LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113169.D
Acq On : 20 Mar 2019 14:16
Operator : JU/SJ
Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	4.322	375	380	390	rVB2	31815	48628	1.25%	0.128%
2	4.840	463	468	472	rVB2	52339	70507	1.81%	0.185%
3	4.910	476	480	485	rVB2	60828	74532	1.91%	0.196%
4	5.122	512	516	518	rBV	74480	78542	2.01%	0.206%
5	5.334	548	552	560	rBV	1900130	1810471	46.38%	4.751%
6	5.528	582	585	588	rVB	73497	67733	1.74%	0.178%
7	5.575	588	593	595	rBV	45329	52806	1.35%	0.139%
8	5.740	615	621	625	rBV2	71824	112057	2.87%	0.294%
9	5.798	625	631	633	rBV2	40453	60604	1.55%	0.159%
10	5.875	642	644	648	rVB	108190	93408	2.39%	0.245%
11	5.928	648	653	658	rBV4	53765	88575	2.27%	0.232%
12	5.975	658	661	667	rVB2	104656	127607	3.27%	0.335%
13	6.028	667	670	673	rBV2	57289	66861	1.71%	0.175%
14	6.163	687	693	697	rBV	120341	154010	3.95%	0.404%
15	6.281	711	713	718	rVB	46315	49250	1.26%	0.129%
16	6.363	723	727	735	rVV	1281204	1281341	32.82%	3.363%
17	6.492	745	749	757	rVB	3423276	3288293	84.23%	8.630%
18	6.663	776	778	782	rVB3	39860	48806	1.25%	0.128%
19	6.722	784	788	791	rVV	841310	760712	19.49%	1.996%
20	6.745	791	792	795	rVB	114844	75896	1.94%	0.199%
21	6.792	795	800	803	rBV2	57866	72387	1.85%	0.190%
22	6.851	807	810	811	rBV	76013	70872	1.82%	0.186%
23	6.881	811	815	818	rVB	3088638	2940851	75.33%	7.718%
24	6.998	833	835	840	rVB4	39469	49541	1.27%	0.130%
25	7.081	844	849	853	rBV3	50346	72466	1.86%	0.190%
26	7.116	853	855	858	rBV	67138	57795	1.48%	0.152%
27	7.234	873	875	877	rBV2	54546	57948	1.48%	0.152%
28	7.287	877	884	886	rVV	2453077	2681257	68.68%	7.037%
29	7.304	886	887	890	rVV	119262	102788	2.63%	0.270%
30	7.375	894	899	903	rVB4	67552	123635	3.17%	0.324%
31	7.422	903	907	908	rBV2	58033	63834	1.64%	0.168%
32	7.498	915	920	922	rBV	125359	155123	3.97%	0.407%
33	7.534	924	926	930	rVB4	130382	123149	3.15%	0.323%
34	7.581	930	934	938	rBV3	53054	102182	2.62%	0.268%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.628	938	942	944	rVV2	161866	168310	4.31%	0.442%
36	7.657	946	947	950	rVB2	79327	50030	1.28%	0.131%
37	7.834	975	977	981	rVB3	56513	53550	1.37%	0.141%
38	7.881	981	985	987	rBV	63688	78686	2.02%	0.206%
39	7.922	988	992	995	rBV3	84643	132215	3.39%	0.347%
40	8.004	1001	1006	1013	rBV	1202346	1220101	31.25%	3.202%
41	8.075	1016	1018	1021	rVB	226164	176534	4.52%	0.463%
42	8.104	1021	1023	1030	rVB7	78756	138846	3.56%	0.364%
43	8.181	1031	1036	1037	rBV3	78849	117830	3.02%	0.309%
44	8.204	1037	1040	1045	rVB6	123937	184426	4.72%	0.484%
45	8.245	1045	1047	1050	rVB3	50416	49222	1.26%	0.129%
46	8.286	1051	1054	1055	rBV2	55269	51018	1.31%	0.134%
47	8.304	1055	1057	1059	rVB	154553	112825	2.89%	0.296%
48	8.334	1059	1062	1065	rBV3	55889	54093	1.39%	0.142%
49	8.398	1070	1073	1075	rVB2	102094	99393	2.55%	0.261%
50	8.439	1077	1080	1084	rBV	321721	328363	8.41%	0.862%
51	8.475	1084	1086	1091	rVB4	111478	141031	3.61%	0.370%
52	8.539	1094	1097	1100	rBV3	36444	50739	1.30%	0.133%
53	8.645	1112	1115	1116	rBV2	64442	58568	1.50%	0.154%
54	8.663	1116	1118	1120	rVV3	80766	68741	1.76%	0.180%
55	8.698	1121	1124	1127	rVB2	174398	225833	5.78%	0.593%
56	8.757	1127	1134	1136	rBV3	158340	289580	7.42%	0.760%
57	8.863	1150	1152	1155	rBV4	110278	115021	2.95%	0.302%
58	8.916	1158	1161	1164	rBV	162426	144567	3.70%	0.379%
59	8.945	1164	1166	1168	rBV3	48317	51936	1.33%	0.136%
60	8.975	1168	1171	1173	rVB3	101368	103527	2.65%	0.272%
61	9.010	1174	1177	1179	rBV4	81183	90997	2.33%	0.239%
62	9.033	1179	1181	1183	rBV	305421	233668	5.99%	0.613%
63	9.081	1183	1189	1192	rVB	4252967	3903816	100.00%	10.245%
64	9.181	1204	1206	1208	rBV3	80635	79572	2.04%	0.209%
65	9.292	1223	1225	1227	rVB2	102797	77661	1.99%	0.204%
66	9.357	1234	1236	1238	rVB	70225	47347	1.21%	0.124%
67	9.404	1241	1244	1249	rVV4	184983	277923	7.12%	0.729%
68	9.486	1253	1258	1261	rVB2	444367	503686	12.90%	1.322%
69	9.575	1270	1273	1275	rBV3	95456	115288	2.95%	0.303%
70	9.675	1287	1290	1292	rBV3	92724	100793	2.58%	0.265%
71	9.698	1292	1294	1298	rVV5	88441	113778	2.91%	0.299%

LSC Area Percent Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : TW-9-031519

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.751	1298	1303	1307	rVV	1203867	1150318	29.47%	3.019%
73	9.822	1313	1315	1318	rBV3	73657	76596	1.96%	0.201%
74	9.922	1329	1332	1333	rBV	83455	85153	2.18%	0.223%
75	9.939	1333	1335	1339	rVB4	124422	150929	3.87%	0.396%
76	10.022	1346	1349	1355	rBV5	204632	264436	6.77%	0.694%
77	10.186	1374	1377	1381	rVB3	175836	196546	5.03%	0.516%
78	10.251	1385	1388	1390	rVB2	124010	117471	3.01%	0.308%
79	10.322	1397	1400	1404	rBV4	248407	323897	8.30%	0.850%
80	10.357	1404	1406	1409	rVV	160843	157050	4.02%	0.412%
81	10.416	1413	1416	1419	rVB	277814	290362	7.44%	0.762%
82	10.545	1433	1438	1441	rBV	2633161	2509989	64.30%	6.587%
83	10.580	1442	1444	1447	rVB3	202528	188151	4.82%	0.494%
84	10.680	1456	1461	1464	rBV	372428	429553	11.00%	1.127%
85	10.927	1501	1503	1506	rBV2	107455	112643	2.89%	0.296%
86	11.145	1537	1540	1544	rVB	234684	252694	6.47%	0.663%
87	11.233	1551	1555	1558	rBV	1272418	1068102	27.36%	2.803%
88	11.786	1646	1649	1652	rBV	542985	466692	11.95%	1.225%
89	12.563	1779	1781	1787	rVB2	449339	492392	12.61%	1.292%
90	12.821	1820	1825	1828	rBV	3462529	3410753	87.37%	8.951%
91	13.868	2000	2003	2005	rBV	838234	727912	18.65%	1.910%
92	15.280	2240	2243	2246	rBV	635791	739206	18.94%	1.940%

Sum of corrected areas: 38104826

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113169.D
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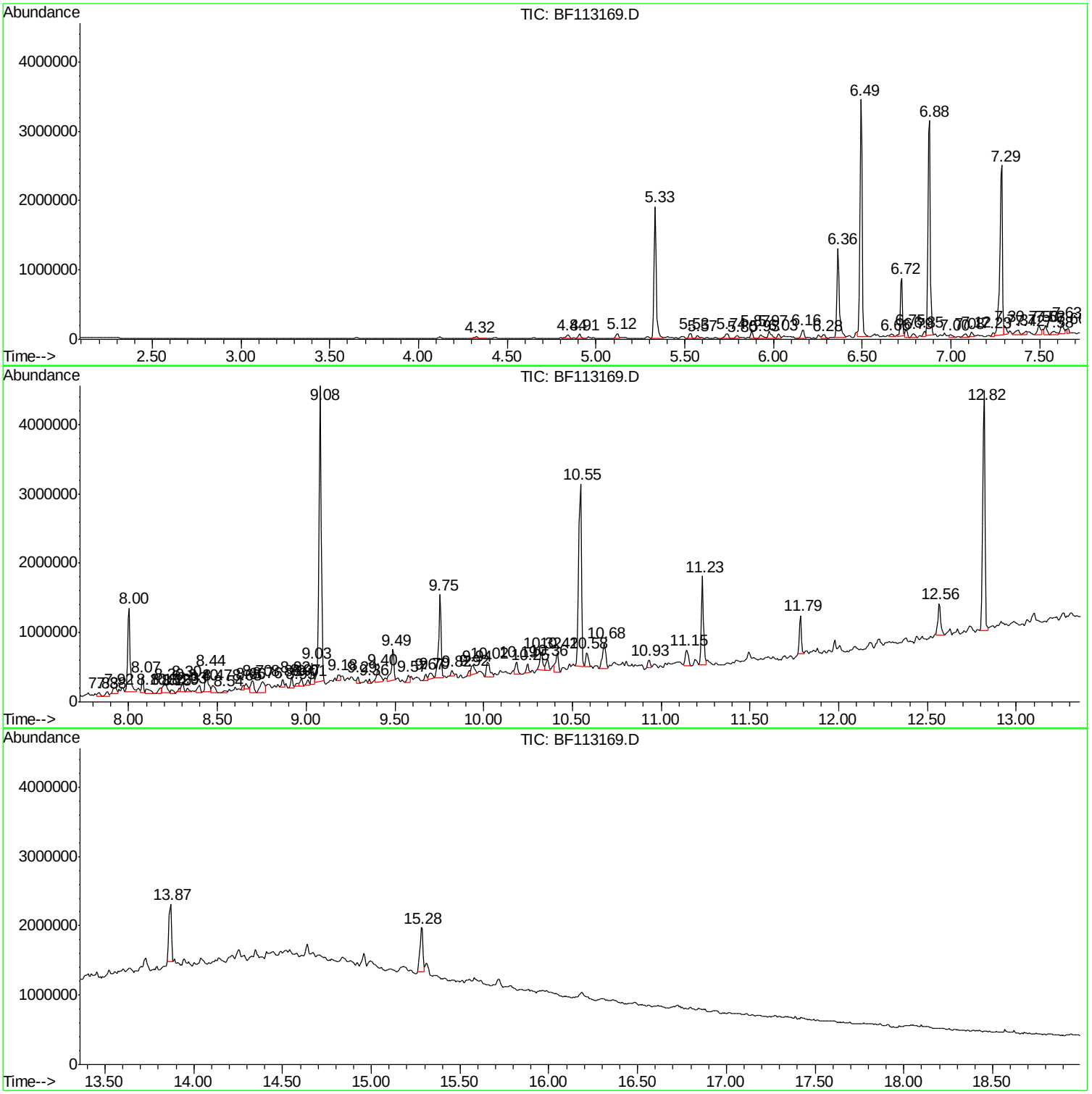
Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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 : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113169.D
Acq On : 20 Mar 2019 14:16
Operator : JU/SJ
Sample : K1972-02
Misc :
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Instrument : BNA_F
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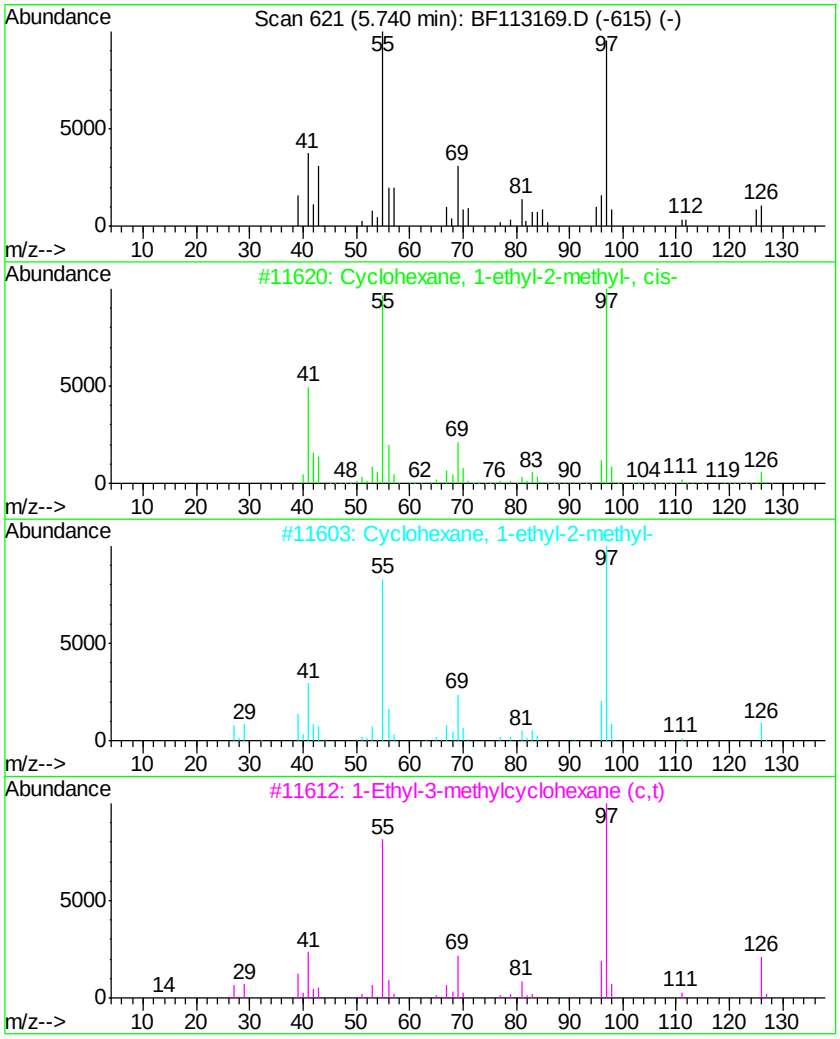
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

