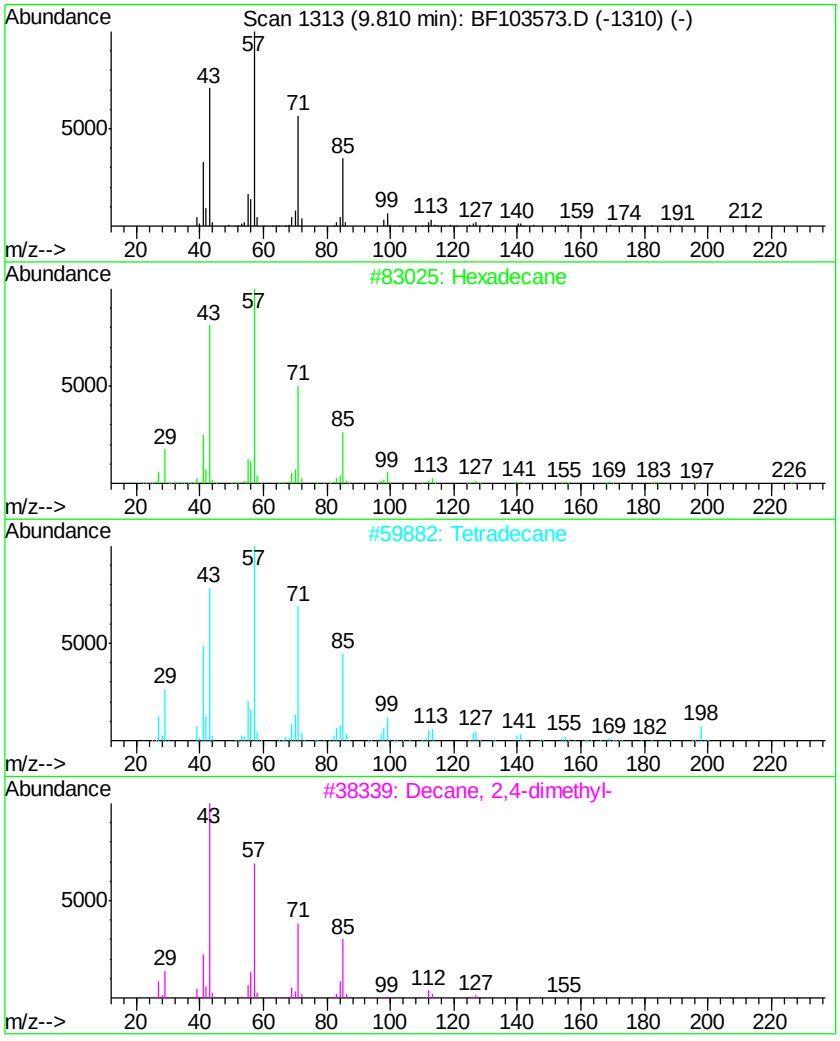
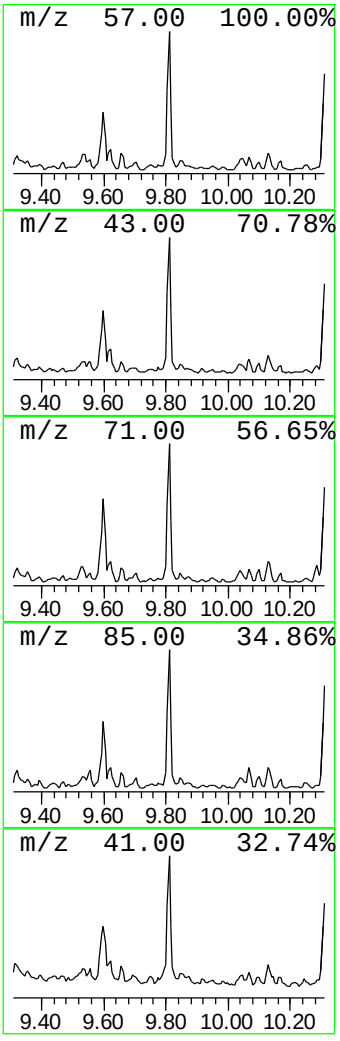
Peak Number 16 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	7.47 ng	442448	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





