LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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	2.151	4	11	20	rVB	859118	1133164	32.64%	1.237%
2	5.104	508	513	518	rBV2	130513	176078	5.07%	0.192%
3	5.498	576	580	583	rVV	3336720	3315869	95.51%	3.621%
4	5.892	641	647	650	rVB4	115227	171698	4.95%	0.188%
5	6.039	661	672	674	rBV3	248324	376474	10.84%	0.411%
6	6.110	680	684	691	rBV2	304904	511777	14.74%	0.559%
7	6.169	691	694	697	rVB	183802	143110	4.12%	0.156%
8	6.304	712	717	720	rBV2	202727	287641	8.29%	0.314%
9	6.363	725	727	730	rVB	237062	192739	5.55%	0.210%
10	6.404	730	734	739	rBV3	213786	374706	10.79%	0.409%
11	6.504	745	751	755	rBV	3037213	3471699	100.00%	3.791%
12	6.539	755	757	760	rVB3	184844	147853	4.26%	0.161%
13	6.610	764	769	771	rBV3	151775	264054	7.61%	0.288%
14	6.645	771	775	778	rVV	3309214	3345939	96.38%	3.654%
15	6.704	782	785	787	rBV2	110138	117399	3.38%	0.128%
16	6.728	787	789	791	rVB	138752	107337	3.09%	0.117%
17	6.757	791	794	796	rBV3	87329	107113	3.09%	0.117%
18	6.828	802	806	808	rBV4	133958	169144	4.87%	0.185%
19	6.875	810	814	817	rVB2	1496855	1467581	42.27%	1.603%
20	6.922	817	822	825	rVB4	163307	221451	6.38%	0.242%
21	6.957	825	828	829	rBV2	142532	136849	3.94%	0.149%
22	6.975	829	831	834	rVB	157508	125935	3.63%	0.138%
23	7.028	834	840	842	rBV	2566445	2998948	86.38%	3.275%
24	7.051	842	844	849	rVB	2871111	2504775	72.15%	2.735%
25	7.092	849	851	853	rBV2	227136	219184	6.31%	0.239%
26	7.116	853	855	857	rBV	424725	346240	9.97%	0.378%
27	7.139	857	859	862	rVB	556273	453631	13.07%	0.495%
28	7.169	862	864	865	rBV	163065	128978	3.72%	0.141%
29	7.186	865	867	869	rVB	121575	87451	2.52%	0.096%
30	7.210	869	871	874	rBV3	158404	129869	3.74%	0.142%
31	7.263	874	880	882	rBV3	416107	449548	12.95%	0.491%
32	7.292	882	885	890	rVB4	211153	294667	8.49%	0.322%
33	7.339	890	893	897	rBV4	116366	165263	4.76%	0.180%
34	7.404	897	904	906	rBV2	995225	1435323	41.34%	1.567%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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	7.439	906	910	914	rVB	2200986	2431058	70.03%	2.655%
36	7.510	917	922	925	rBV5	745719	1080493	31.12%	1.180%
37	7.563	925	931	935	rBV4	550693	1023936	29.49%	1.118%
38	7.645	942	945	948	rBV3	826796	906232	26.10%	0.990%
39	7.675	948	950	952	rBV3	391255	311669	8.98%	0.340%
40	7.745	959	962	964	rBV2	582407	647392	18.65%	0.707%
41	7.769	964	966	968	rVV	689353	603157	17.37%	0.659%
42	7.792	968	970	973	rVV2	660641	702634	20.24%	0.767%
43	7.828	973	976	979	rVB2	824254	891375	25.68%	0.973%
44	7.863	979	982	984	rBV3	169921	184256	5.31%	0.201%
45	7.892	984	987	993	rBV2	1078488	1488566	42.88%	1.626%
46	7.969	997	1000	1006	rVB7	428391	630495	18.16%	0.689%
47	8.022	1006	1009	1012	rBV2	546194	650949	18.75%	0.711%
48	8.057	1012	1015	1017	rBV2	321899	367337	10.58%	0.401%
49	8.098	1018	1022	1025	rBV5	556872	925733	26.67%	1.011%
50	8.157	1026	1032	1037	rVV3	1482783	2358593	67.94%	2.576%
51	8.210	1037	1041	1043	rVB2	2132300	2235784	64.40%	2.442%
52	8.239	1043	1046	1049	rBV4	895455	1033187	29.76%	1.128%
53	8.304	1054	1057	1059	rBV4	483723	573818	16.53%	0.627%
54	8.327	1059	1061	1063	rVV2	248434	247993	7.14%	0.271%
55	8.357	1063	1066	1068	rVB3	551857	502994	14.49%	0.549%
56	8.416	1074	1076	1077	rBV2	345950	282042	8.12%	0.308%
57	8.445	1077	1081	1085	rVB4	1393328	1657657	47.75%	1.810%
58	8.498	1088	1090	1093	rVB3	407327	354304	10.21%	0.387%
59	8.533	1093	1096	1099	rBV3	554912	670889	19.32%	0.733%
60	8.569	1099	1102	1104	rBV	1809808	1628623	46.91%	1.779%
61	8.592	1104	1106	1108	rVV2	564972	530682	15.29%	0.580%
62	8.616	1108	1110	1114	rVB5	718172	743243	21.41%	0.812%
63	8.663	1115	1118	1120	rBV3	579957	553936	15.96%	0.605%
64	8.698	1120	1124	1126	rBV4	656905	915155	26.36%	0.999%
65	8.745	1129	1132	1135	rBV3	437489	589426	16.98%	0.644%
66	8.839	1145	1148	1152	rVB3	1143745	1352691	38.96%	1.477%
67	8.898	1156	1158	1161	rVB2	582991	499975	14.40%	0.546%
68	8.933	1161	1164	1166	rBV4	623920	845988	24.37%	0.924%
69	8.975	1169	1171	1173	rVV	835796	756891	21.80%	0.827%
70	8.998	1173	1175	1177	rVB2	601812	430980	12.41%	0.471%
71	9.033	1177	1181	1183	rBV5	526389	815646	23.49%	0.891%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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	9.057	1183	1185	1189	rVB3	907606	1023796	29.49%	1.118%
73	9.151	1199	1201	1202	rBV2	384961	289688	8.34%	0.316%
74	9.174	1202	1205	1210	rVB2	1939546	2171106	62.54%	2.371%
75	9.233	1211	1215	1219	rBV	2338311	2413018	69.51%	2.635%
76	9.316	1225	1229	1233	rBV3	1044538	1271808	36.63%	1.389%
77	9.498	1257	1260	1263	rBV	859948	1061569	30.58%	1.159%
78	9.574	1270	1273	1275	rBV	856355	1130288	32.56%	1.234%
79	9.627	1279	1282	1285	rVV3	2242412	2542669	73.24%	2.777%
80	9.657	1285	1287	1289	rVB2	429049	336529	9.69%	0.368%
81	9.780	1305	1308	1310	rVB2	870769	845497	24.35%	0.923%
82	9.822	1310	1315	1318	rBV5	922335	1343849	38.71%	1.468%
83	9.945	1334	1336	1340	rBV4	705785	809446	23.32%	0.884%
84	10.016	1345	1348	1352	rBV2	626754	803473	23.14%	0.877%
85	10.157	1370	1372	1382	rVB6	1063523	1760896	50.72%	1.923%
86	10.233	1382	1385	1387	rBV	739277	826311	23.80%	0.902%
87	10.321	1396	1400	1405	rBV6	1023085	1475036	42.49%	1.611%
88	10.363	1405	1407	1410	rVV3	408290	448690	12.92%	0.490%
89	10.557	1436	1440	1445	rVB	1790070	1973440	56.84%	2.155%
90	10.710	1463	1466	1469	rBV	1035170	1106026	31.86%	1.208%
91	10.821	1481	1485	1488	rBV	2159892	2405134	69.28%	2.627%
92	11.286	1561	1564	1571	rVB	1559387	1805084	51.99%	1.971%
93	11.404	1581	1584	1587	rBV	977575	1167272	33.62%	1.275%
94	11.427	1587	1588	1592	rVB	565141	475419	13.69%	0.519%
95	11.633	1621	1623	1626	rVB	510709	480371	13.84%	0.525%
96	12.621	1788	1791	1796	rVB	314661	302152	8.70%	0.330%
97	12.851	1828	1830	1835	rVB	294902	292206	8.42%	0.319%
98	12.986	1850	1853	1856	rVB	1734595	1539781	44.35%	1.682%
99	14.051	2030	2034	2037	rBV	754310	746482	21.50%	0.815%
100	15.545	2284	2288	2295	rVB	540421	718966	20.71%	0.785%

Sum of corrected areas: 91571268

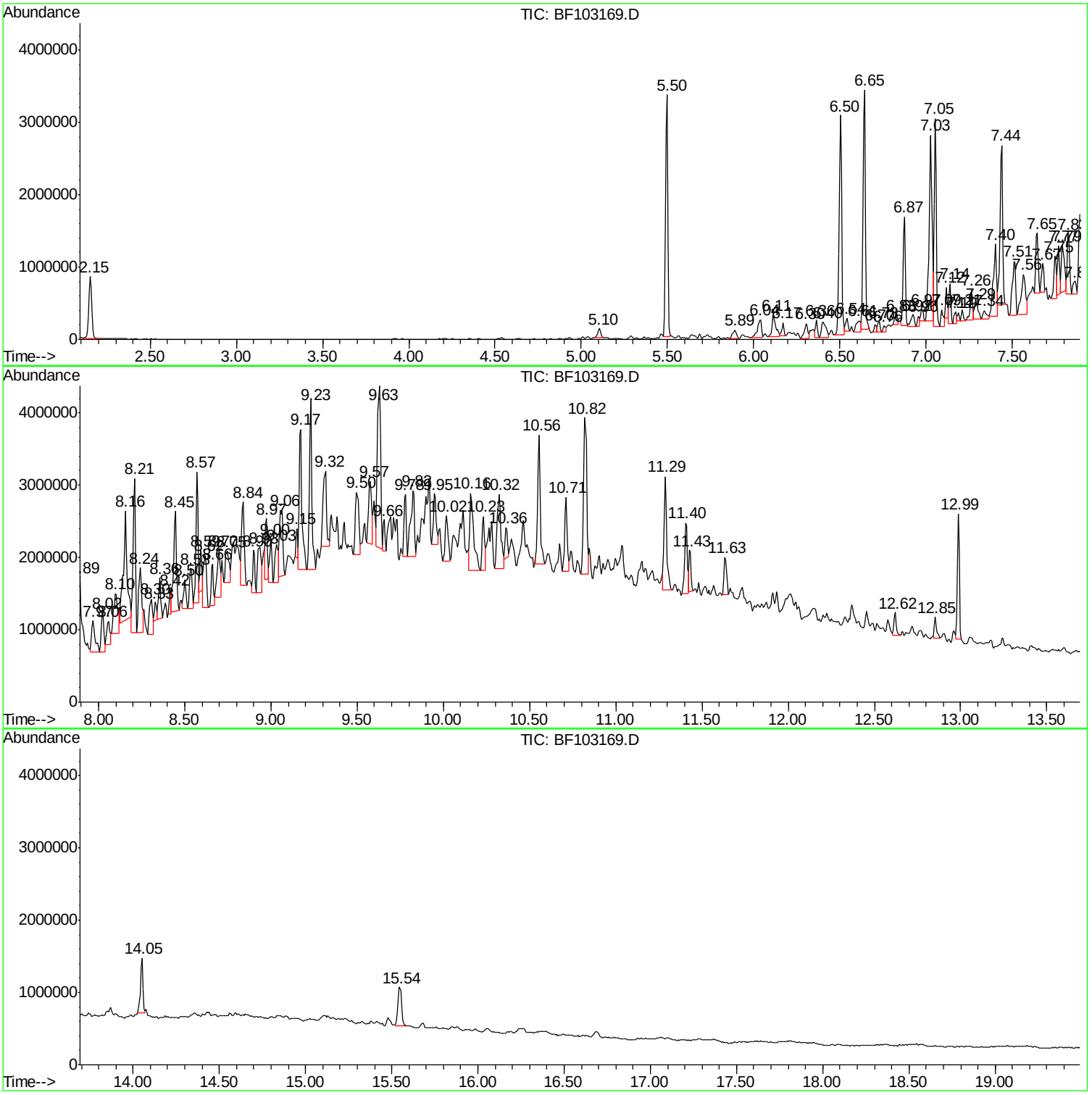
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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