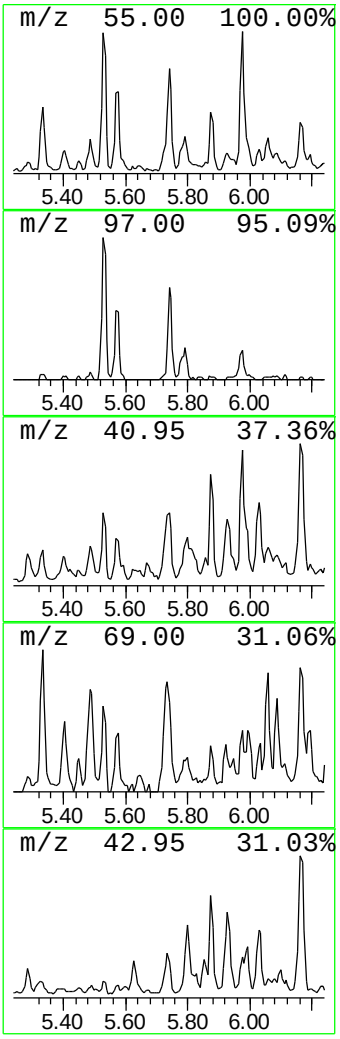
****

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	2.95 ng	112057	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113169.D
Acq On : 20 Mar 2019 14:16
Operator : JU/SJ
Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

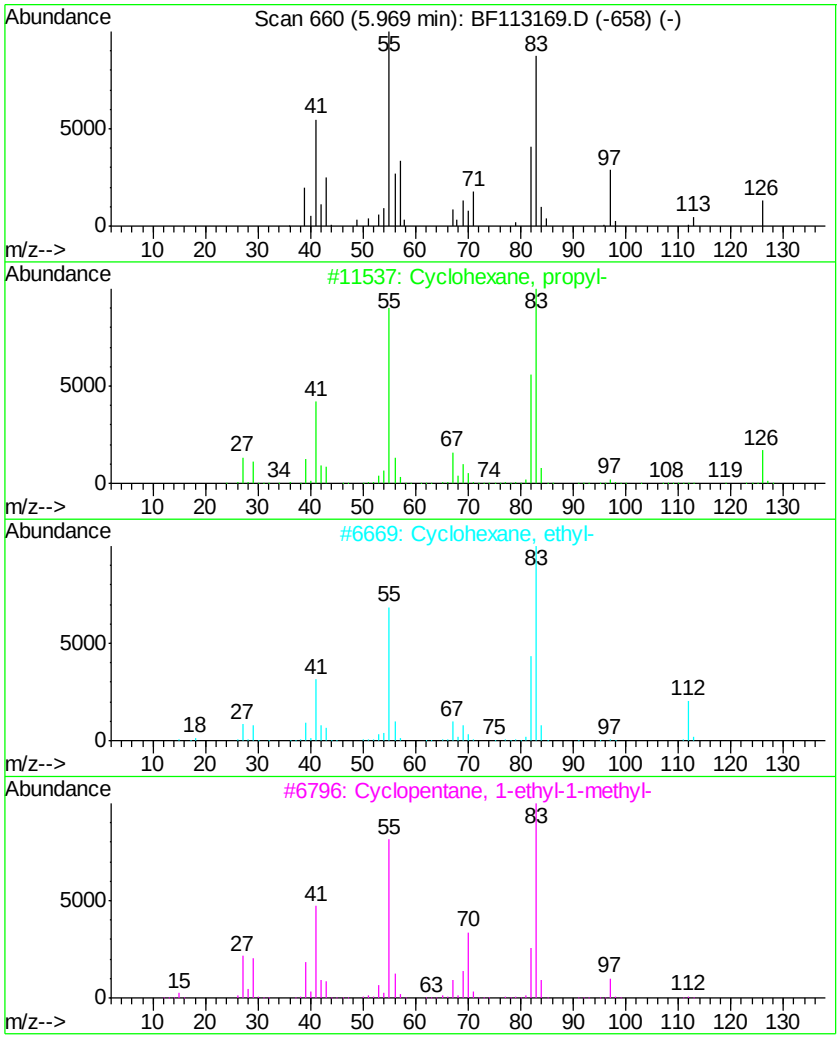
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

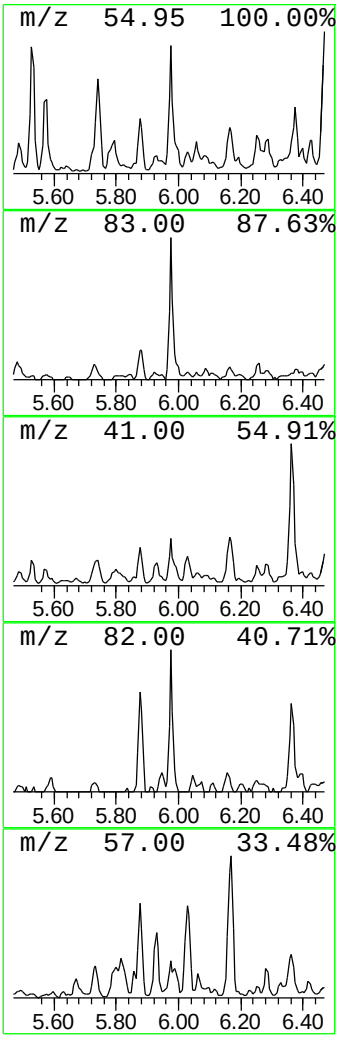
****

Peak Number 2 Cyclohexane, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	3.35 ng	127607	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	58
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	50
5	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	47





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Sample : K1972-02
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Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

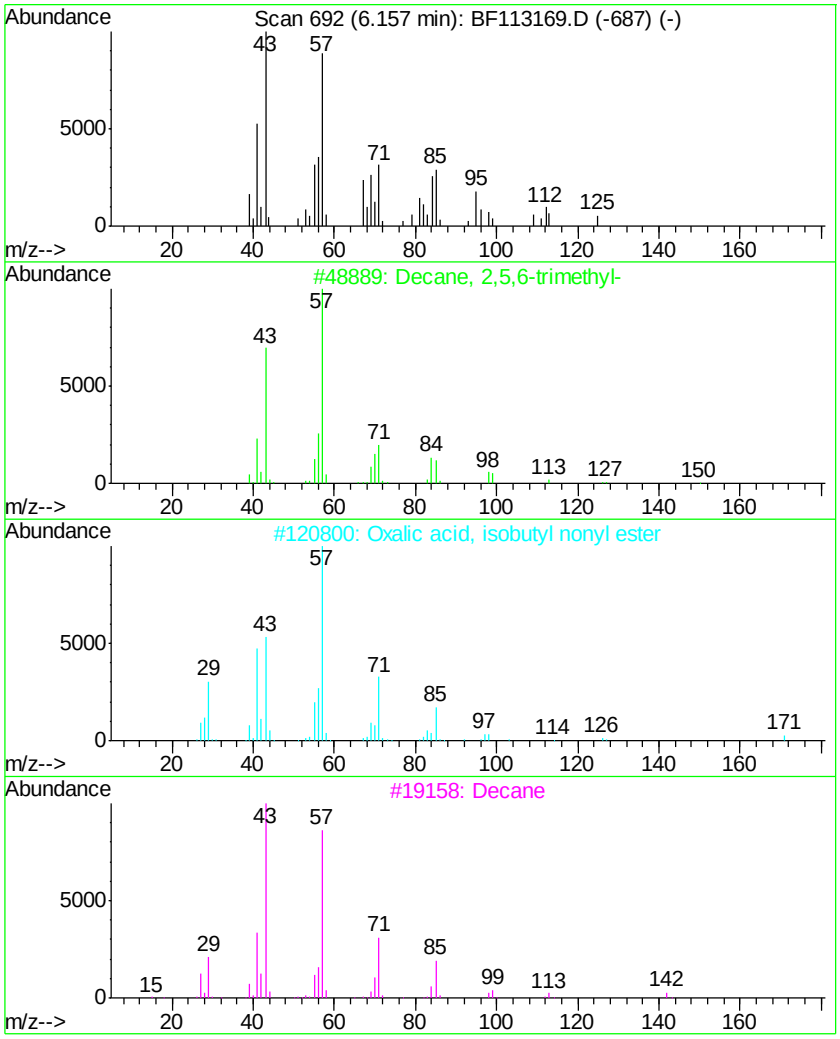
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

