LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

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-BF061020.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	3.722	267	278	283	rBV	284626	854479	15.50%	1.134%
2	3.775	284	287	292	rVB	219979	374805	6.80%	0.497%
3	5.369	554	558	567	rBV	202775	278589	5.05%	0.370%
4	5.498	576	580	592	rBV	1473412	1700685	30.85%	2.256%
5	5.634	599	603	607	rBV	107801	108056	1.96%	0.143%
6	6.316	716	719	722	rBV	290409	261830	4.75%	0.347%
7	6.351	722	725	727	rVV	192406	153008	2.78%	0.203%
8	6.398	727	733	742	rVV3	164699	223212	4.05%	0.296%
9	6.481	742	747	750	rVB	113574	101505	1.84%	0.135%
10	6.522	750	754	761	rBV	1419607	1658349	30.08%	2.200%
11	6.622	766	771	776	rBV	978299	930807	16.88%	1.235%
12	6.798	797	801	805	rBV	860934	736654	13.36%	0.977%
13	6.851	807	810	812	rBV	294566	219769	3.99%	0.292%
14	6.951	823	827	830	rBV	1719503	1511499	27.41%	2.005%
15	6.975	830	831	834	rVB	345129	187512	3.40%	0.249%
16	7.045	840	843	844	rBV	115658	101179	1.84%	0.134%
17	7.069	844	847	850	rVV2	358226	304055	5.51%	0.403%
18	7.116	850	855	857	rVV	489589	503702	9.14%	0.668%
19	7.134	857	858	861	rVB	231509	134948	2.45%	0.179%
20	7.187	861	867	872	rBV3	161613	248944	4.52%	0.330%
21	7.228	872	874	877	rBV2	84992	107260	1.95%	0.142%
22	7.263	877	880	882	rVV2	257982	228221	4.14%	0.303%
23	7.281	882	883	888	rVB	249743	195862	3.55%	0.260%
24	7.334	888	892	894	rBV	611519	591650	10.73%	0.785%
25	7.363	894	897	900	rVV	1372801	1118761	20.29%	1.484%
26	7.392	900	902	906	rVB	474084	357466	6.48%	0.474%