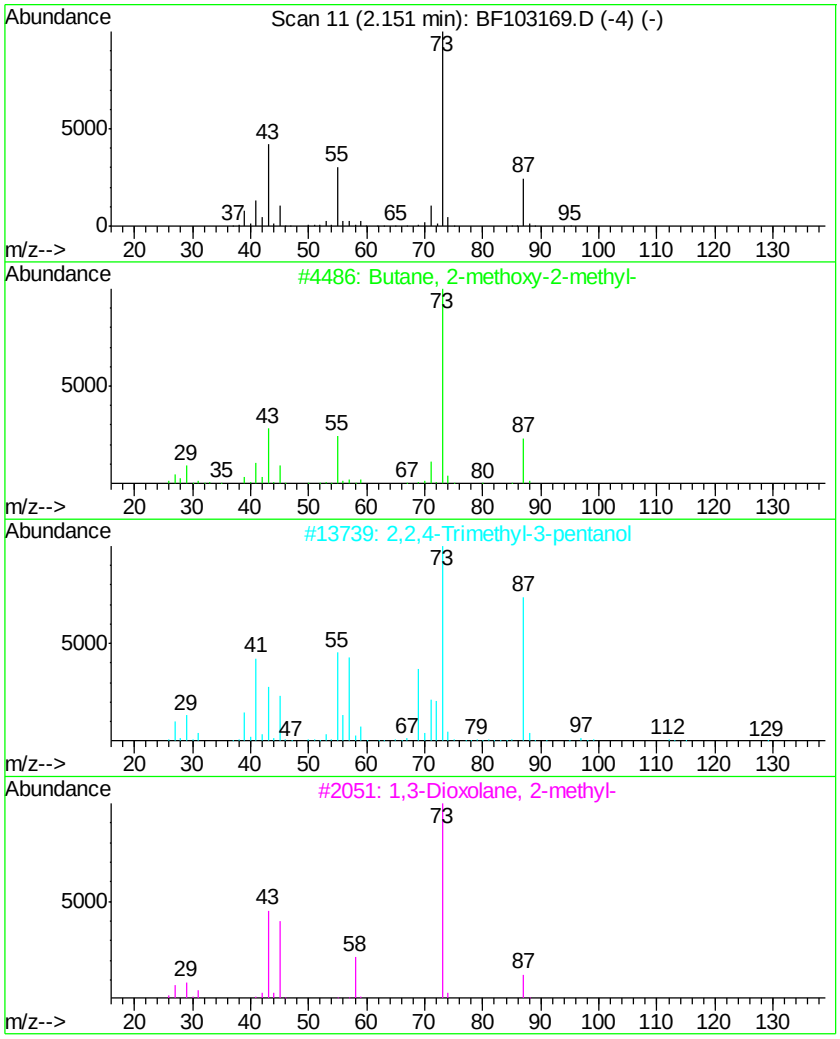
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

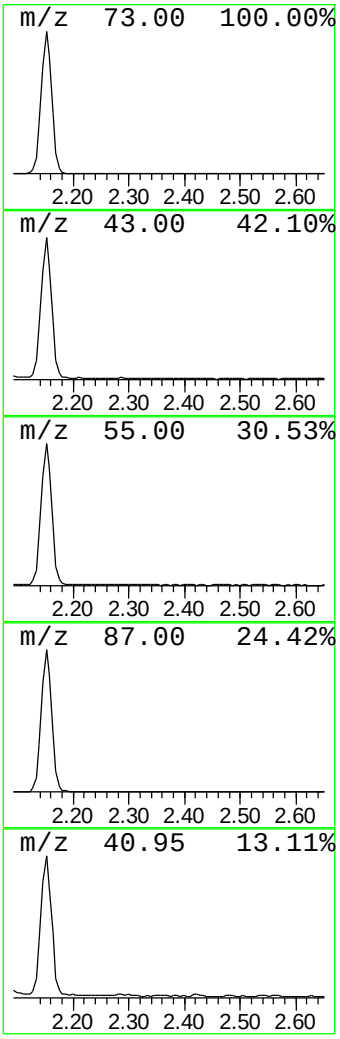
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	15.44 ng	1133160	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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

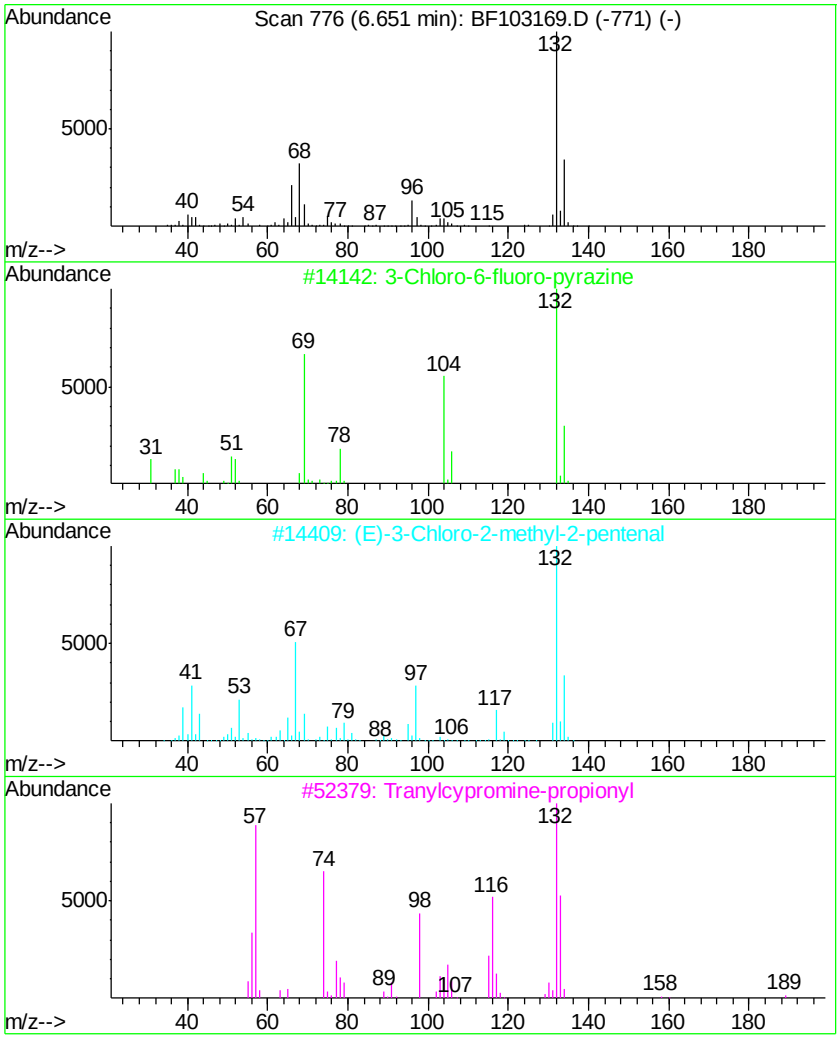
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

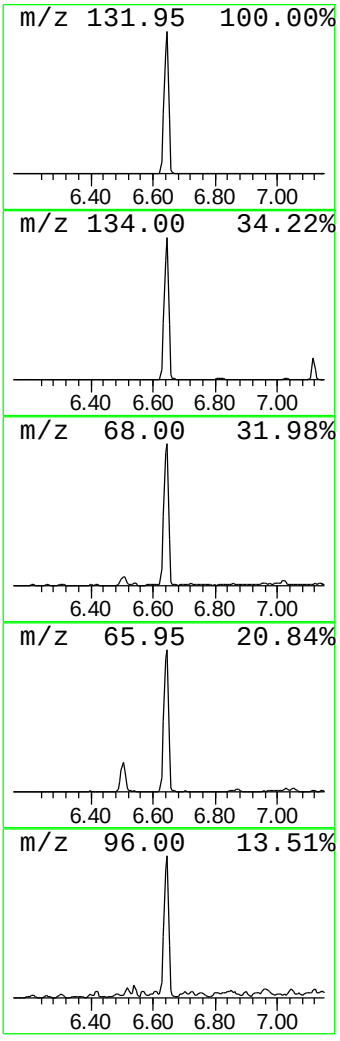
****

Peak Number 2 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	45.60 ng	3345940	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

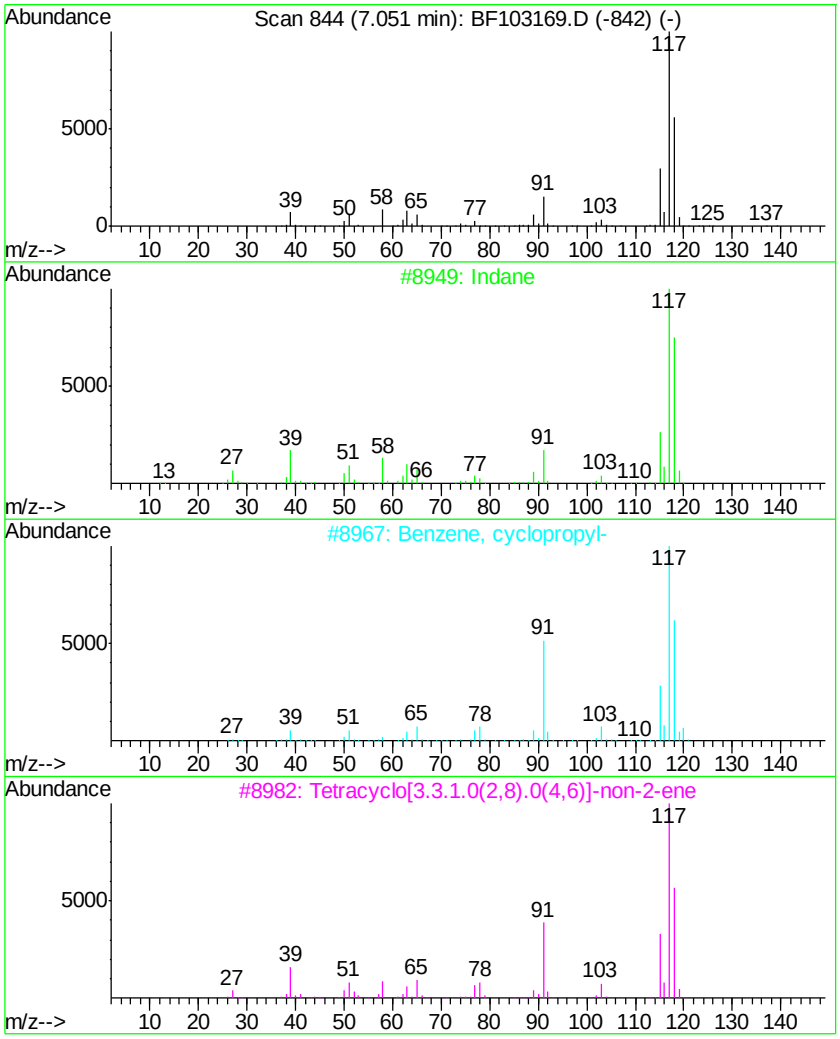
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