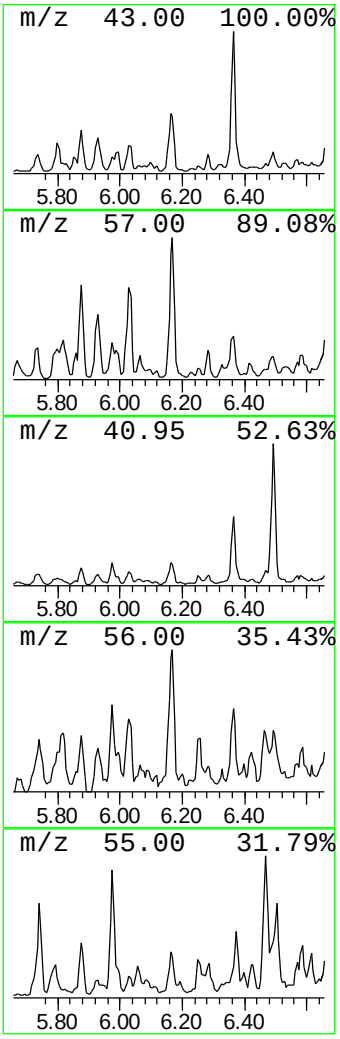
****

Peak Number 3 Decane, 2,5,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	4.05 ng	154010	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
3	Decane	142	C10H22	000124-18-5	50
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113169.D
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Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

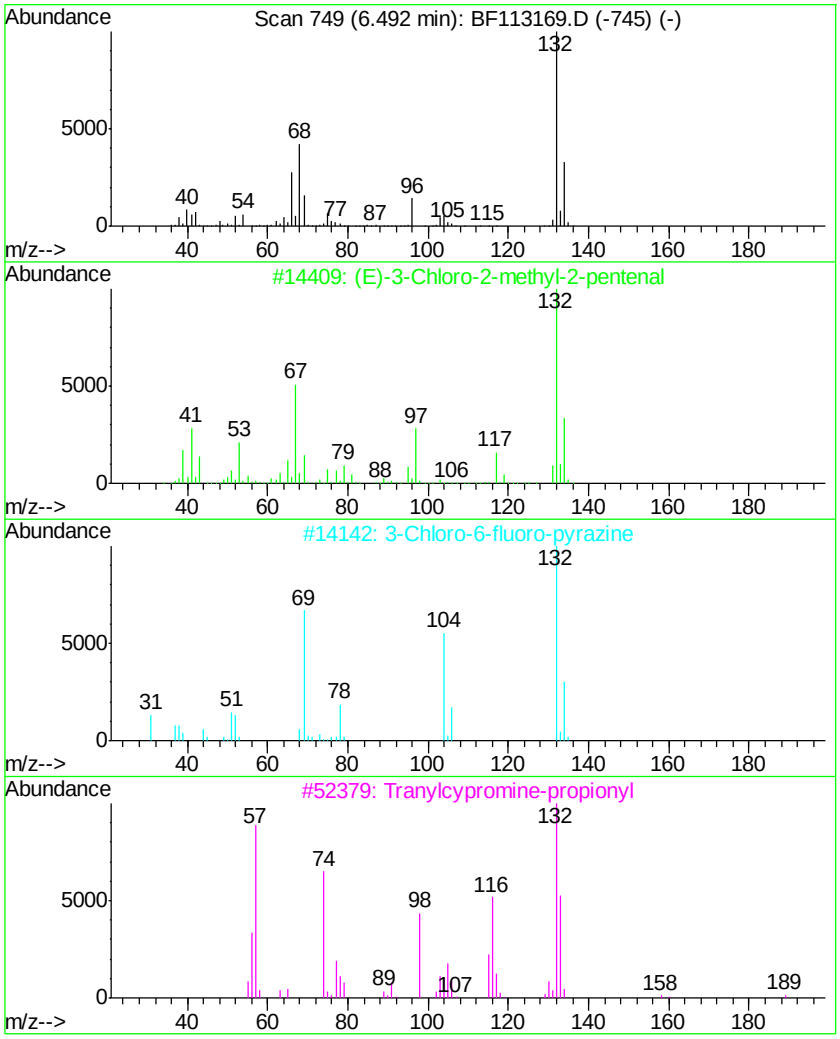
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

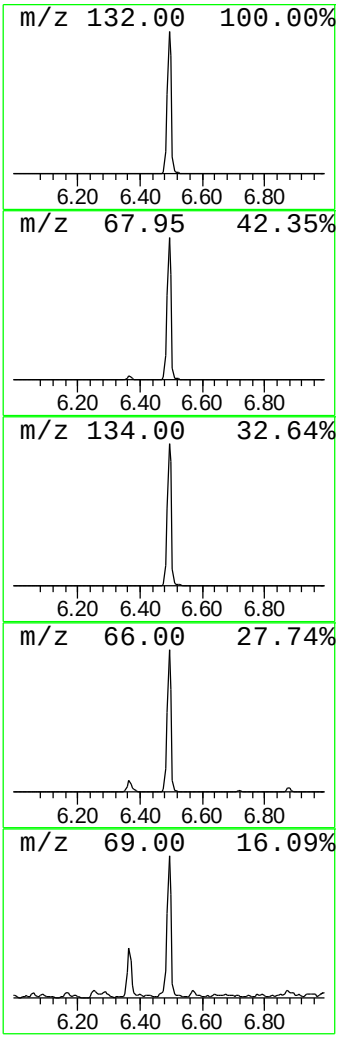
****

Peak Number 4 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	86.45 ng	3288290	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
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





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Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

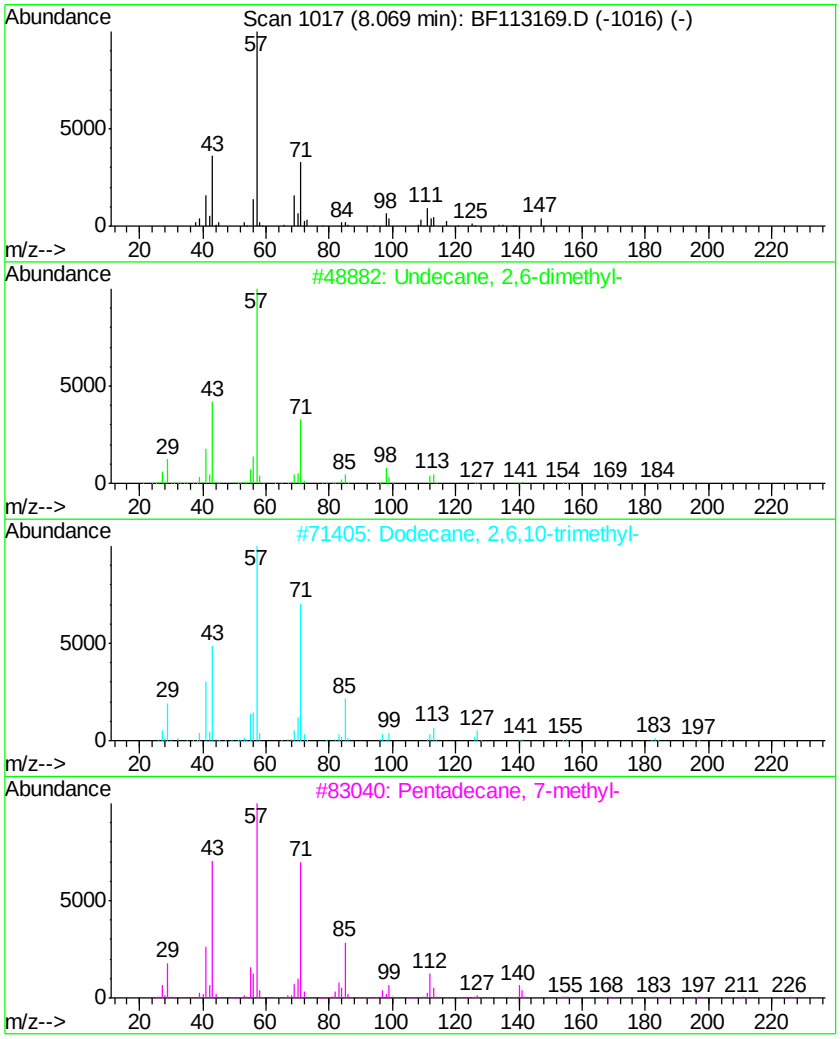
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

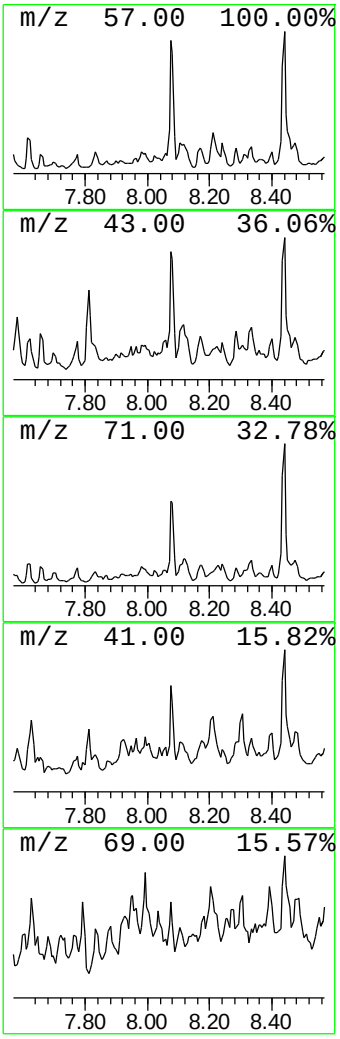
****

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	2.89 ng	176534	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64





Library Search Compound Report

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Data File : BF113169.D
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Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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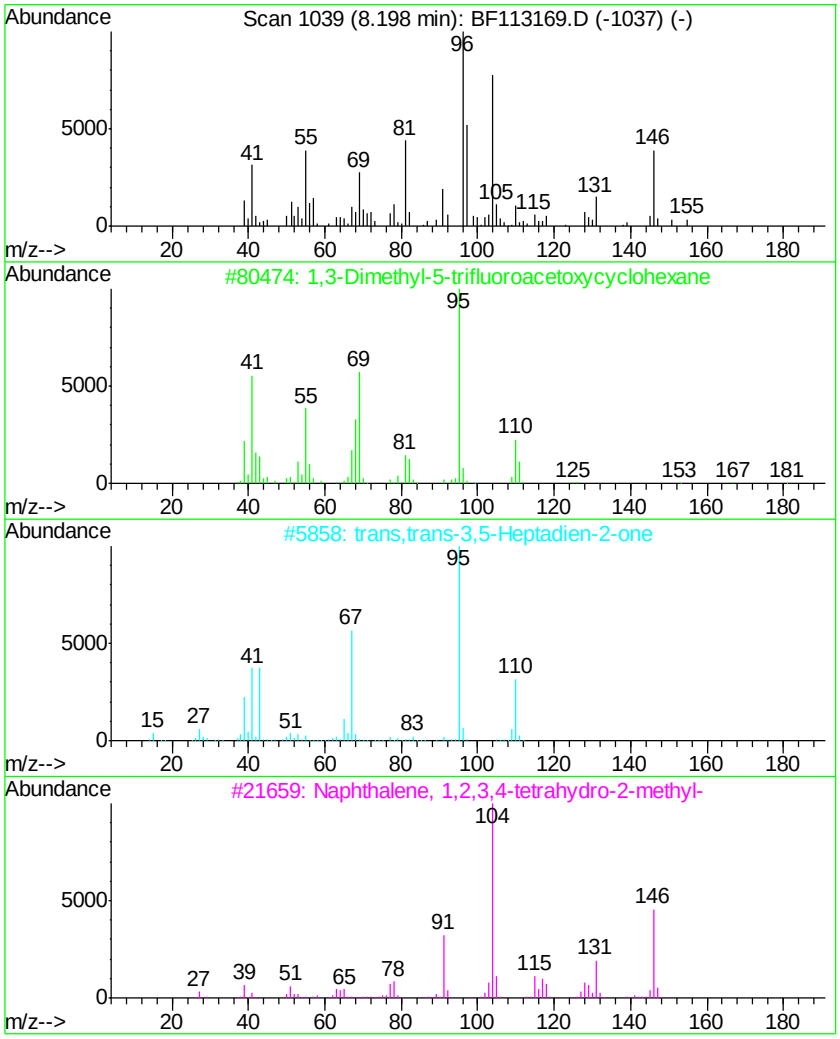
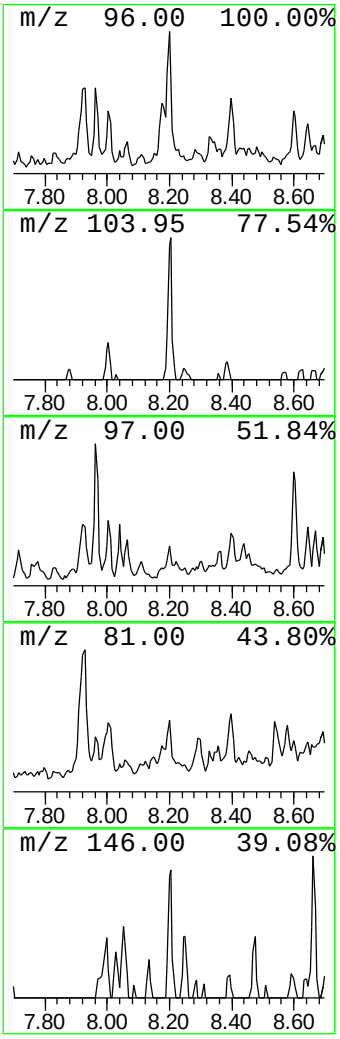
Peak Number 7 unknown8.20 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.02 ng	184426	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	22
2	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	14
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	14
4	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	14
5	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	14