27	7.445	906	911	913	rBV4	197234	246984	4.48%	0.328%
28	7.481	913	917	919	rBV	253372	264410	4.80%	0.351%
29	7.540	924	927	929	rVV2	334391	414818	7.52%	0.550%
30	7.563	929	931	934	rVV	603140	621243	11.27%	0.824%
31	7.592	934	936	939	rVV	1117866	866880	15.72%	1.150%
32	7.628	939	942	947	rVB2	174794	178886	3.24%	0.237%
33	7.681	947	951	953	rBV3	311699	337839	6.13%	0.448%
34	7.704	953	955	957	rVV	295581	272326	4.94%	0.361%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.734	957	960	961	rVV2	425929	413182	7.49%	0.548%
36	7.751	961	963	968	rVV3	1019167	1110035	20.13%	1.473%
37	7.798	968	971	972	rVV2	699034	680761	12.35%	0.903%
38	7.816	972	974	978	rVV3	1729755	1998094	36.24%	2.651%
39	7.845	978	979	981	rVV2	701713	501754	9.10%	0.666%
40	7.869	981	983	985	rVV	451494	466222	8.46%	0.619%
41	7.898	985	988	990	rVV3	457493	564076	10.23%	0.748%
42	7.916	990	991	994	rVB	297648	181717	3.30%	0.241%
43	7.951	994	997	999	rBV	424132	371310	6.73%	0.493%
44	8.063	1006	1016	1020	rBV3	1761016	3712990	67.34%	4.926%
45	8.104	1020	1023	1025	rVV2	3589319	3495477	63.40%	4.637%
46	8.128	1025	1027	1031	rVB2	728256	928951	16.85%	1.232%
47	8.169	1031	1034	1036	rBV	712009	608385	11.03%	0.807%
48	8.192	1036	1038	1041	rVB3	250226	201210	3.65%	0.267%
49	8.251	1041	1048	1050	rBV4	567563	887400	16.09%	1.177%
50	8.275	1050	1052	1055	rVB3	389924	342583	6.21%	0.454%
51	8.316	1055	1059	1060	rBV4	182313	262791	4.77%	0.349%
52	8.334	1060	1062	1063	rVV	228650	177567	3.22%	0.236%
53	8.357	1063	1066	1067	rVV	747913	694777	12.60%	0.922%