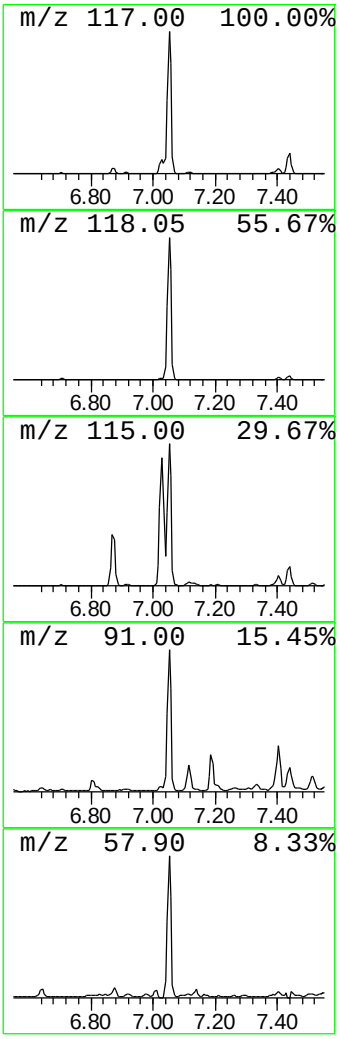
****

Peak Number 4 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	34.13 ng	2504780	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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

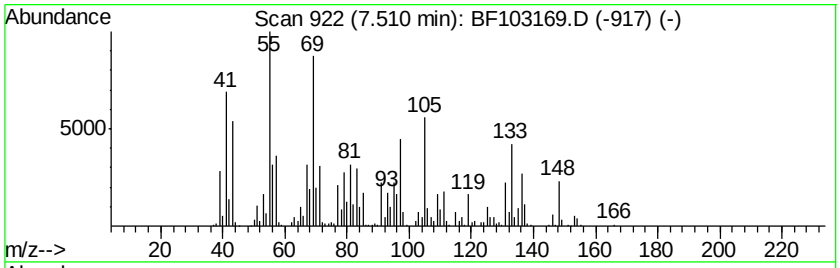
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

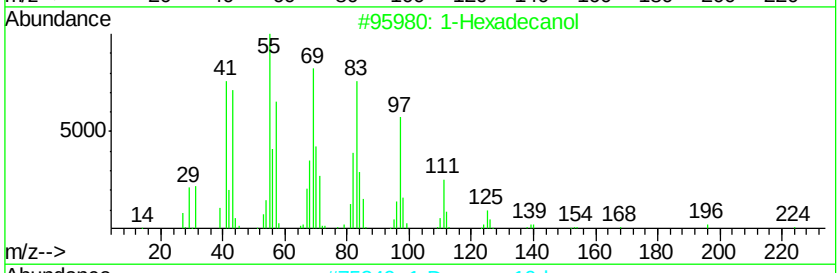
****

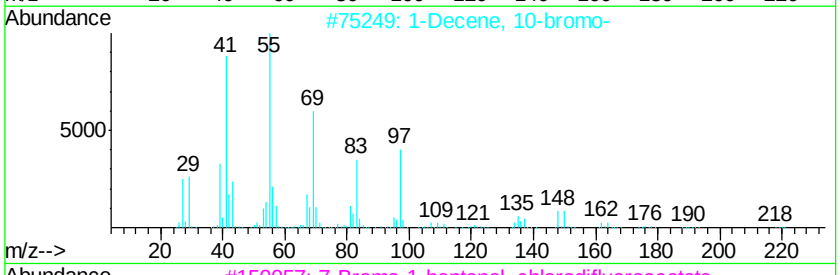
Peak Number 5 unknown7.51 Concentration Rank 19

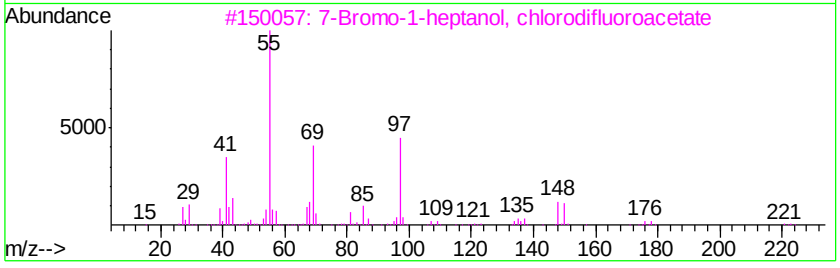
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	14.72 ng	1080490	1,4-Dichlorobenzene-d4	6.87

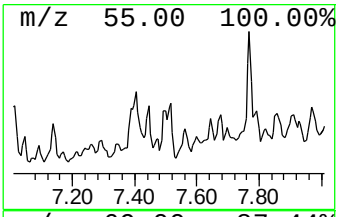
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	35
2	1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	27
3	7-Bromo-1-heptanol, chlorodifluo...	306	C9H14BrClF2O2	1000376-26-3	27
4	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	22
5	cis-.beta.-Farnesene	204	C15H24	028973-97-9	22

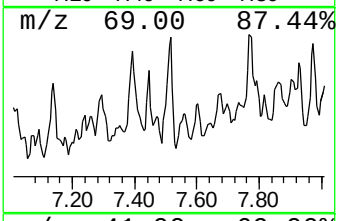


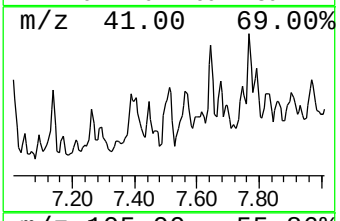


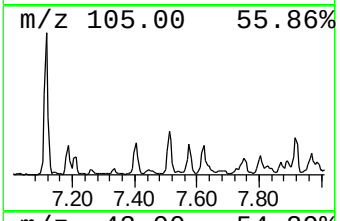


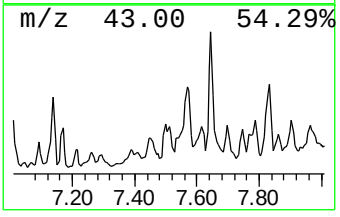












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ClientSampleId : RO-72-11931

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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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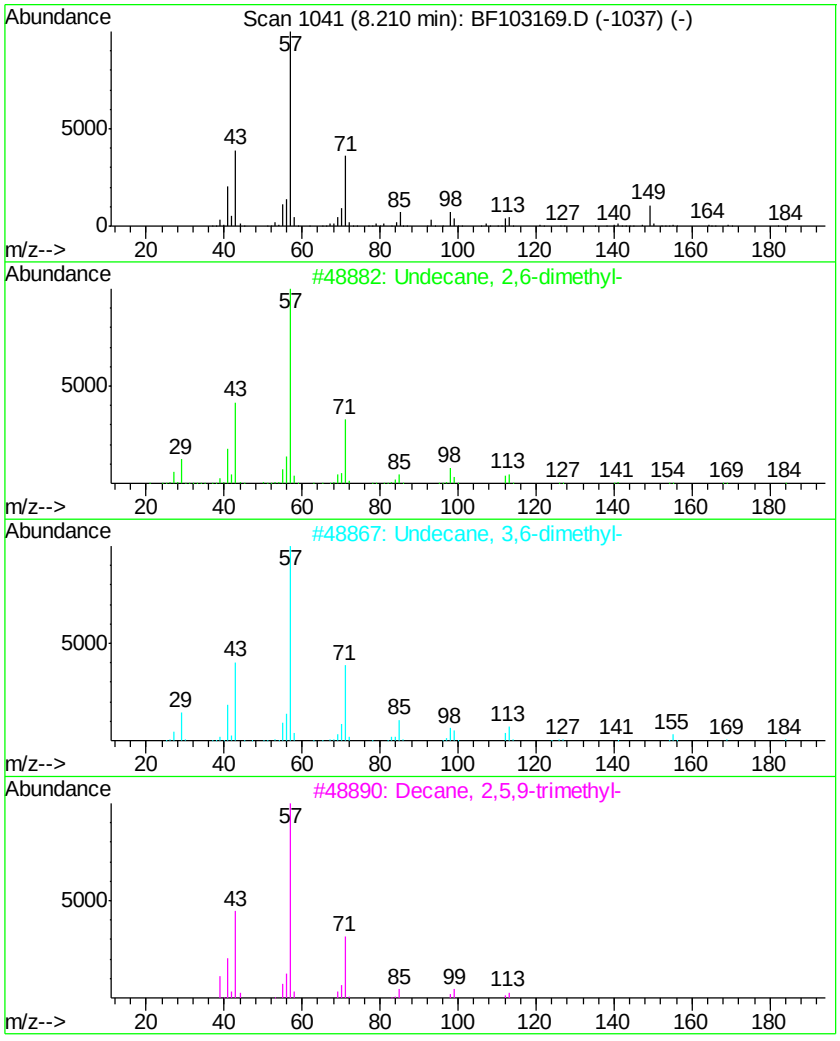
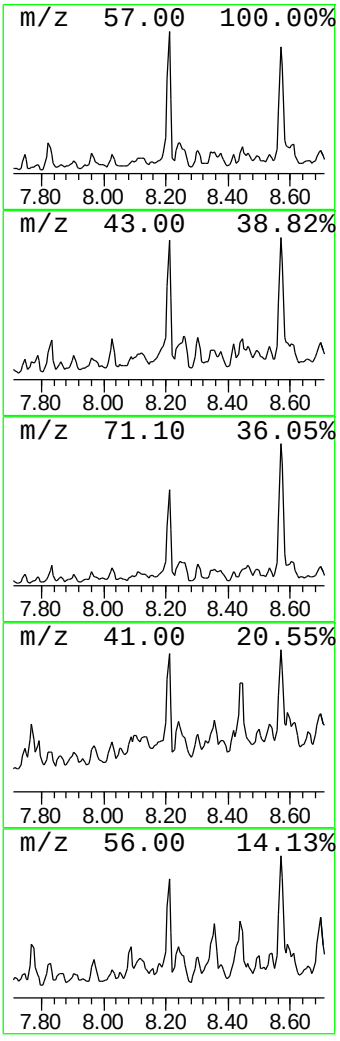
Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	18.96 ng	2235780	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59