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Operator : JU/SJ
Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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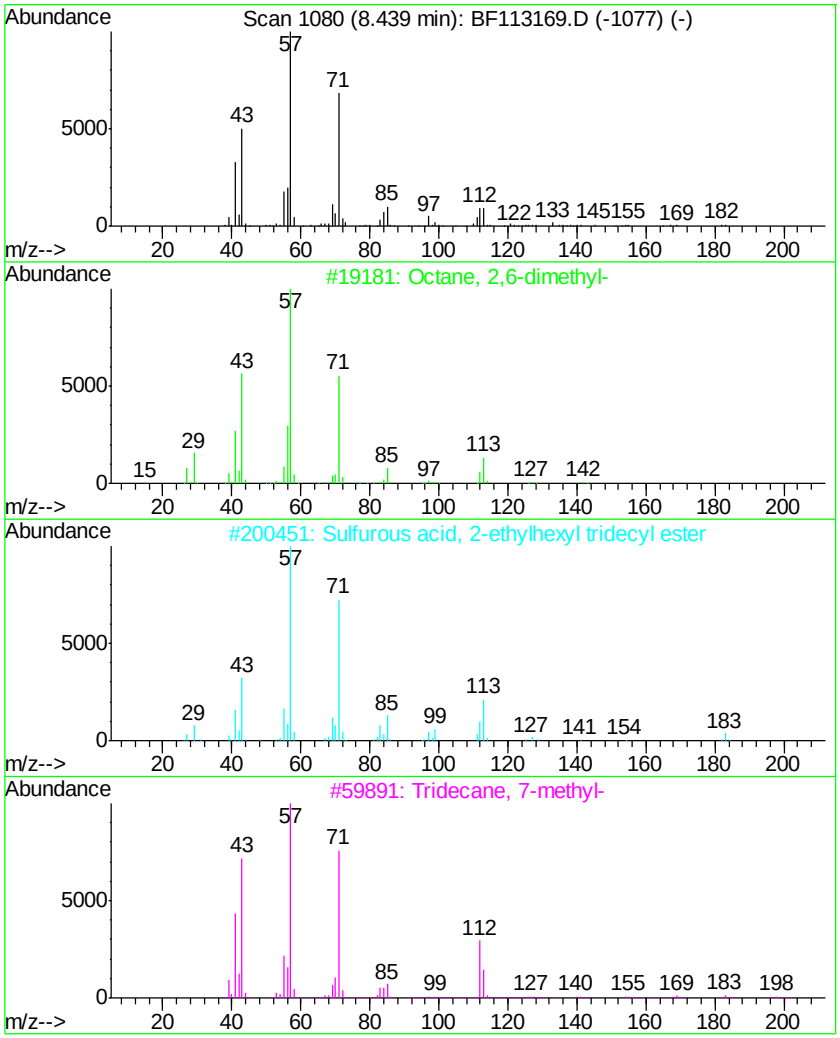
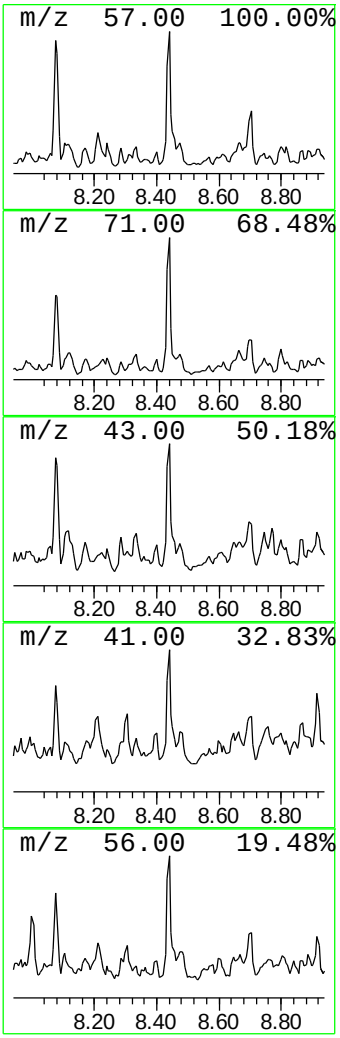
Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	5.38 ng	328363	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	64





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ClientSampleId : TW-9-031519

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TIC Library : C:\DATABASE\NIST11.L
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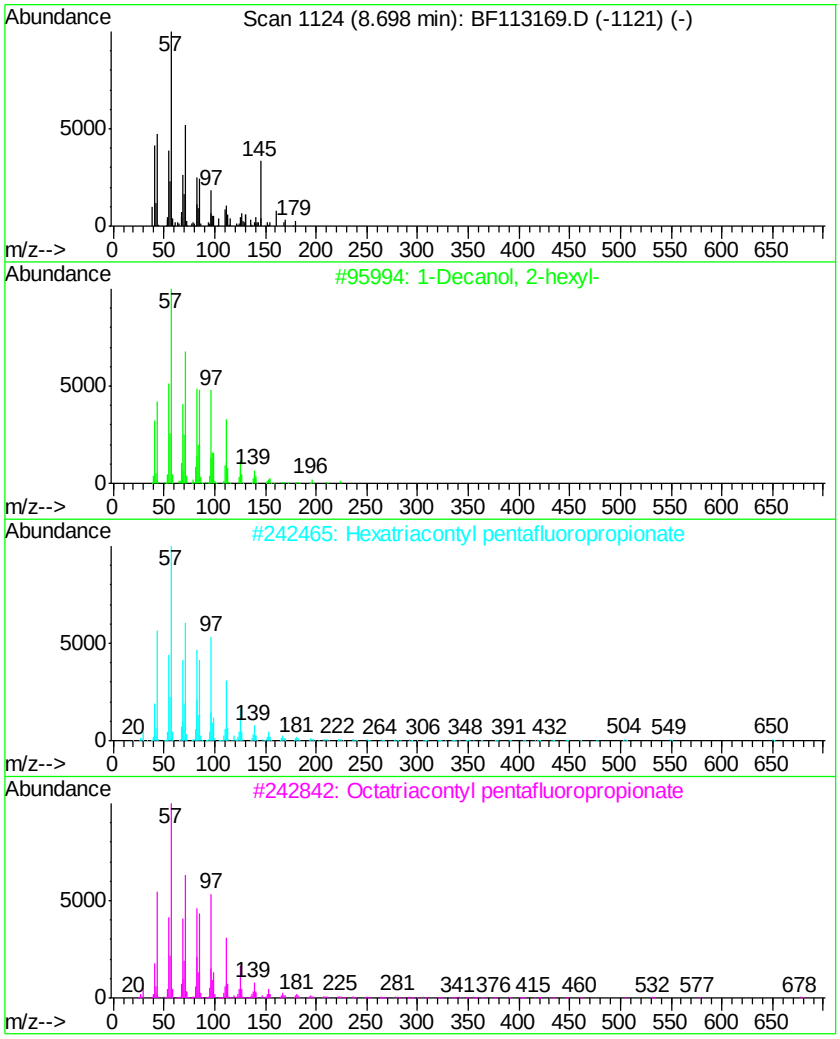
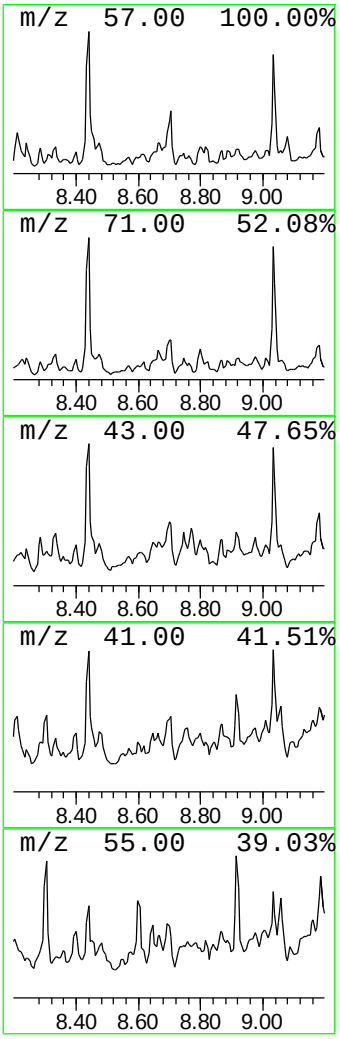
Peak Number 9 1-Decanol, 2-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.70 ng	225833	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	72
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	72
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
5	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	47