54	8.375	1067	1069	1075	rVV4	779581	991294	17.98%	1.315%
55	8.428	1075	1078	1081	rVB3	571915	623630	11.31%	0.827%
56	8.463	1081	1084	1086	rBV2	1276499	1323644	24.01%	1.756%
57	8.498	1086	1090	1092	rVV3	599615	618904	11.22%	0.821%
58	8.522	1092	1094	1095	rVV	246140	176425	3.20%	0.234%
59	8.545	1095	1098	1100	rVB2	757802	651564	11.82%	0.864%
60	8.587	1100	1105	1107	rBV3	731348	812776	14.74%	1.078%
61	8.628	1110	1112	1113	rBV	110078	97943	1.78%	0.130%
62	8.639	1113	1114	1116	rVB	344799	196183	3.56%	0.260%
63	8.669	1116	1119	1123	rBV2	1867843	1760702	31.93%	2.336%
64	8.716	1123	1127	1128	rVV3	363877	430394	7.81%	0.571%
65	8.757	1132	1134	1135	rVV2	272893	195743	3.55%	0.260%
66	8.798	1137	1141	1143	rVB	3643507	3286113	59.60%	4.360%
67	8.828	1143	1146	1148	rVB3	330231	344760	6.25%	0.457%
68	8.857	1148	1151	1153	rBV3	231531	263168	4.77%	0.349%
69	8.892	1153	1157	1160	rBV2	1930645	2074795	37.63%	2.753%
70	8.922	1160	1162	1165	rVB3	295251	206740	3.75%	0.274%
71	8.951	1165	1167	1169	rBV3	452552	408744	7.41%	0.542%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.986	1171	1173	1174	rVV	272830	232030	4.21%	0.308%
73	9.028	1177	1180	1185	rVV4	464230	644373	11.69%	0.855%
74	9.075	1185	1188	1190	rBV3	574172	501111	9.09%	0.665%
75	9.098	1190	1192	1195	rVV4	493537	458965	8.32%	0.609%
76	9.157	1198	1202	1206	rVB	2061595	1864051	33.81%	2.473%
77	9.234	1211	1215	1220	rBV3	1510710	2000883	36.29%	2.655%
78	9.281	1220	1223	1224	rBV2	240104	218931	3.97%	0.290%