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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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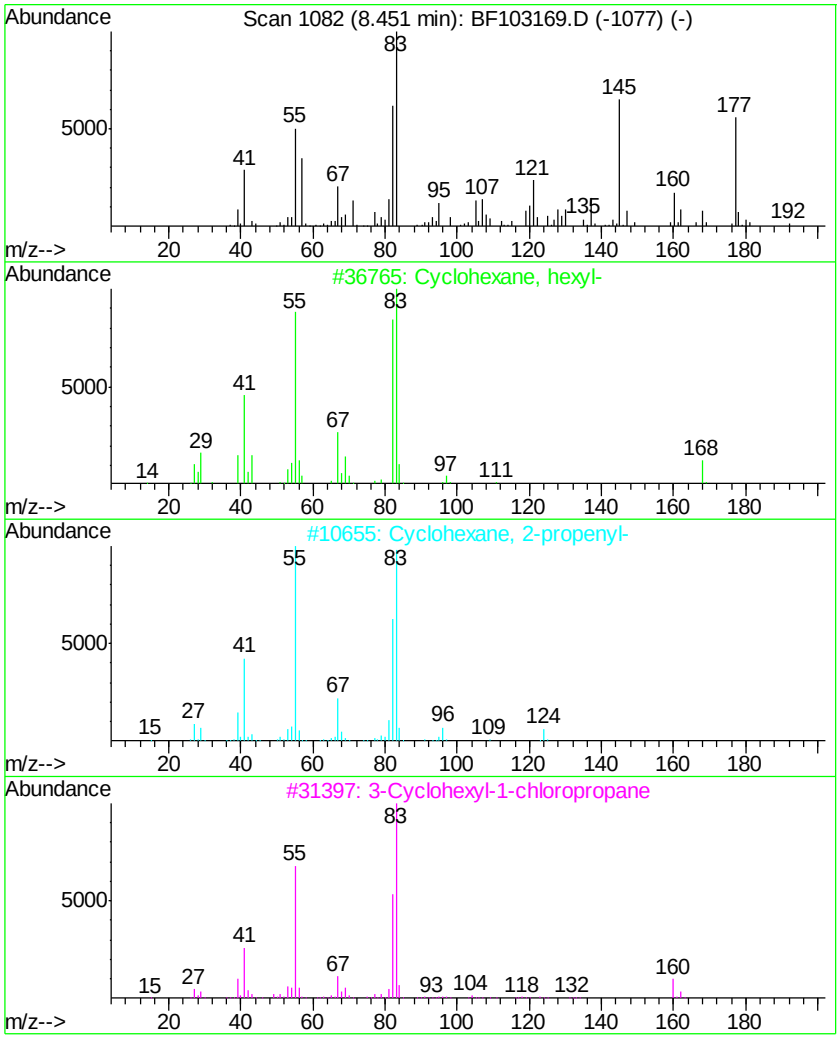
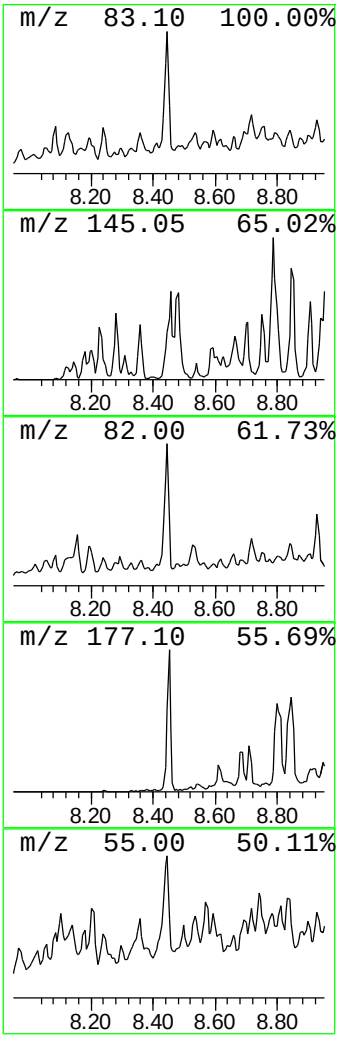
Peak Number 7 Cyclohexane, hexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	14.06 ng	1657660	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	68
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	58
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53





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

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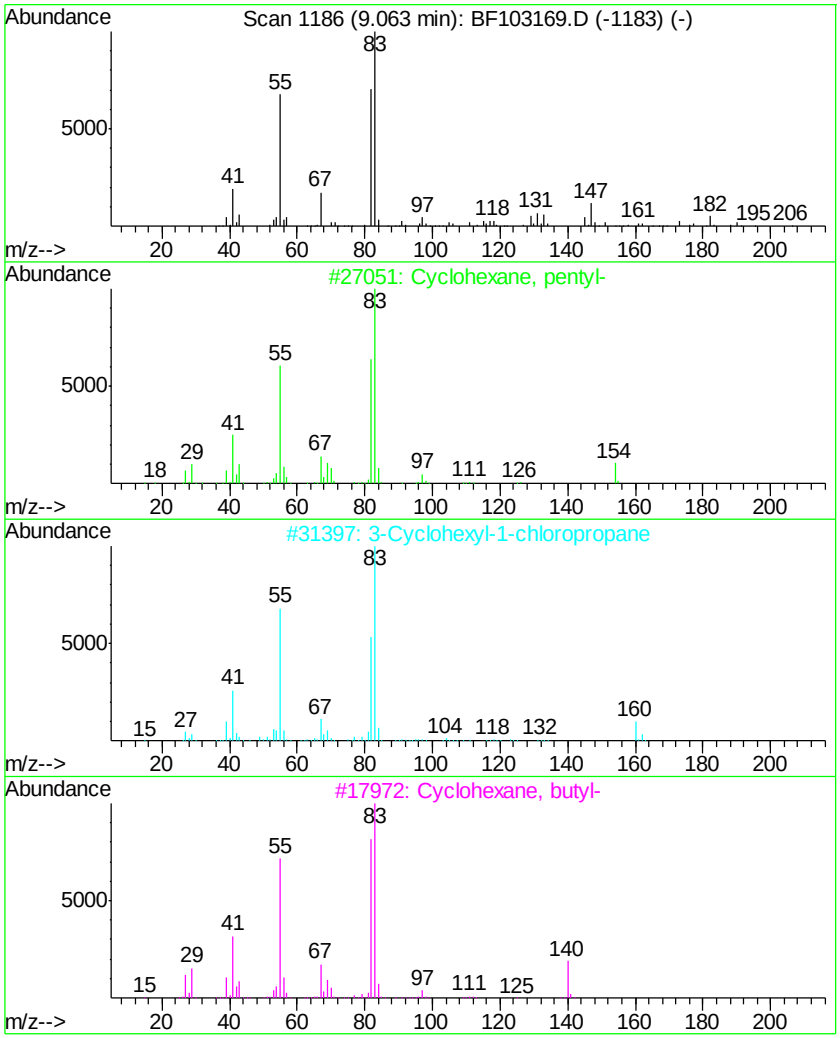
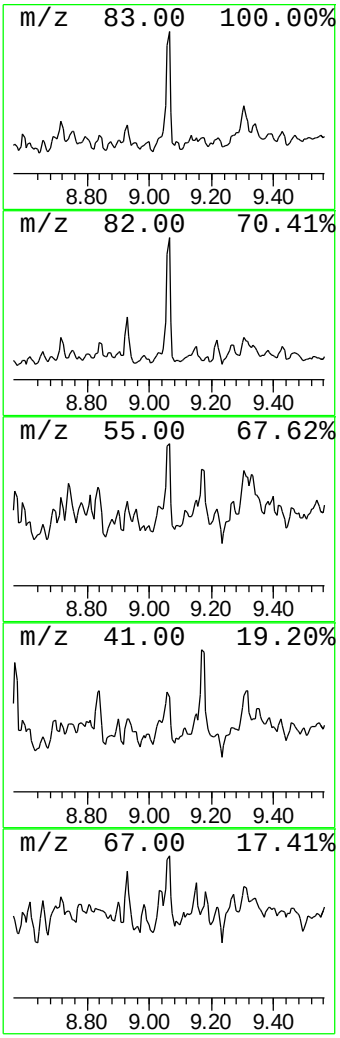
Peak Number 8 Cyclohexane, pentyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	25.30 ng	1023800	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
2	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





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

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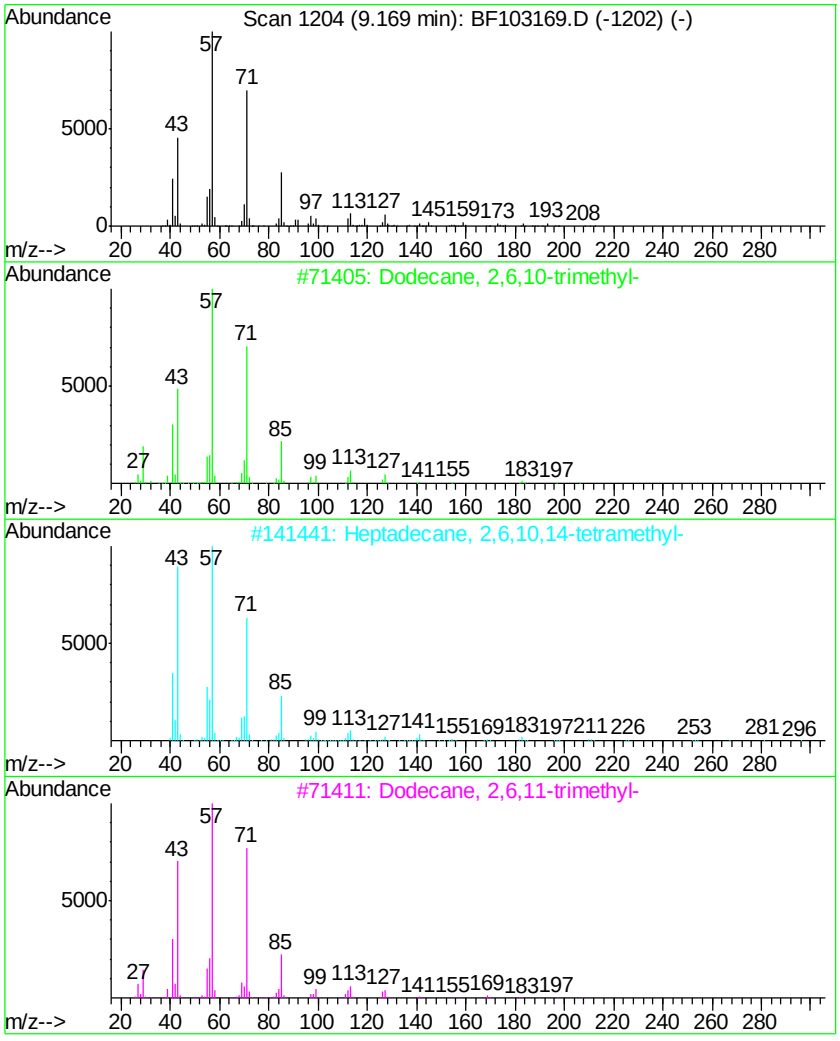
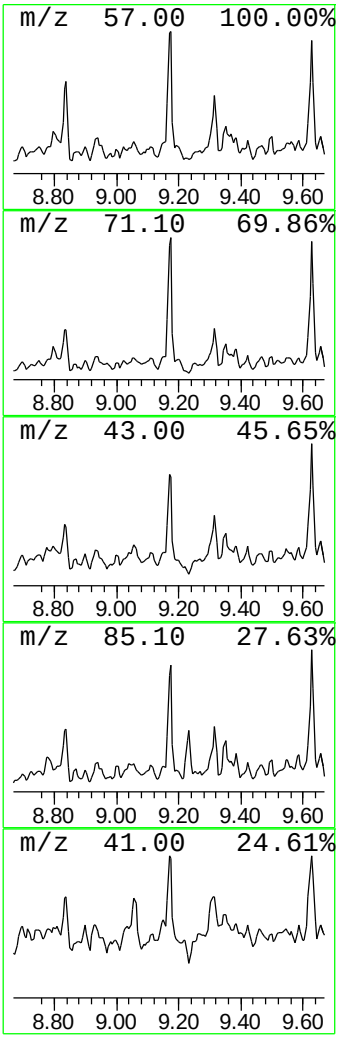
Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	53.64 ng	2171110	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