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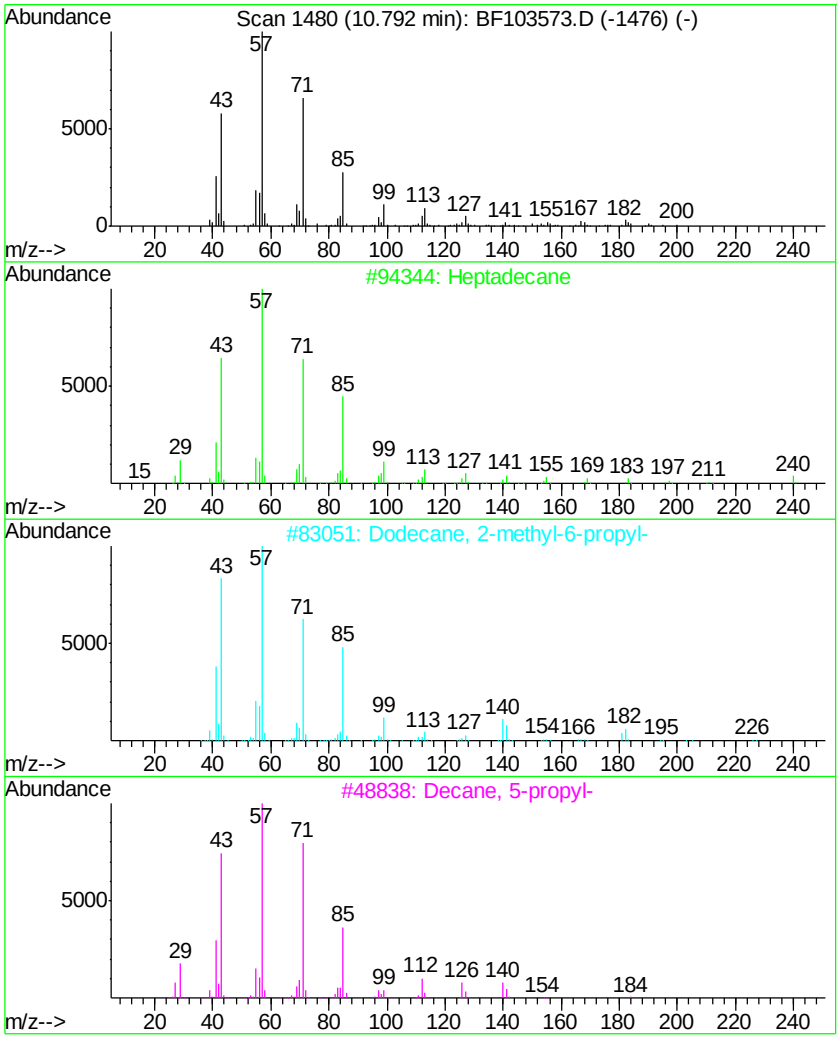
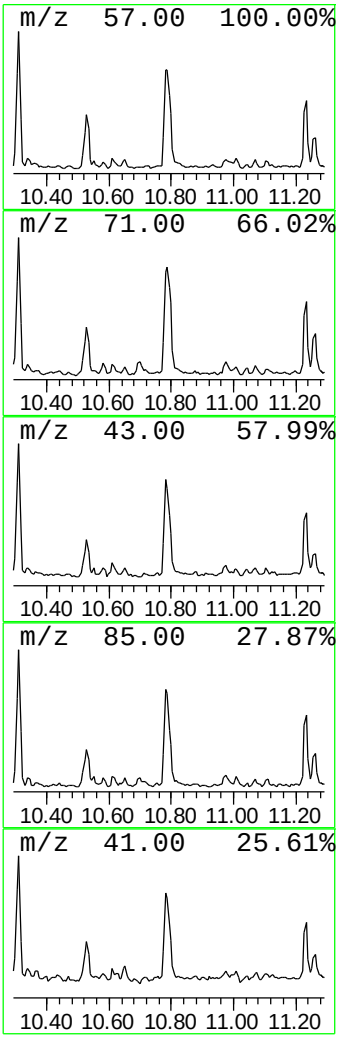
Peak Number 18 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	8.43 ng	424248	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Decane, 5-propyl-	184	C13H28	017312-62-8	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Hexadecane	226	C16H34	000544-76-3	80