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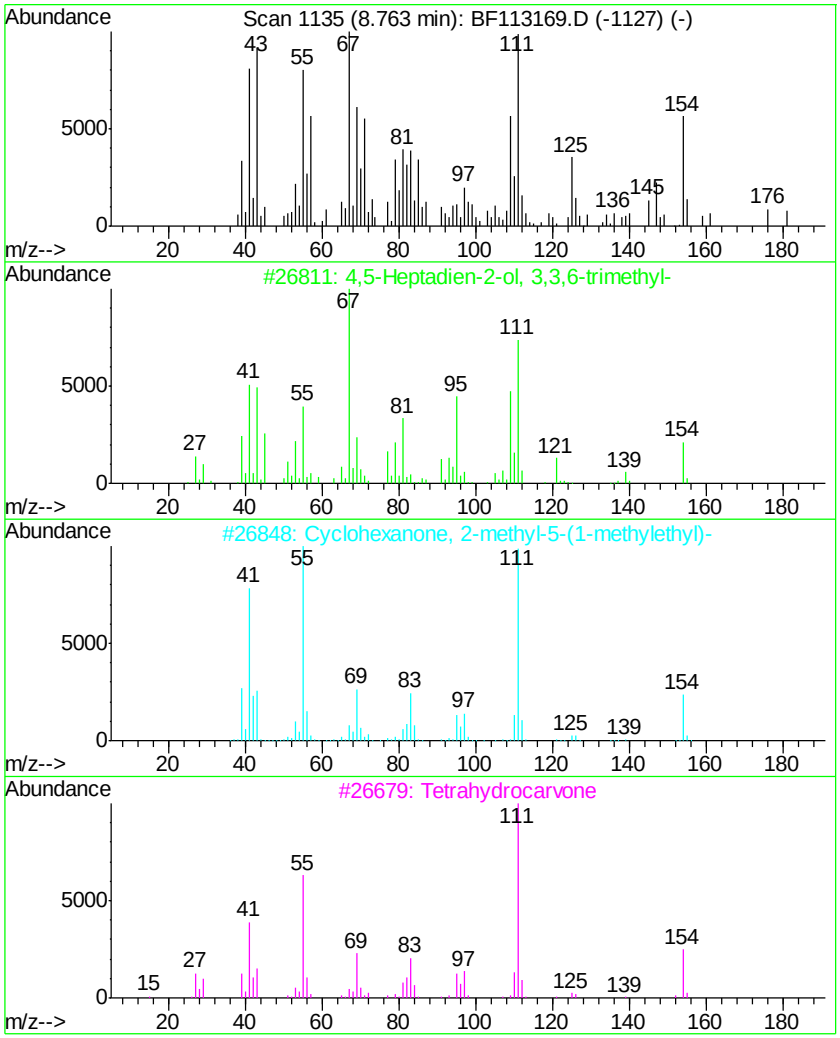
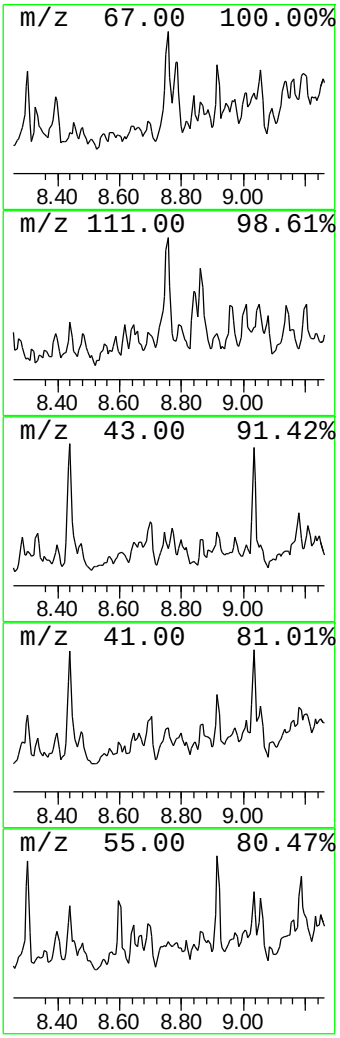
Peak Number 10 4,5-Heptadien-2-ol, 3,3,6-t... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.75 ng	289580	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Heptadien-2-ol, 3,3,6-trimet...	154	C10H18O	060432-69-1	74
2	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	42
3	Tetrahydrocarvone	154	C10H18O	000499-70-7	38
4	Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	30
5	2H-Pyran-2-one, 3-ethyl-4-hydrox...	154	C8H10O3	050607-35-7	30





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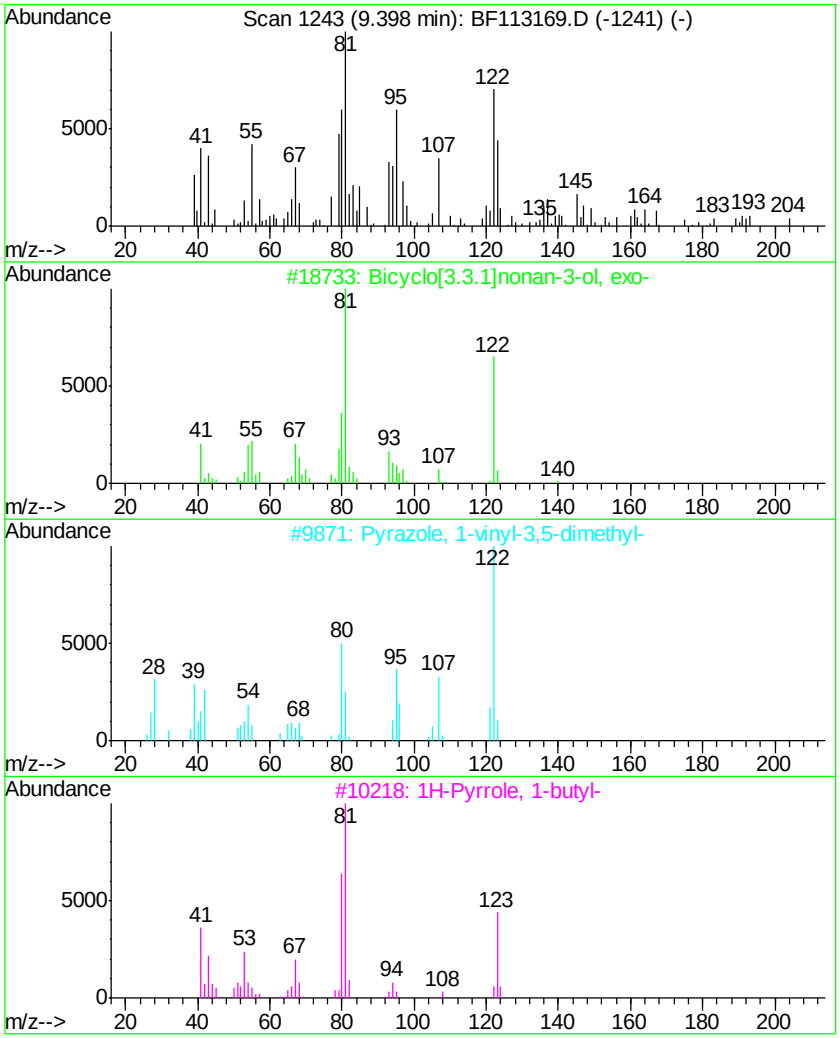
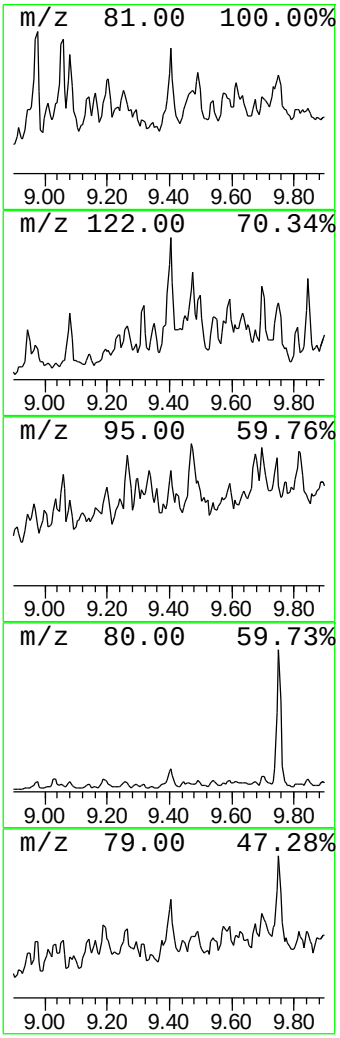
Peak Number 11 unknown9.40 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.83 ng	277923	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonan-3-ol, exo-	140	C9H16O	010036-08-5	43
2	Pyrazole, 1-vinyl-3,5-dimethyl-	122	C7H10N2	015967-75-6	38
3	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	38
4	1,1-Cyclohexane diacetic acid	200	C10H16O4	009355-11-7	35
5	Cyclopentanecarboxylic acid, 3-m...	140	C8H12O2	037575-80-7	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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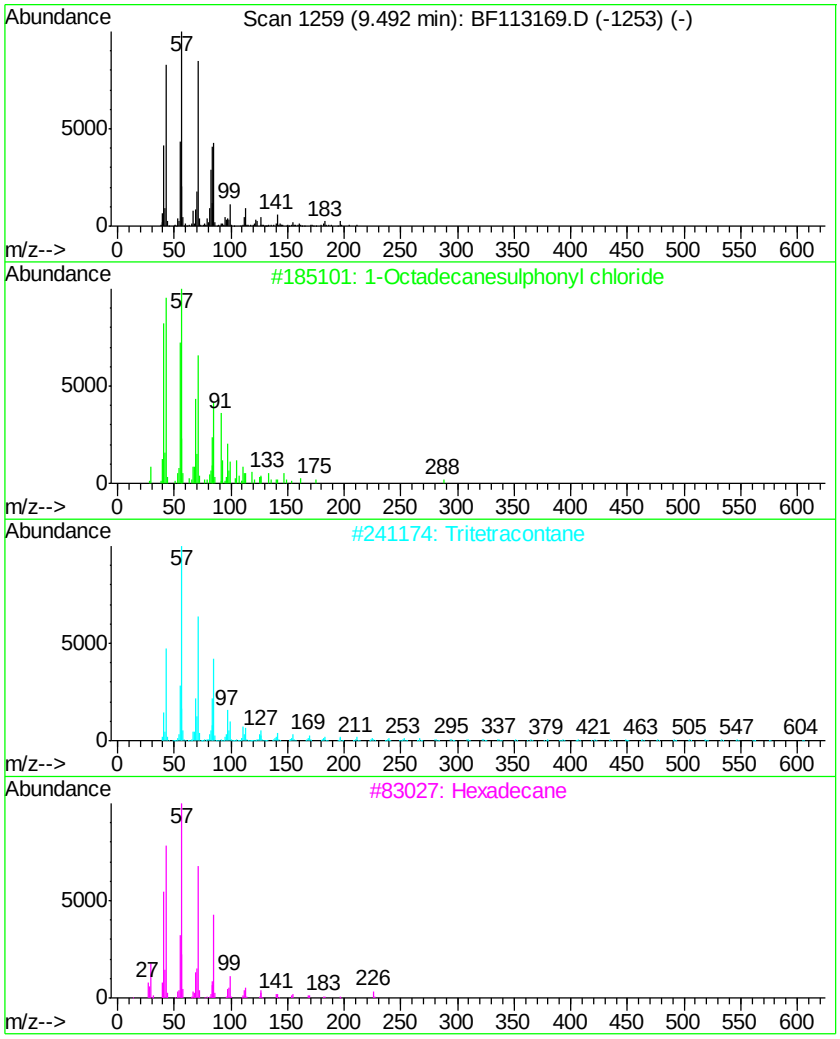
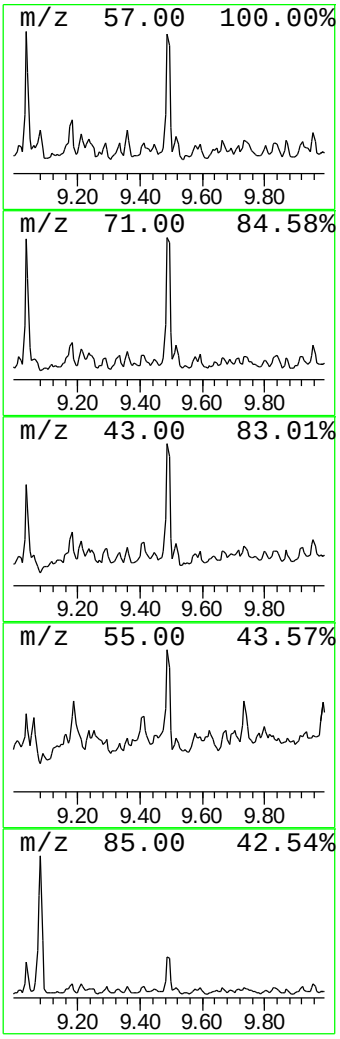
Peak Number 12 1-Octadecanesulphonyl chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	8.76 ng	503686	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
2	Tritetracontane	605	C43H88	007098-21-7	64
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Octane, 2-methyl-	128	C9H20	003221-61-2	58