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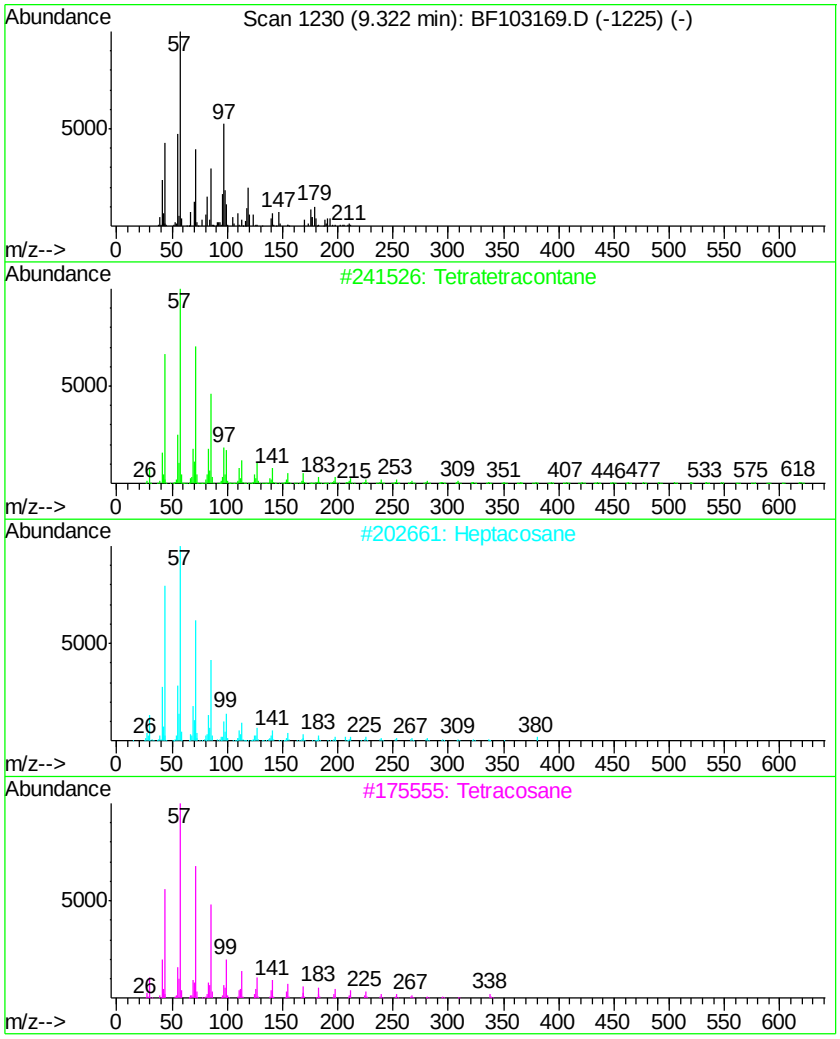
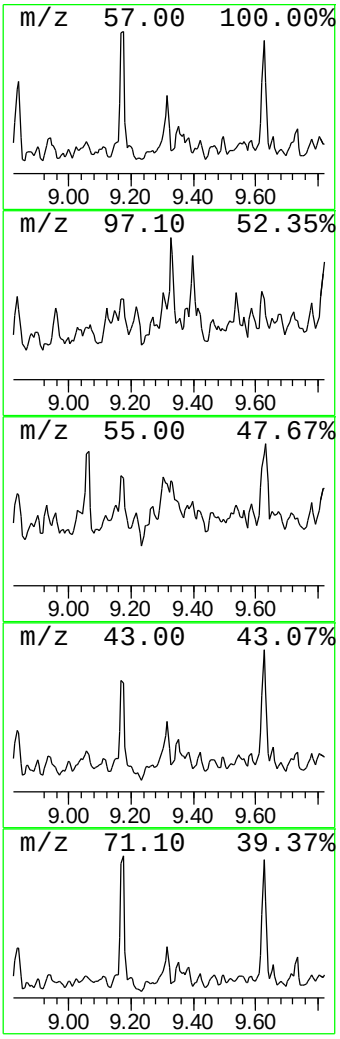
Peak Number 10 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	31.42 ng	1271810	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	59
2	Heptacosane	380	C27H56	000593-49-7	50
3	Tetracosane	338	C24H50	000646-31-1	50
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Nonadecane	268	C19H40	000629-92-5	49





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TIC Library : C:\DATABASE\NIST11.L
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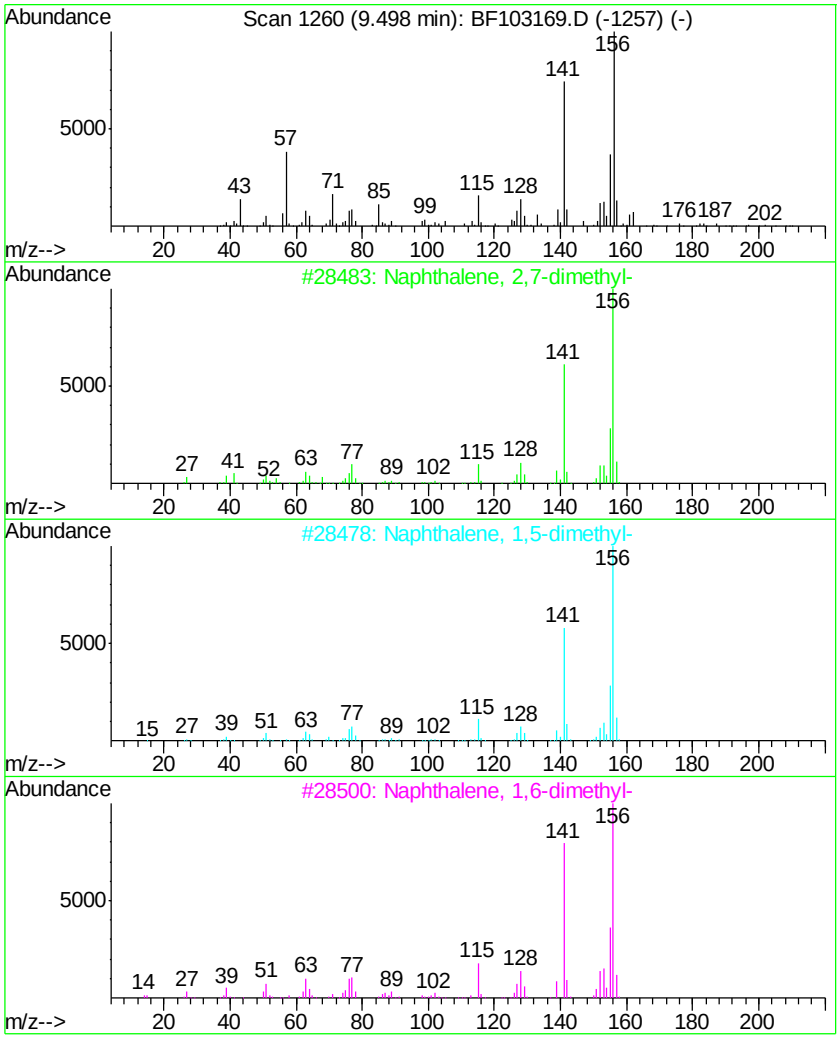
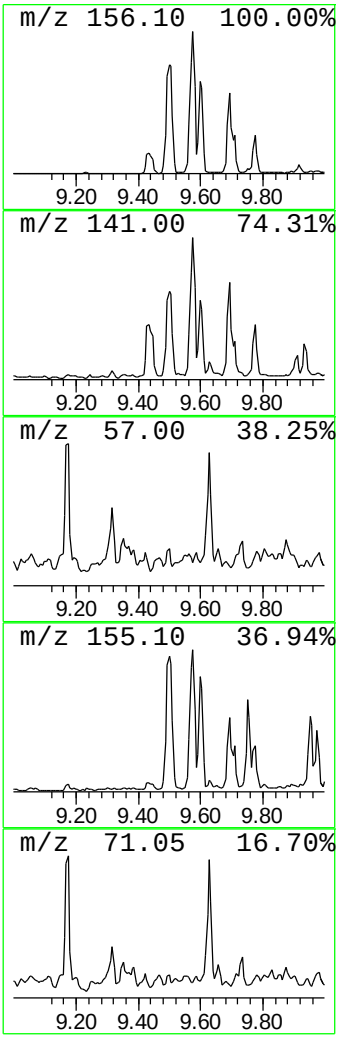
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	26.23 ng	1061570	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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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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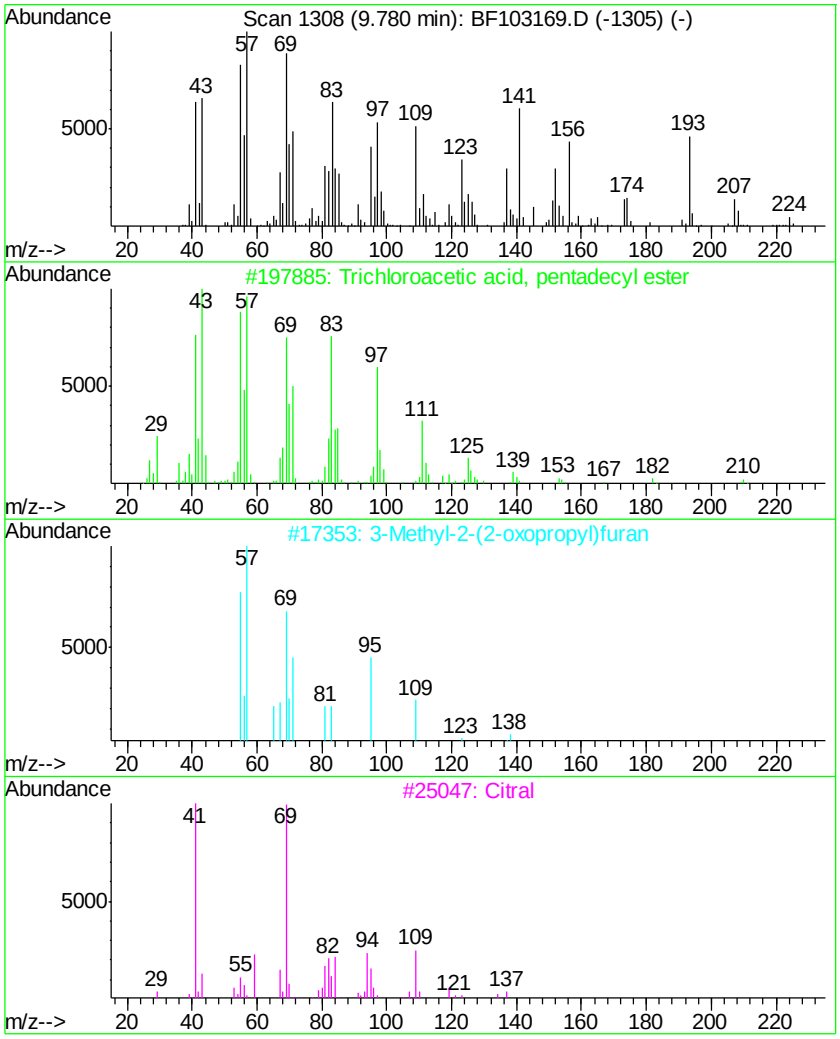
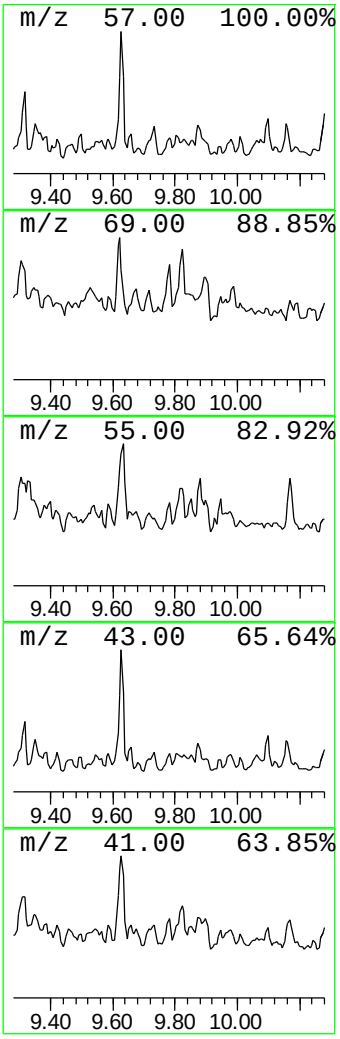
Peak Number 12 unknown9.78 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	20.89 ng	845497	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	35
2	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	30
3	Citral	152	C10H16O	005392-40-5	22
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	22
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	20