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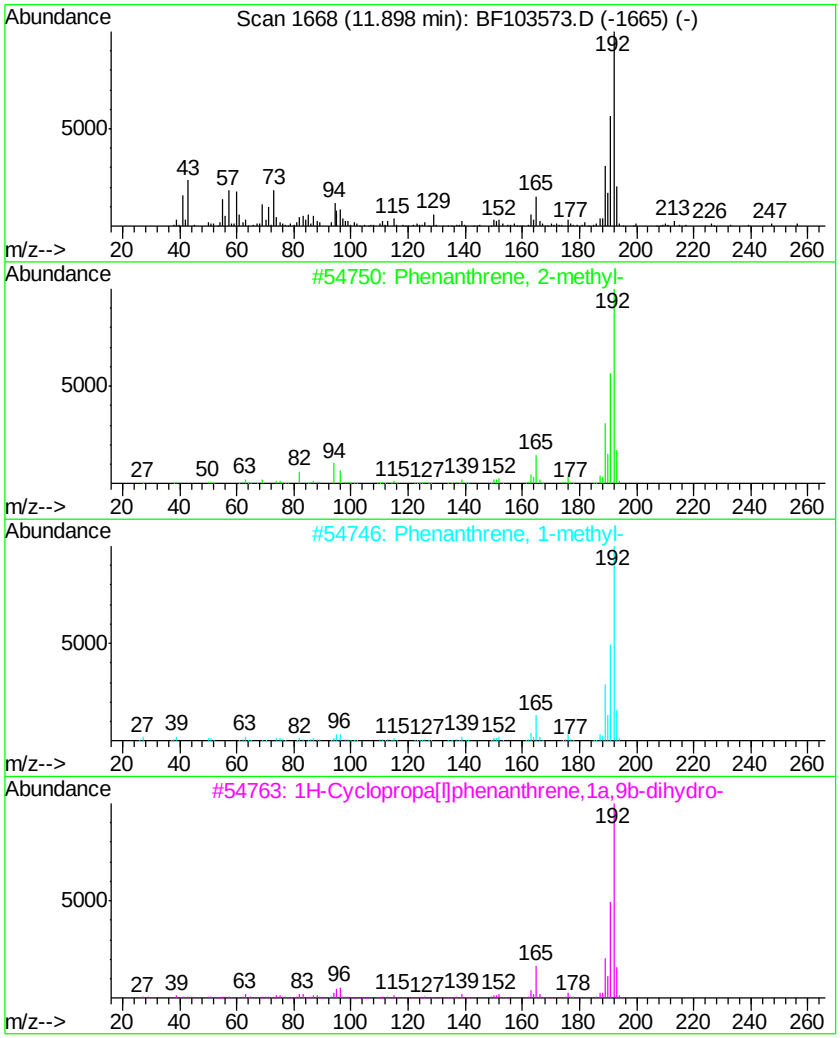
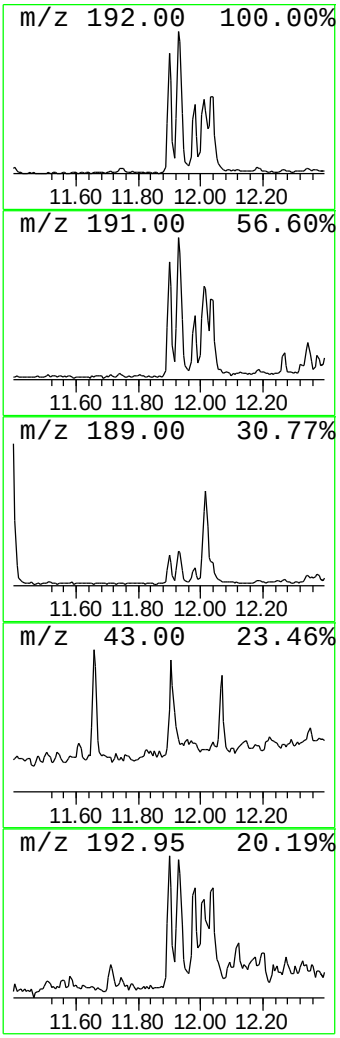
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.79 ng	392014	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

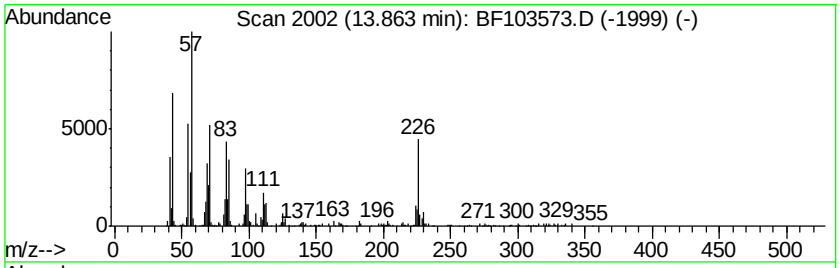
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

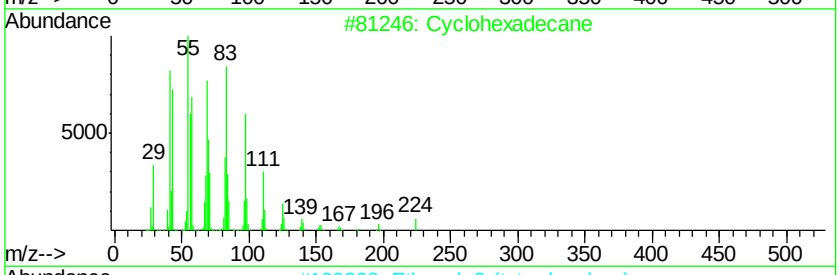
****

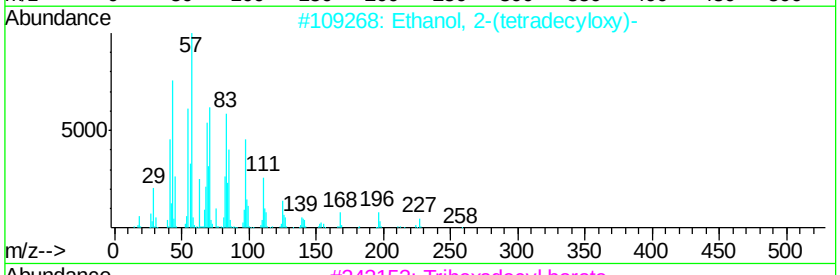
Peak Number 20 Cyclohexadecane Concentration Rank 13