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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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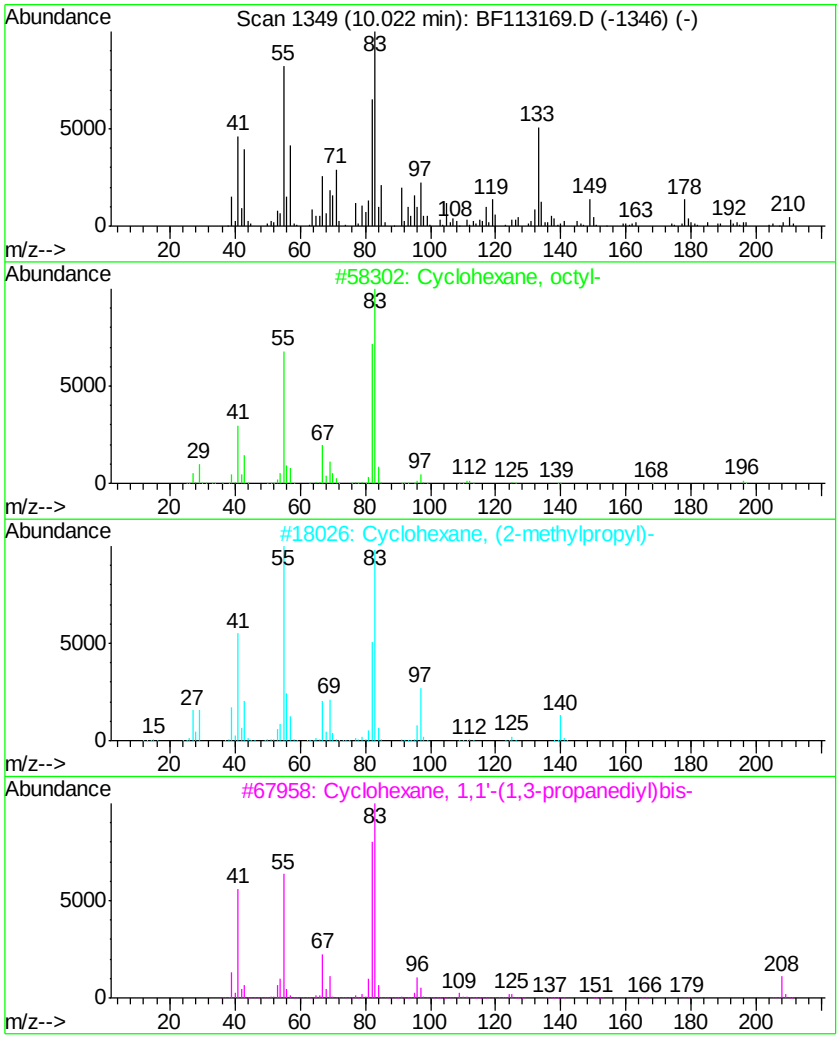
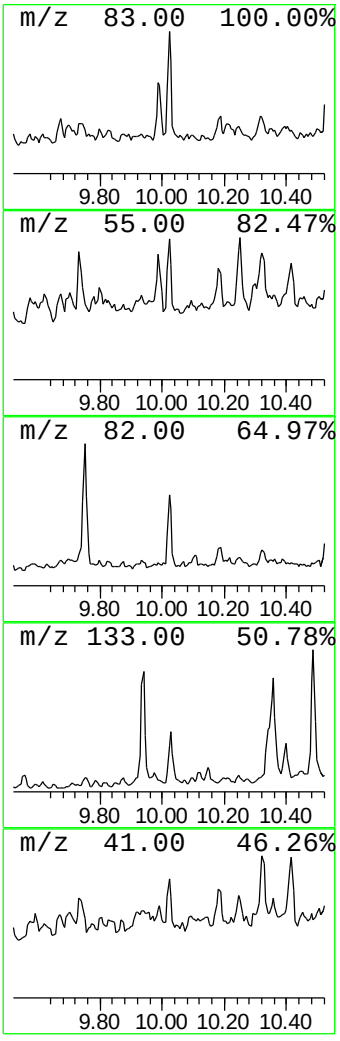
Peak Number 13 unknown10.02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.60 ng	264436	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	45
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	43
4	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





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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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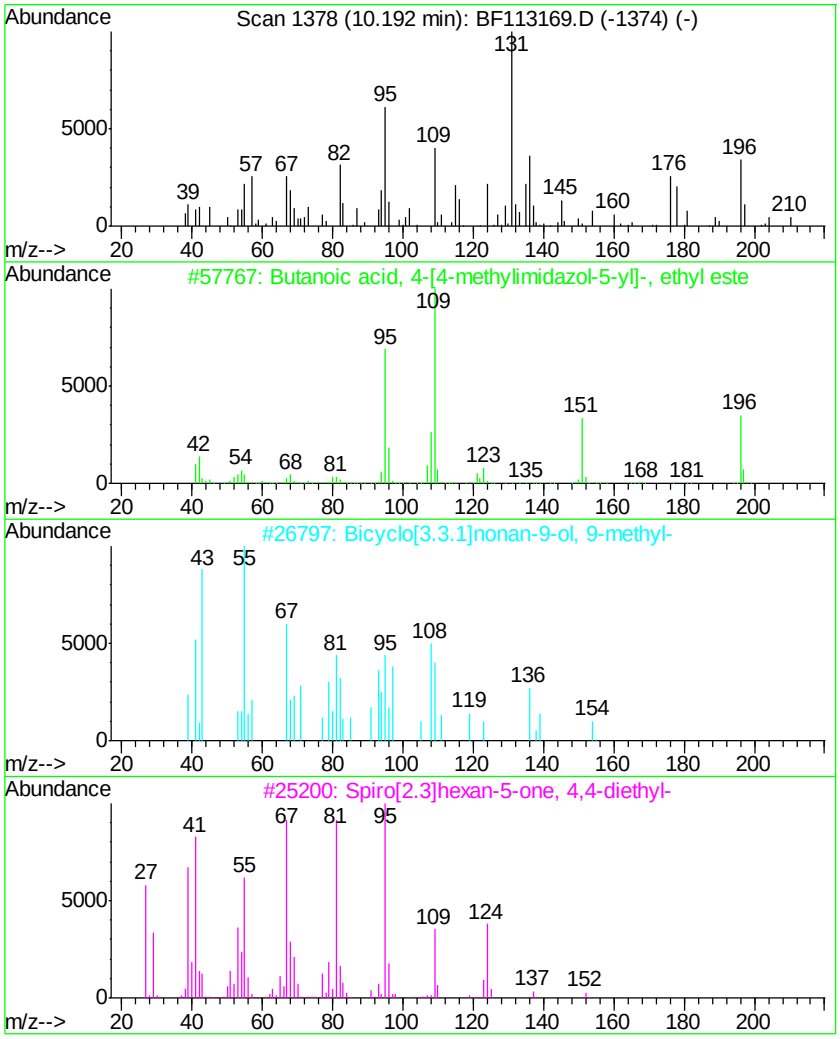
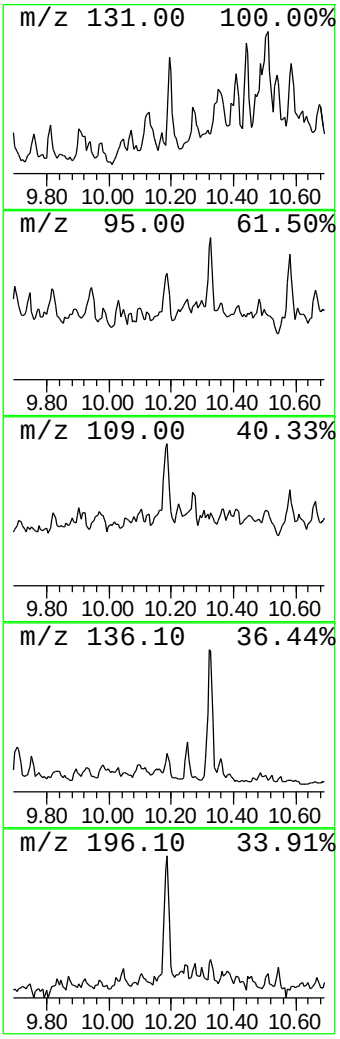
Peak Number 14 Butanoic acid, 4-[4-methyli... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	3.42 ng	196546	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-[4-methylimidaz...	196	C10H16N2O2	1000116-74-5	52
2	Bicyclo[3.3.1]nonan-9-ol, 9-methyl-	154	C10H18O	033832-25-6	38
3	Spiro[2.3]hexan-5-one, 4,4-diethyl-	152	C10H16O	1000154-16-2	25
4	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	25
5	Bicyclo[3.2.1]oct-3-en-2-one, 4-...	136	C9H12O	062702-89-0	25





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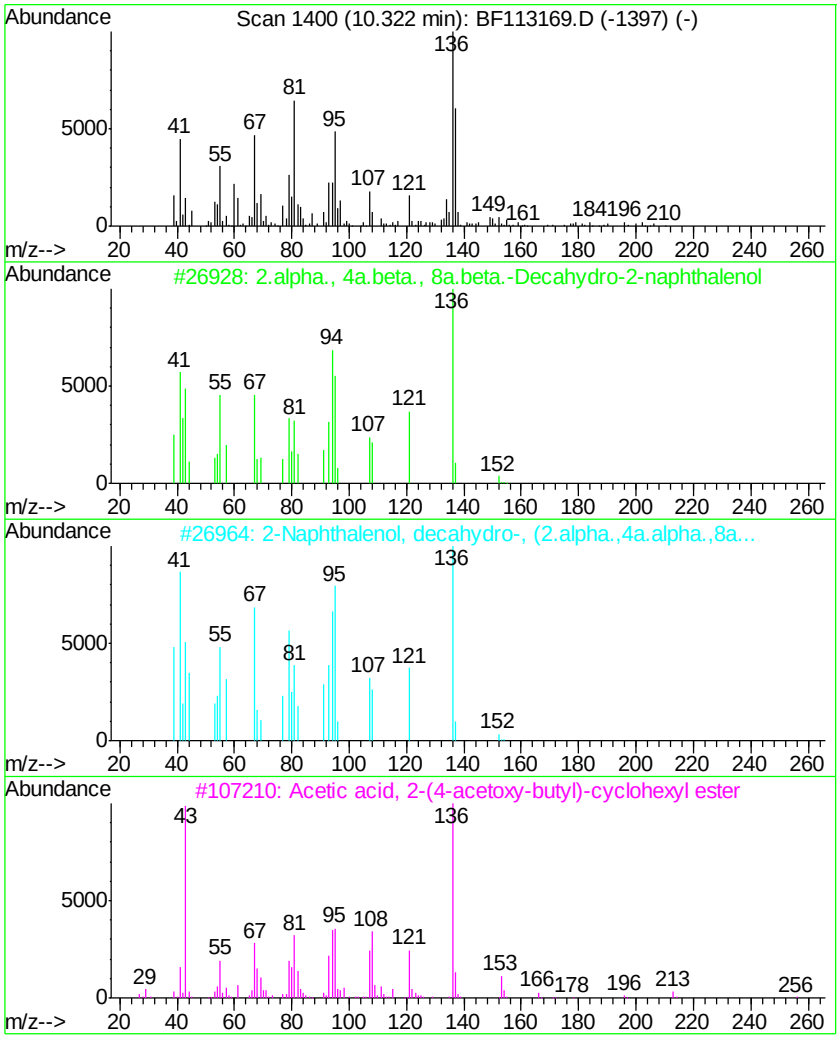
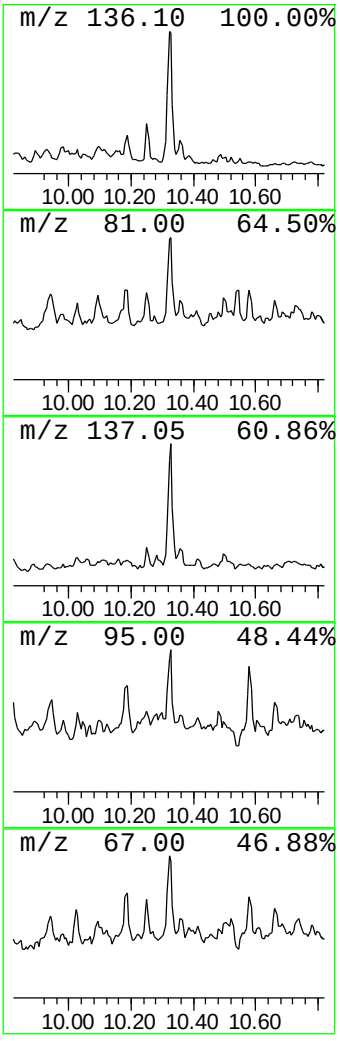
Peak Number 15 unknown10.32 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	5.63 ng	323897	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	001424-37-9	49
2	2-Naphthalenol, decahydro-, (2.a...	154	C10H18O	002529-06-8	49
3	Acetic acid, 2-(4-acetoxy-butyl)...	256	C14H24O4	1000194-76-2	47
4	Bicyclo[3.2.2]non-6-en-3-one	136	C9H12O	1000072-31-7	46
5	Benzenemethanamine, 4-methoxy-	137	C8H11NO	002393-23-9	43