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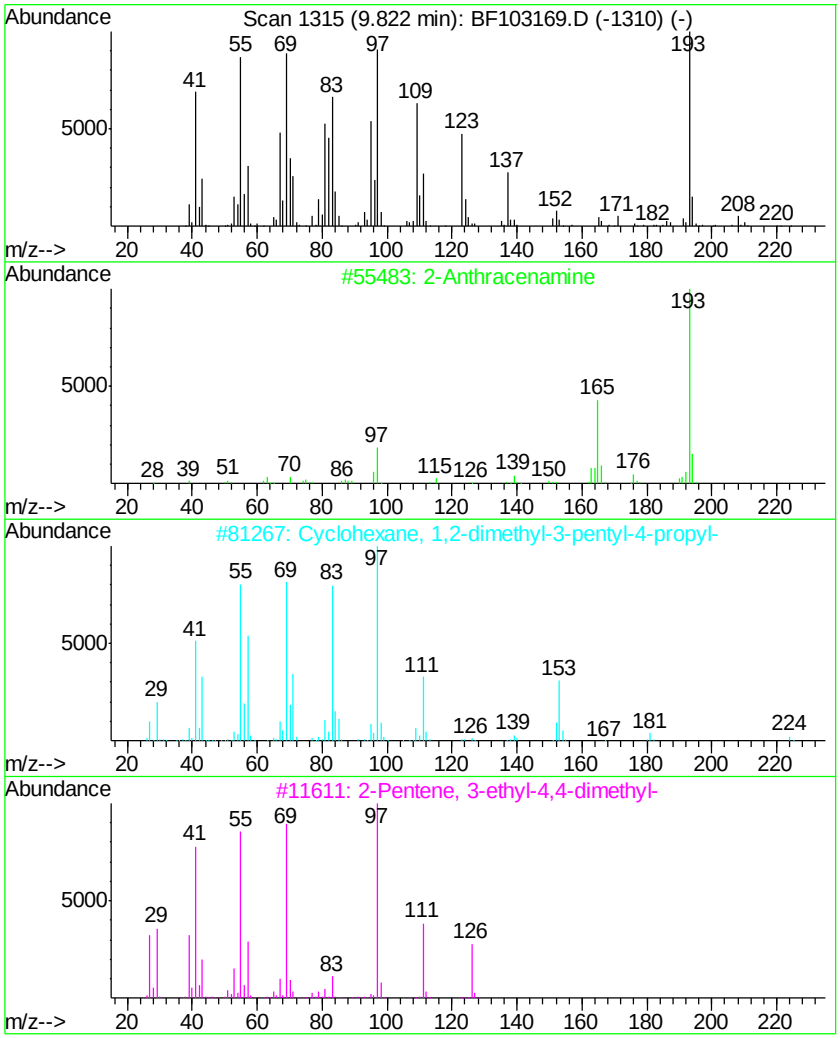
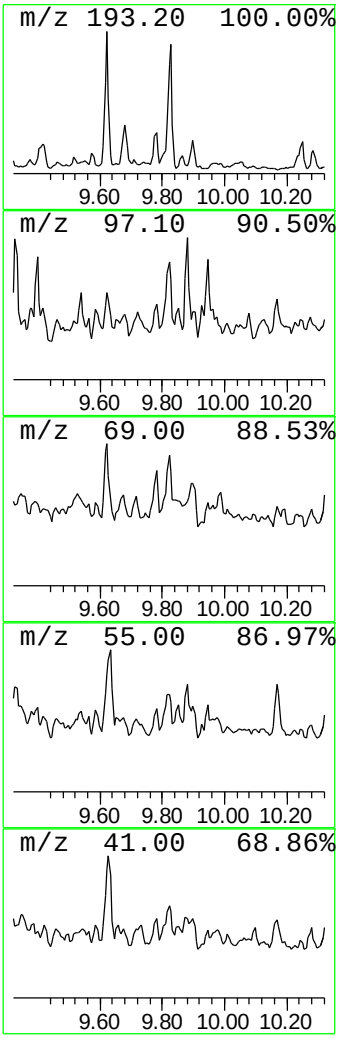
Peak Number 13 unknown9.82 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	33.20 ng	1343850	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	38
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	27
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
4	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	27
5	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27





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TIC Integration Parameters: LSCINT.P

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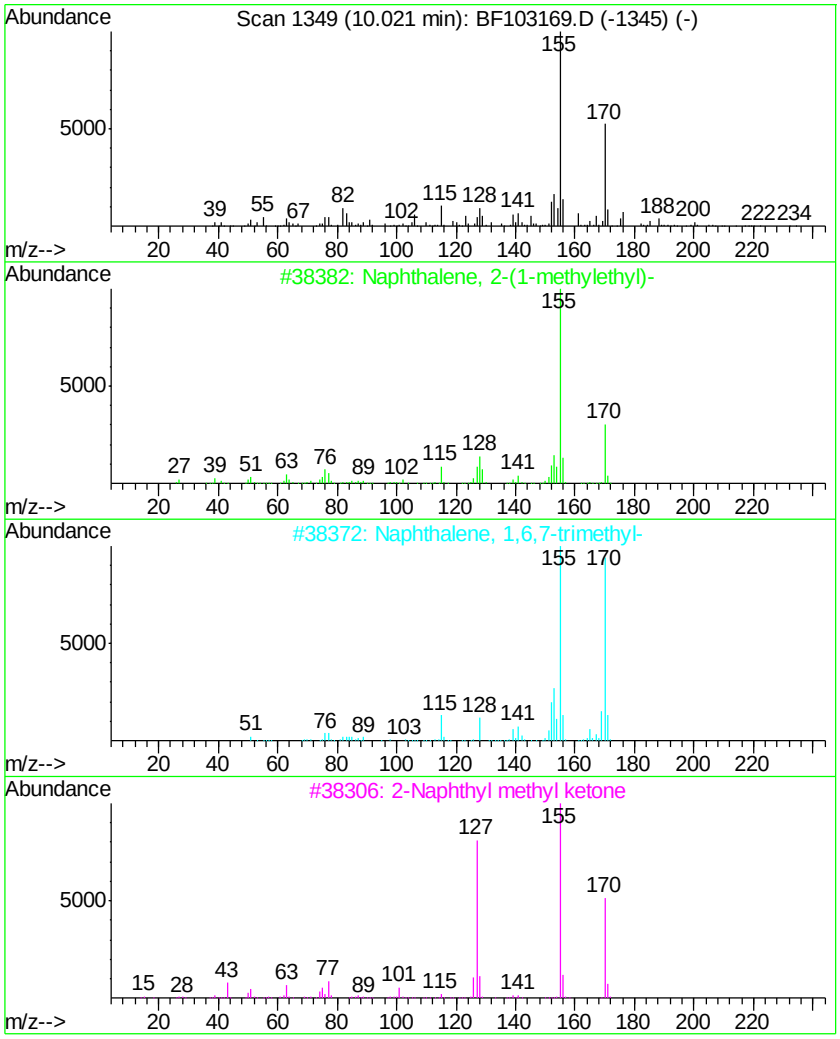
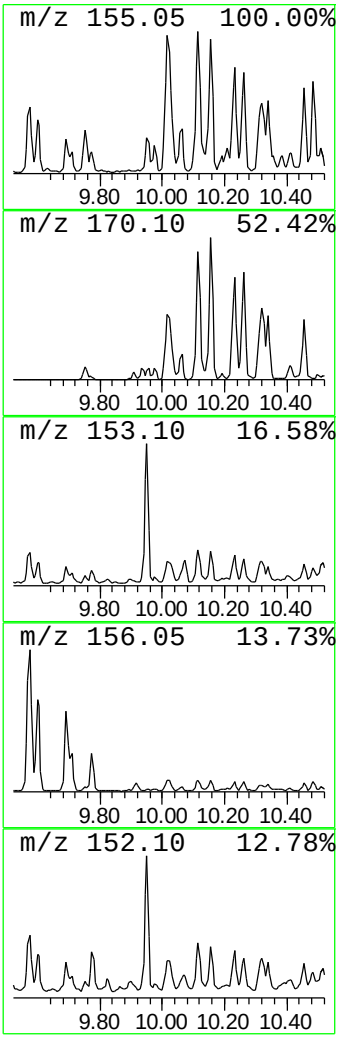
Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	19.85 ng	803473	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50