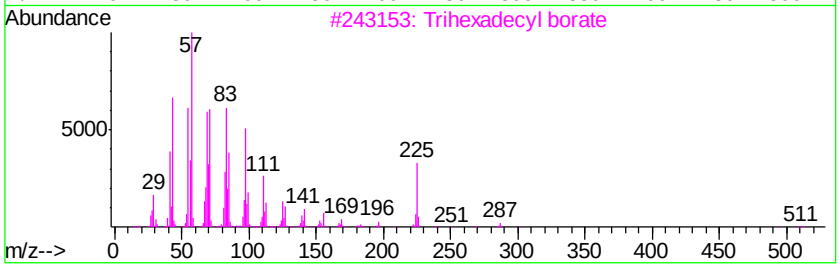
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.61 ng	287196	Chrysene-d12	14.06

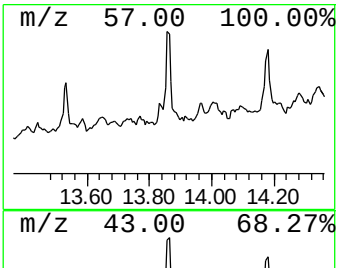
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
3	Trihexadecyl borate	735	C48H99BO3	002665-11-4	64
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	50

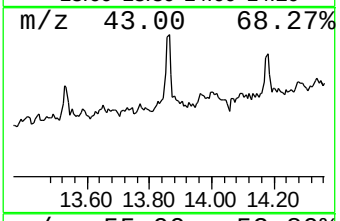


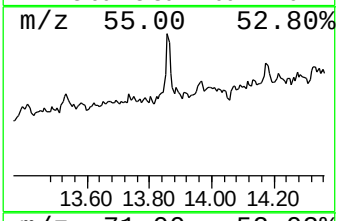


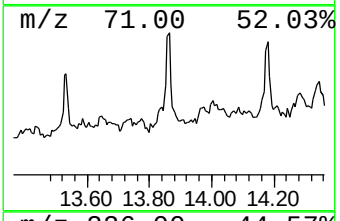


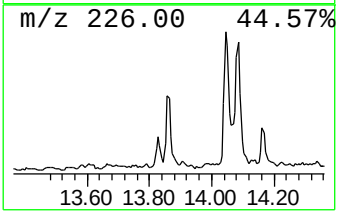












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
Data File : BF103573.D
Acq On : 12 Mar 2018 11:19
Operator : SJ/JU
Sample : J1874-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MHC-WCIS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Cyclopentane, (2-...	6.09	5.9	ng	268854	1	6.86	908359	20.0
Cyclohexane, 1,1,...	6.37	9.9	ng	450972	1	6.86	908359	20.0
unknown6.63	6.63	45.0	ng	2043060	1	6.86	908359	20.0
Tetradecane, 1-ch...	6.67	27.6	ng	1251130	1	6.86	908359	20.0
Cyclohexane, butyl-	6.99	4.8	ng	216901	1	6.86	908359	20.0
Hexane, 1-(hexylo...	7.12	8.1	ng	367589	1	6.86	908359	20.0
Decane, 2-methyl-	7.17	6.9	ng	312057	1	6.86	908359	20.0
trans-Decalin, 2-...	7.65	5.0	ng	307019	2	8.14	1219860	20.0
Benzene, 1,2,3,5-...	7.87	6.5	ng	393256	2	8.14	1219860	20.0
unknown8.42	8.42	6.2	ng	380887	2	8.14	1219860	20.0
Octane, 3,6-dimet...	8.54	5.9	ng	360130	2	8.14	1219860	20.0
Nonane, 5-butyl-	8.72	14.3	ng	871422	2	8.14	1219860	20.0
Naphthalene, 1-me...	8.96	4.7	ng	286651	2	8.14	1219860	20.0
Tetradecane	9.28	11.5	ng	681693	3	9.90	1185260	20.0
Hexadecane	9.81	7.5	ng	442448	3	9.90	1185260	20.0
Heptadecane	10.79	8.4	ng	424248	4	11.40	1006920	20.0
Phenanthrene, 2-m...	11.90	7.8	ng	392014	4	11.40	1006920	20.0
Cyclohexadecane	13.86	6.6	ng	287196	5	14.06	868571	20.0