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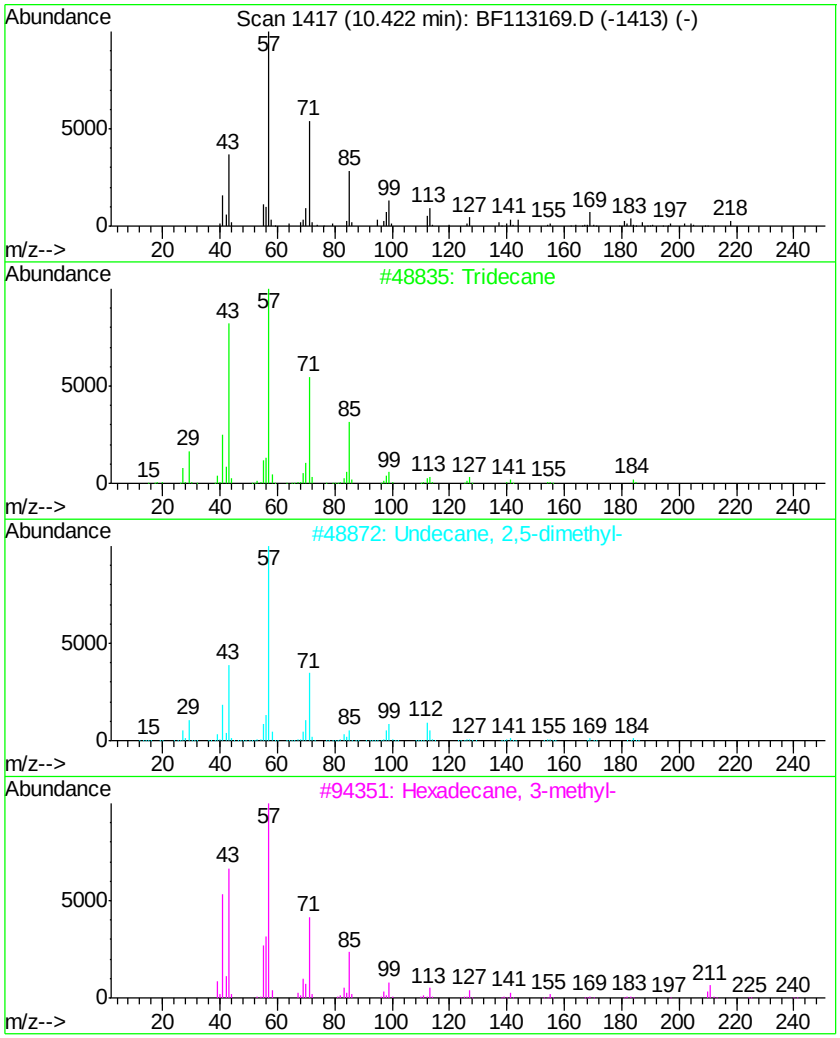
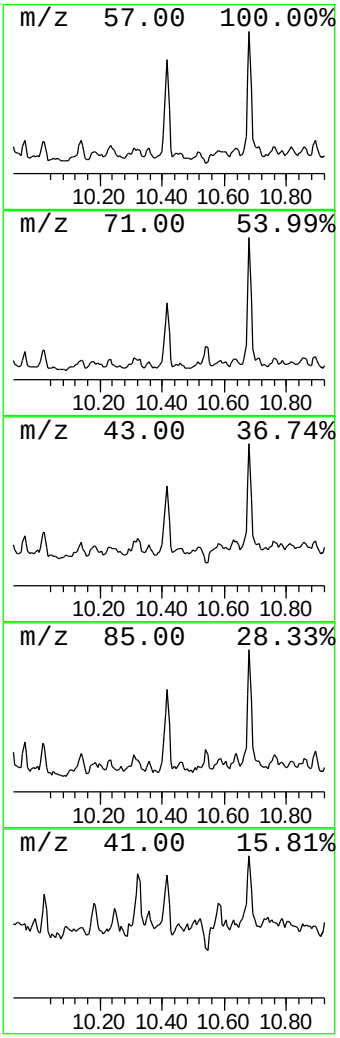
Peak Number 16 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	5.05 ng	290362	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62





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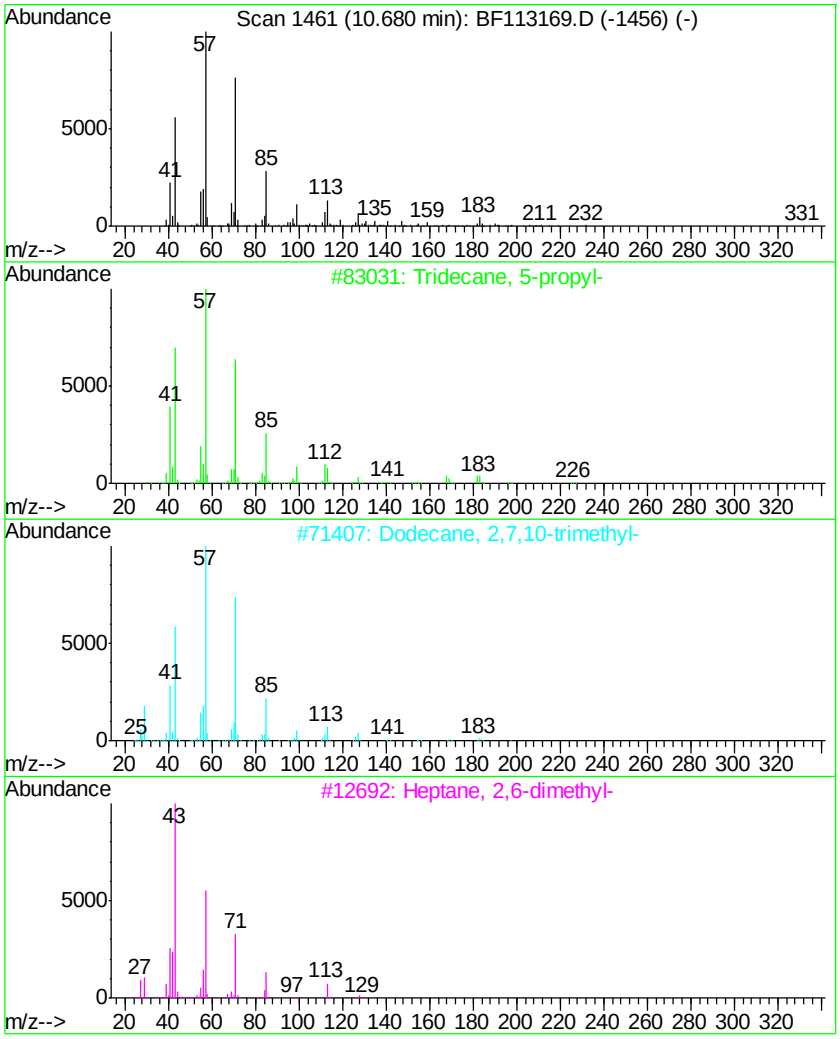
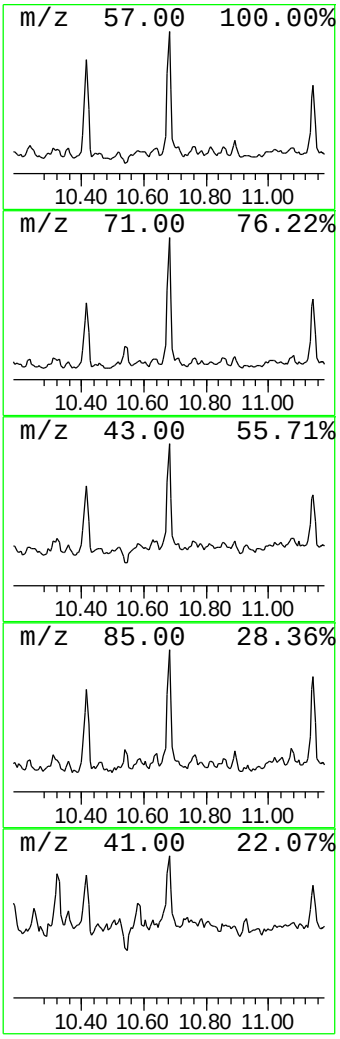
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	8.04 ng	429553	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80





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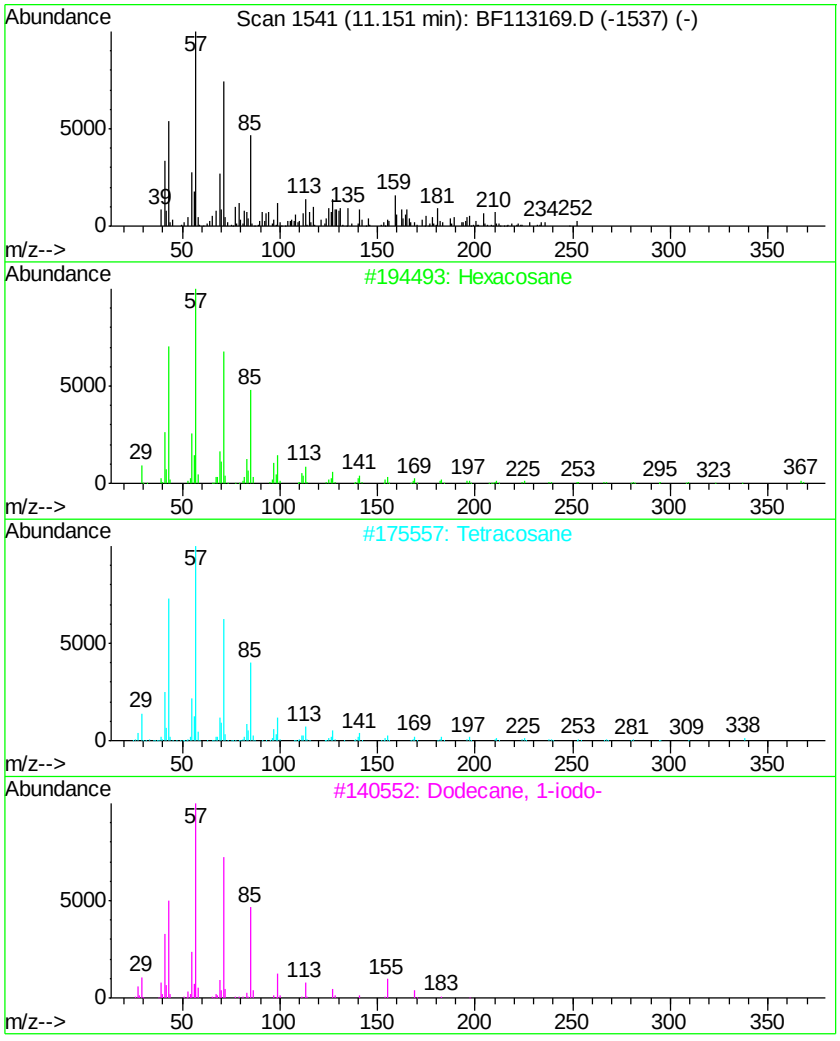
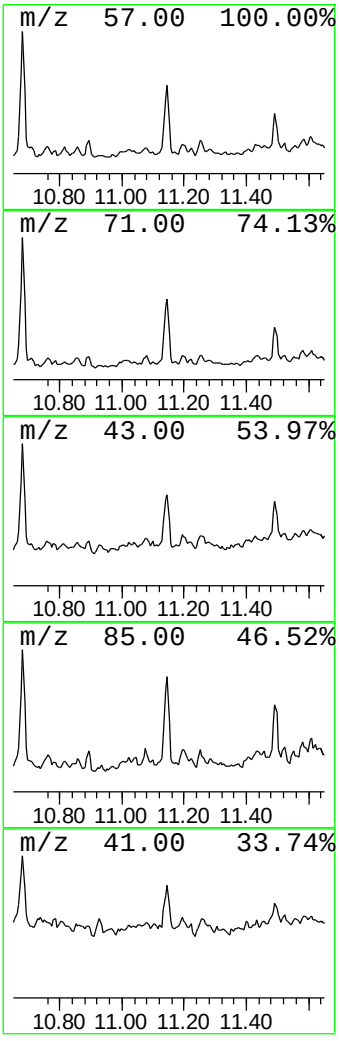
Peak Number 18 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.73 ng	252694	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5	Heptacosane	380	C27H56	000593-49-7	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113169.D
Acq On : 20 Mar 2019 14:16
Operator : JU/SJ
Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