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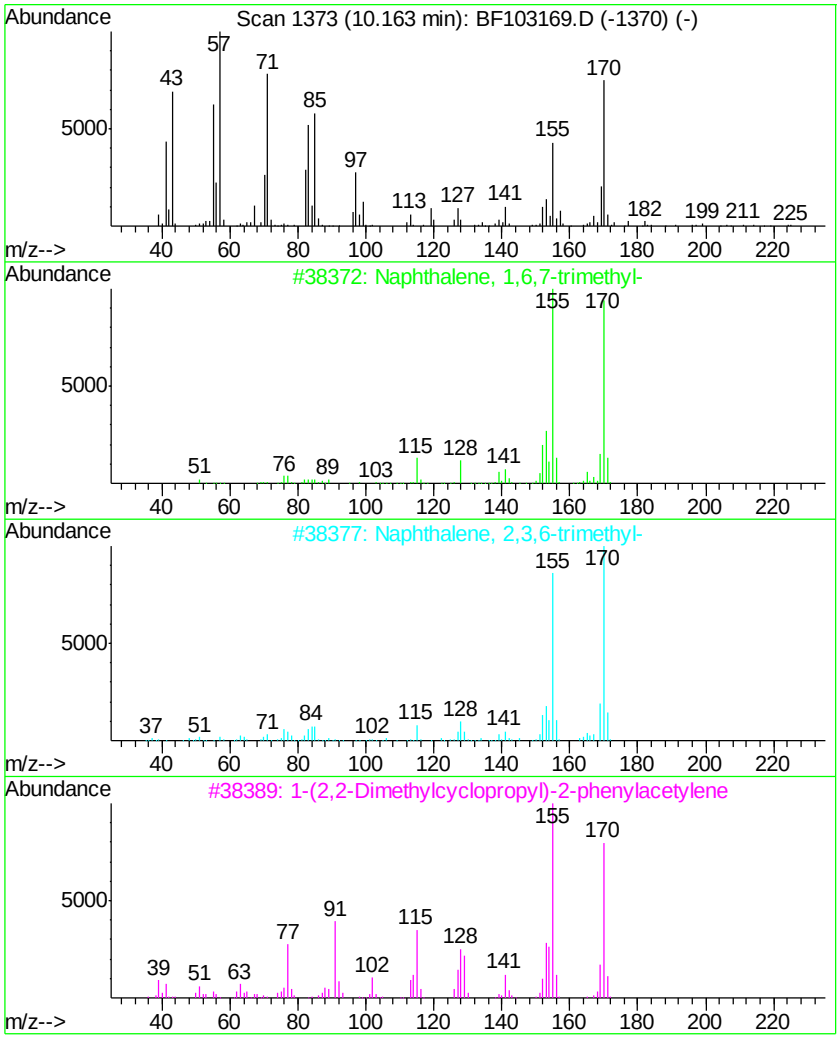
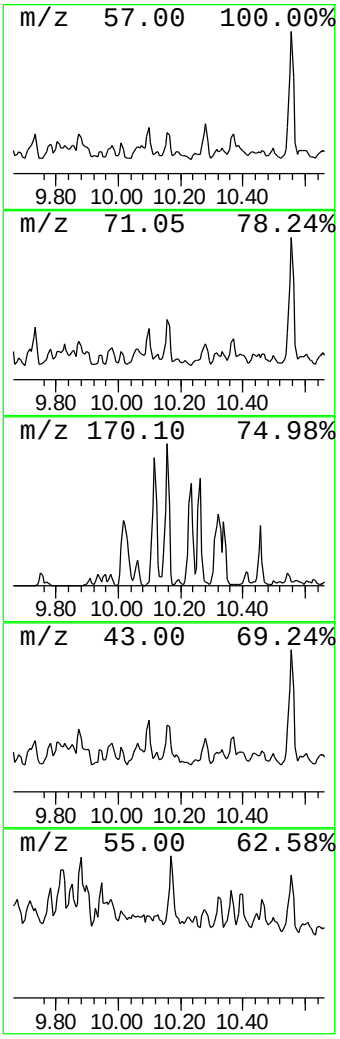
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	43.51 ng	1760900	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64





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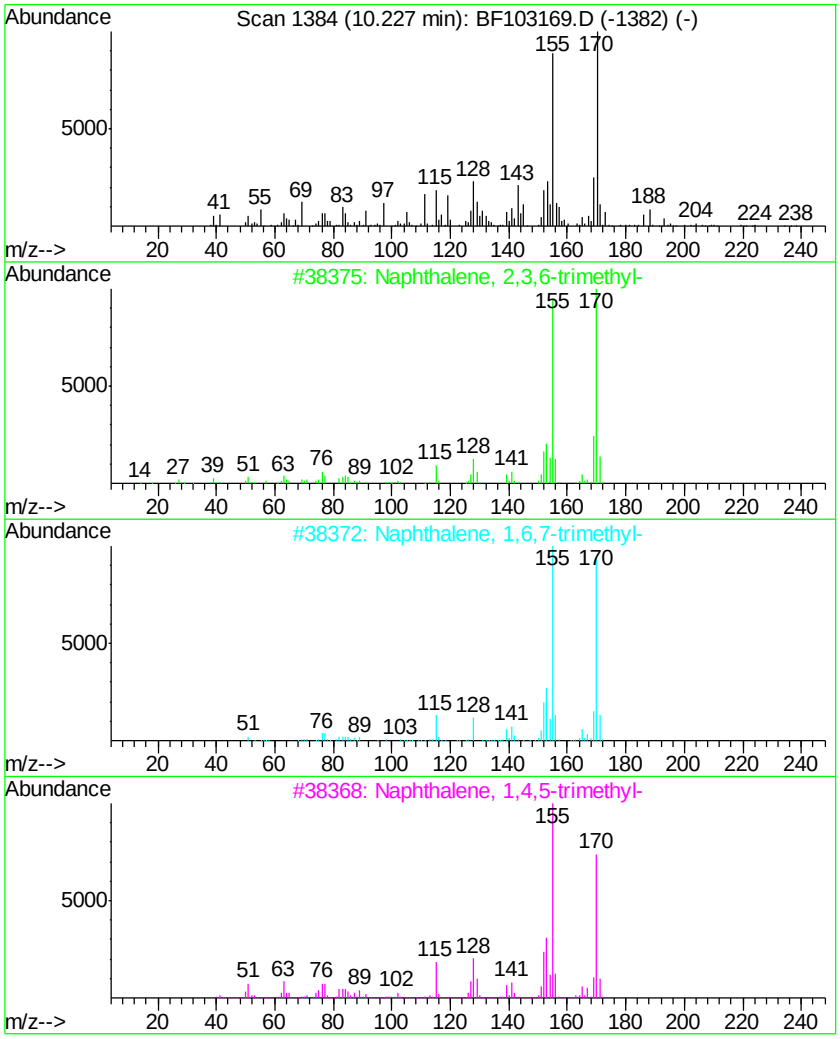
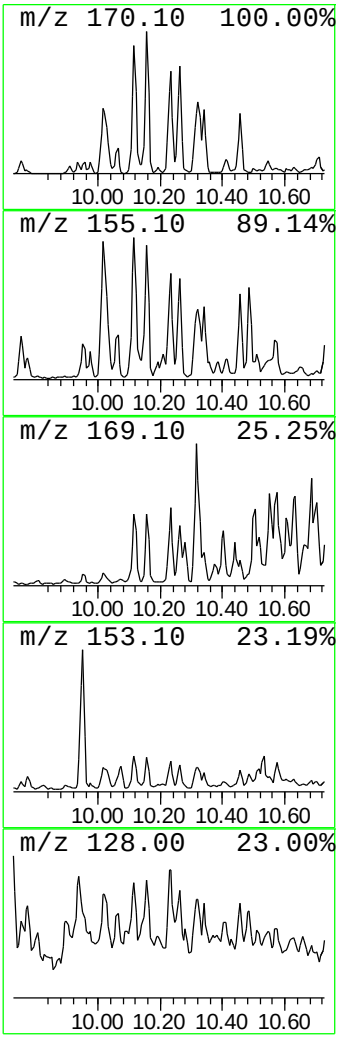
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	20.42 ng	826311	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





Library Search Compound Report

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Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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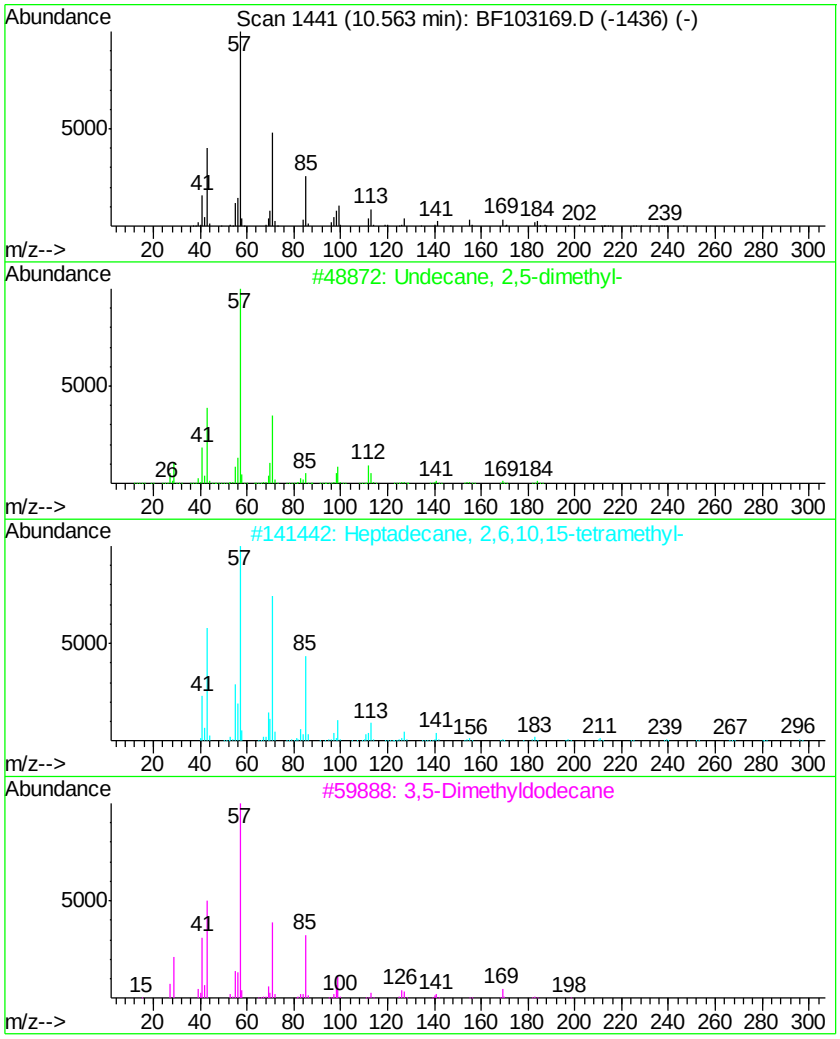
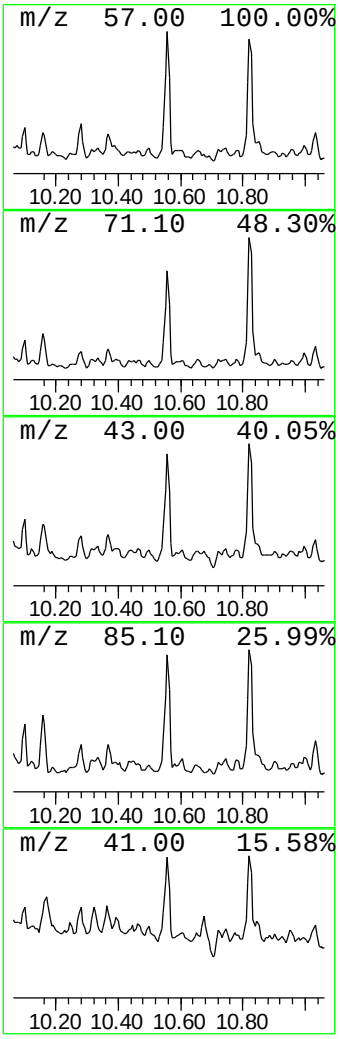
Peak Number 18 Undecane, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	48.76 ng	1973440	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64





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Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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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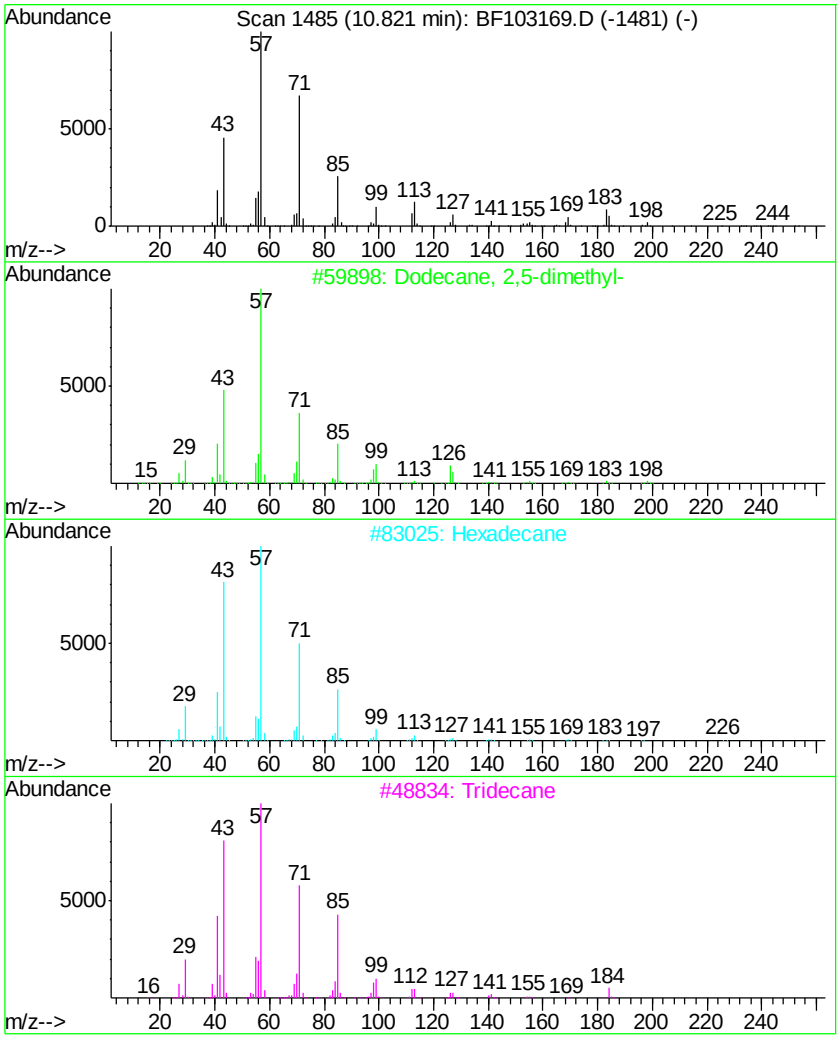
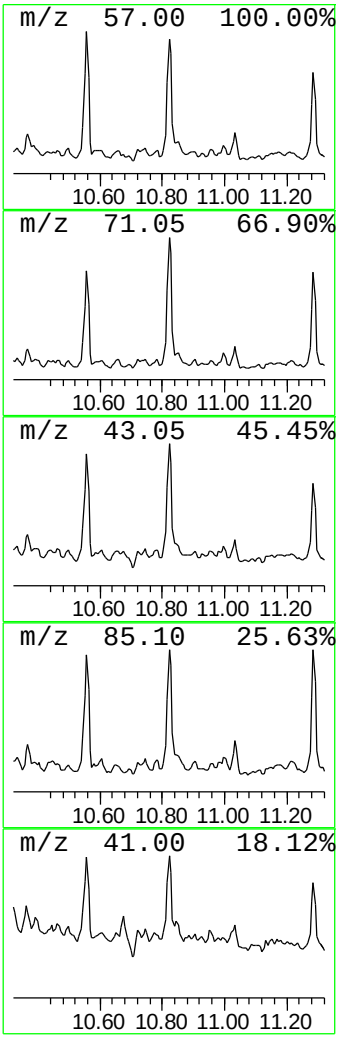
Peak Number 19 Dodecane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	41.21 ng	2405130	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
2	Hexadecane	226	C16H34	000544-76-3	59
3	Tridecane	184	C13H28	000629-50-5	58
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53





Library Search Compound Report

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Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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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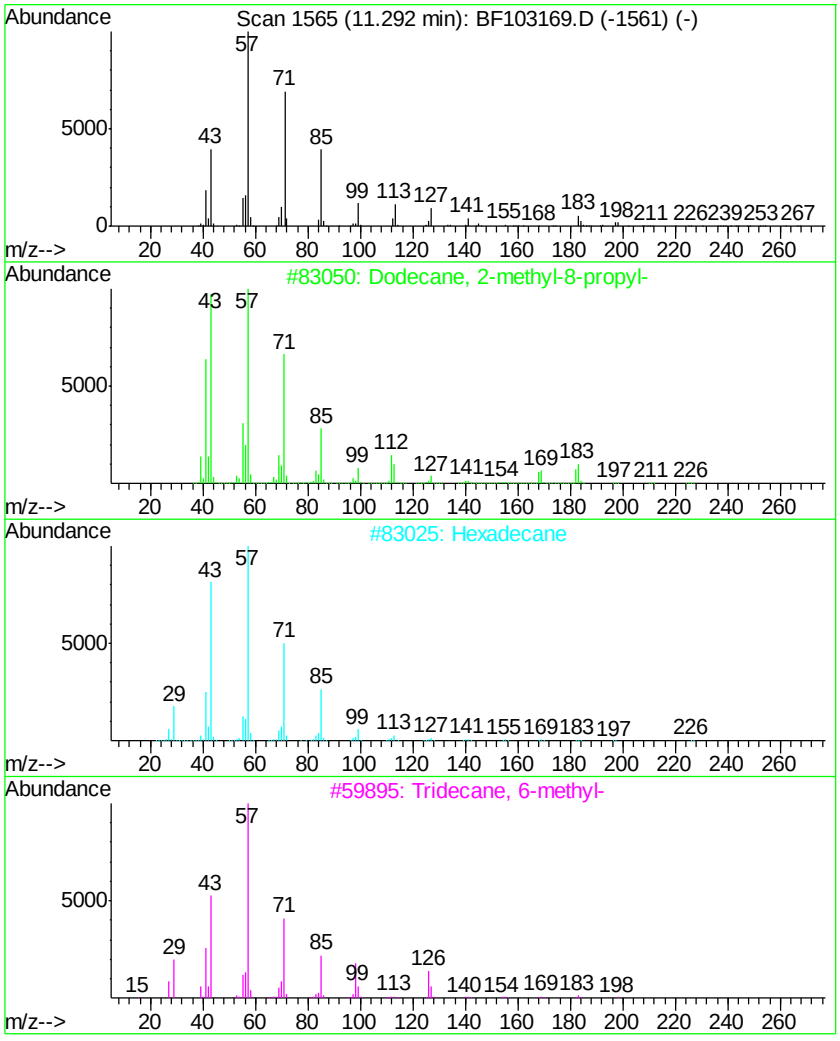
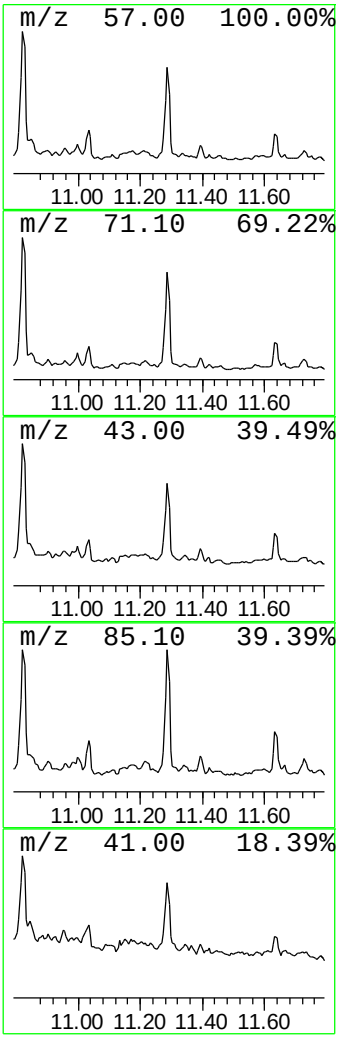
Peak Number 20 Dodecane, 2-methyl-8-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	30.93 ng	1805080	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF022218\
Data File : BF103169.D
Acq On : 22 Feb 2018 18:22
Operator : SJ/JU
Sample : J1634-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-72-11931

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
Butane, 2-methoxy...	2.15	15.4	ng	1133160	1	6.87	1467580	20.0
unknown6.65	6.65	45.6	ng	3345940	1	6.87	1467580	20.0
Indane	7.05	34.1	ng	2504780	1	6.87	1467580	20.0
unknown7.51	7.51	14.7	ng	1080490	1	6.87	1467580	20.0
Undecane, 2,6-dim...	8.21	19.0	ng	2235780	2	8.16	2358590	20.0
Cyclohexane, hexyl-	8.45	14.1	ng	1657660	2	8.16	2358590	20.0
Cyclohexane, pentyl-	9.06	25.3	ng	1023800	3	9.92	809446	20.0
Dodecane, 2,6,10-...	9.17	53.6	ng	2171110	3	9.92	809446	20.0
Tetratetracontane	9.32	31.4	ng	1271810	3	9.92	809446	20.0
Naphthalene, 2,7-...	9.50	26.2	ng	1061570	3	9.92	809446	20.0
unknown9.78	9.78	20.9	ng	845497	3	9.92	809446	20.0
unknown9.82	9.82	33.2	ng	1343850	3	9.92	809446	20.0
Naphthalene, 2-(1...	10.02	19.9	ng	803473	3	9.92	809446	20.0
Naphthalene, 1,6,...	10.16	43.5	ng	1760900	3	9.92	809446	20.0
Naphthalene, 2,3,...	10.23	20.4	ng	826311	3	9.92	809446	20.0
Undecane, 2,5-dim...	10.56	48.8	ng	1973440	3	9.92	809446	20.0
Dodecane, 2,5-dim...	10.82	41.2	ng	2405130	4	11.40	1167270	20.0
Dodecane, 2-methy...	11.29	30.9	ng	1805080	4	11.40	1167270	20.0