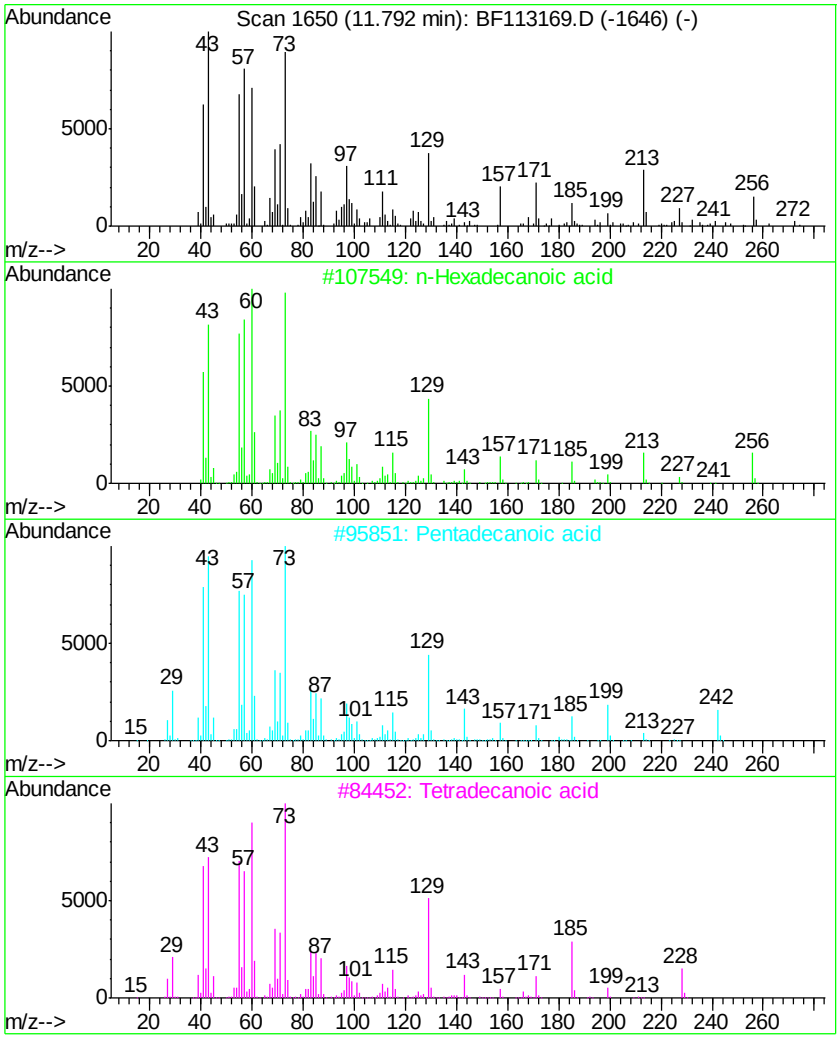
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

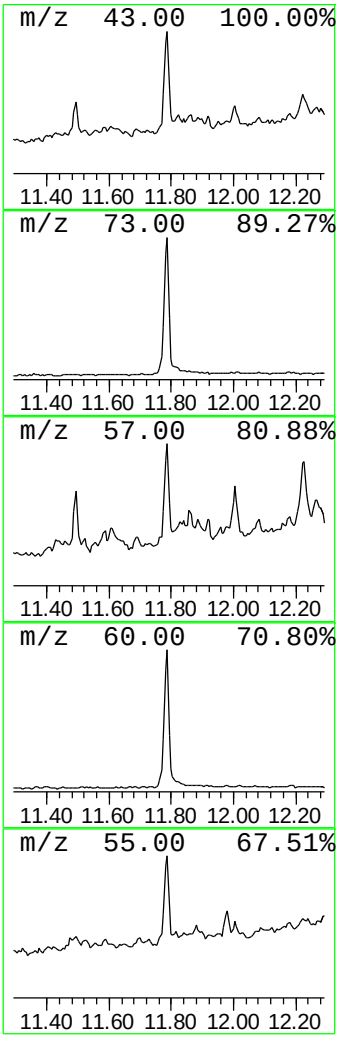
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.74 ng	466692	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113169.D
Acq On : 20 Mar 2019 14:16
Operator : JU/SJ
Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

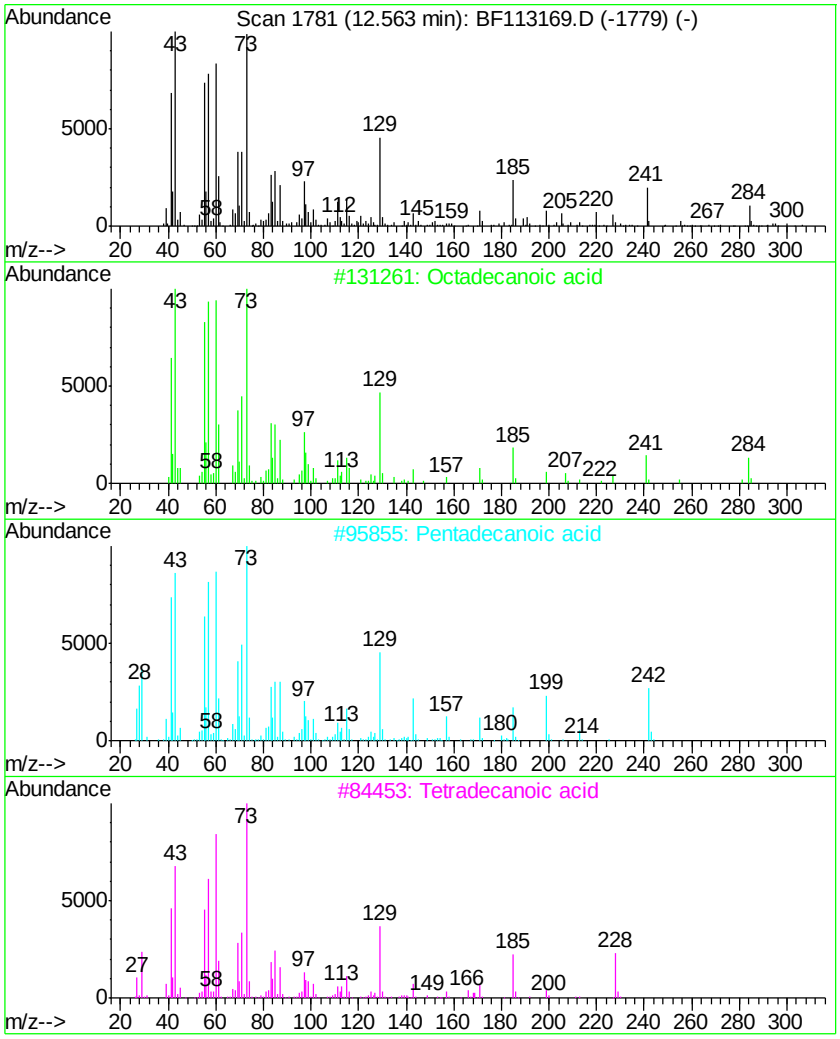
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

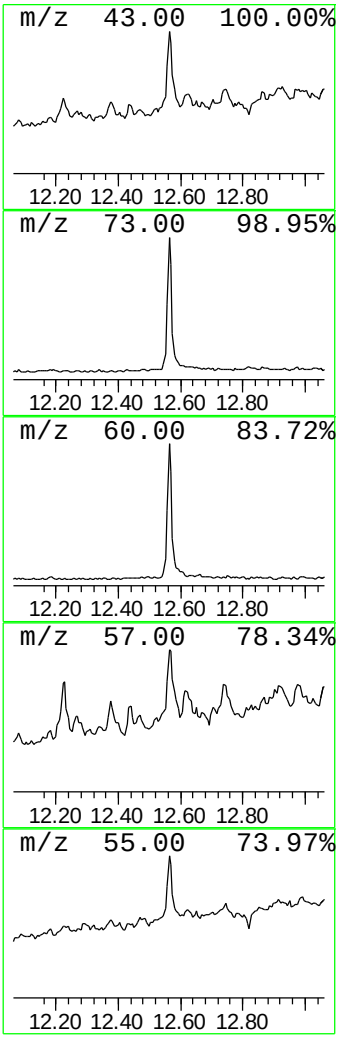
****

Peak Number 20 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	13.53 ng	492392	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113169.D
Acq On : 20 Mar 2019 14:16
Operator : JU/SJ
Sample : K1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-9-031519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
Cyclohexane, 1-et...	5.74	3.0	ng	112057	1	6.72	760712	20.0
Cyclohexane, propyl-	5.97	3.4	ng	127607	1	6.72	760712	20.0
Decane, 2,5,6-tri...	6.16	4.0	ng	154010	1	6.72	760712	20.0
unknown6.49	6.49	86.5	ng	3288290	1	6.72	760712	20.0
Undecane, 2,6-dim...	8.07	2.9	ng	176534	2	8.00	1220100	20.0
unknown8.20	8.20	3.0	ng	184426	2	8.00	1220100	20.0
Octane, 2,6-dimet...	8.44	5.4	ng	328363	2	8.00	1220100	20.0
1-Decanol, 2-hexyl-	8.70	3.7	ng	225833	2	8.00	1220100	20.0
4,5-Heptadien-2-o...	8.76	4.8	ng	289580	2	8.00	1220100	20.0
unknown9.40	9.40	4.8	ng	277923	3	9.75	1150320	20.0
1-Octadecanesulph...	9.49	8.8	ng	503686	3	9.75	1150320	20.0
unknown10.02	10.02	4.6	ng	264436	3	9.75	1150320	20.0
Butanoic acid, 4-...	10.19	3.4	ng	196546	3	9.75	1150320	20.0
unknown10.32	10.32	5.6	ng	323897	3	9.75	1150320	20.0
Tridecane	10.42	5.0	ng	290362	3	9.75	1150320	20.0
Tridecane, 5-propyl-	10.68	8.0	ng	429553	4	11.23	1068100	20.0
Hexacosane	11.15	4.7	ng	252694	4	11.23	1068100	20.0
n-Hexadecanoic acid	11.79	8.7	ng	466692	4	11.23	1068100	20.0
Octadecanoic acid	12.56	13.5	ng	492392	5	13.87	727912	20.0