79	9.351	1232	1235	1239	rBV	613665	576917	10.46%	0.765%
80	9.428	1243	1248	1251	rVB	829798	1132580	20.54%	1.503%
81	9.469	1253	1255	1257	rBV2	280636	321404	5.83%	0.426%
82	9.498	1257	1260	1262	rBV	1117726	1232426	22.35%	1.635%
83	9.522	1262	1264	1266	rBV	488604	337741	6.13%	0.448%
84	9.545	1266	1268	1269	rBV	1439309	1084556	19.67%	1.439%
85	9.616	1278	1280	1283	rVB2	439564	298449	5.41%	0.396%
86	9.651	1283	1286	1289	rVB5	912050	886553	16.08%	1.176%
87	9.698	1291	1294	1297	rBV2	1117996	1190592	21.59%	1.580%
88	9.745	1299	1302	1304	rBV	1534658	1260561	22.86%	1.672%
89	9.769	1304	1306	1311	rVB2	857607	792010	14.36%	1.051%
90	9.816	1311	1314	1316	rBV4	1061787	1324661	24.03%	1.757%
91	9.875	1322	1324	1327	rBV2	617622	569886	10.34%	0.756%
92	9.945	1333	1336	1340	rVB3	635613	764865	13.87%	1.015%
93	10.163	1370	1373	1379	rBV4	731082	1773526	32.17%	2.353%
94	10.251	1384	1388	1390	rBV3	1600026	1936665	35.12%	2.569%
95	16.604	2461	2468	2473	rBV5	1643952	5513647	100.00%	7.315%

Sum of corrected areas: 75376380

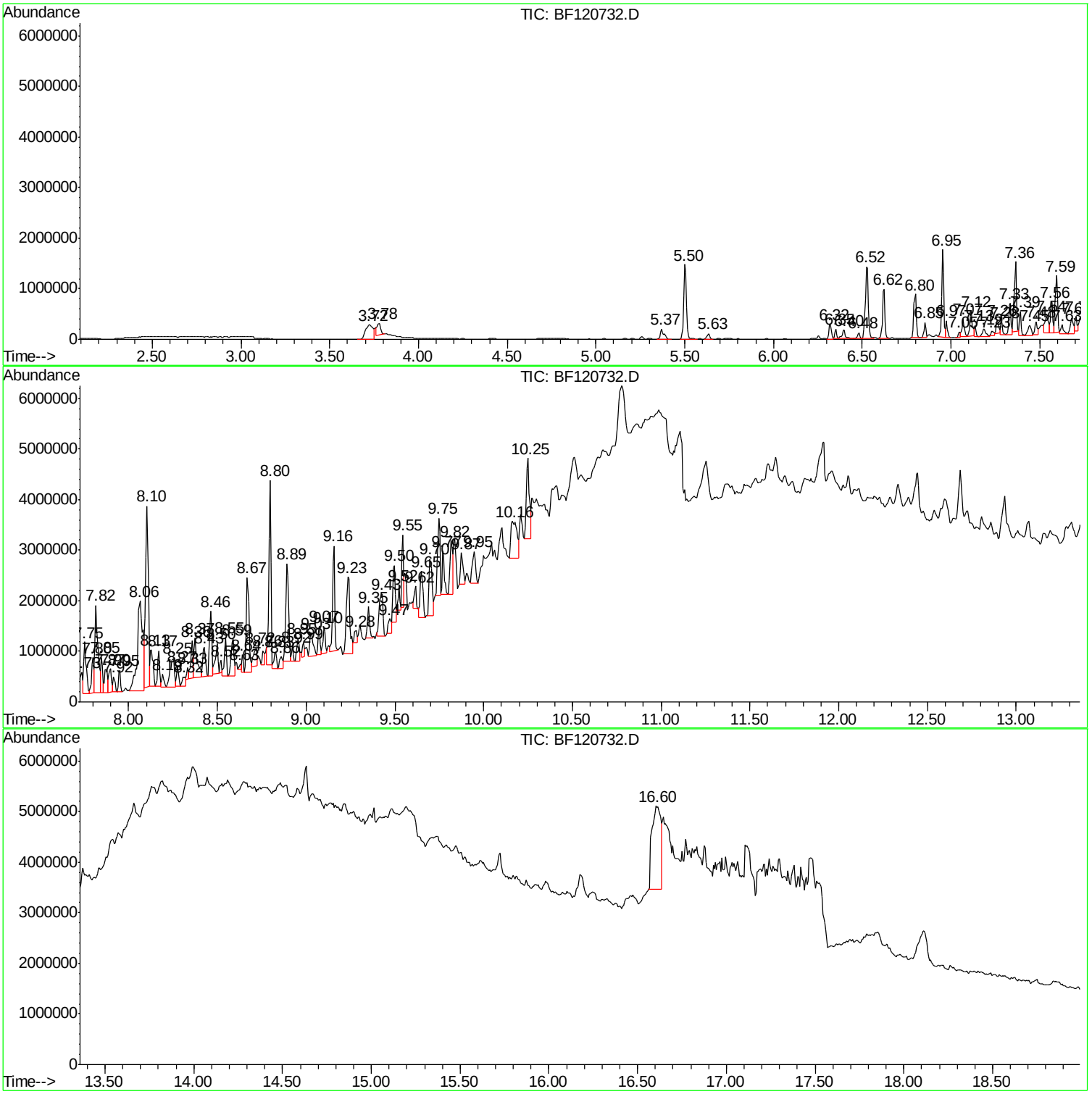
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

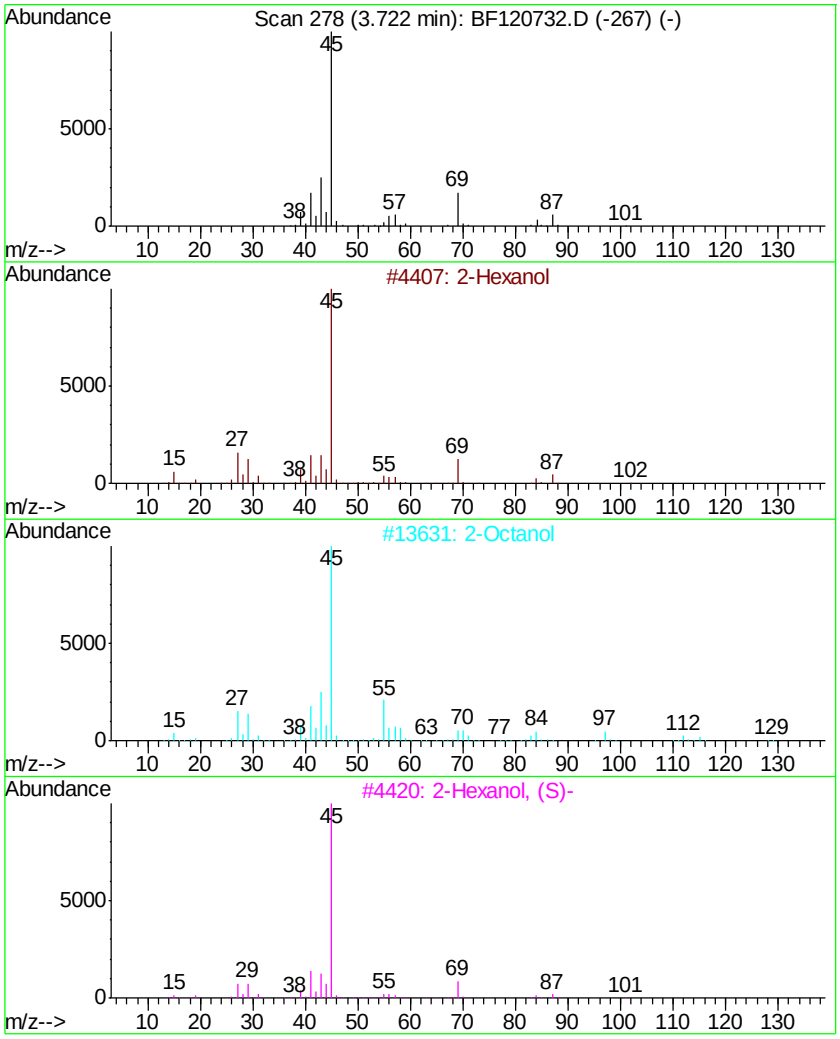
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

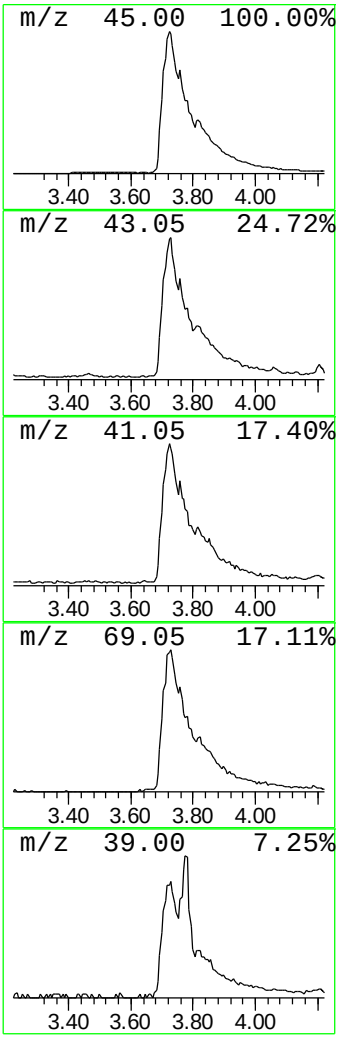
****

Peak Number 1 2-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	23.20 ng	854479	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Octanol	130	C8H18O	000123-96-6	78
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	56
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

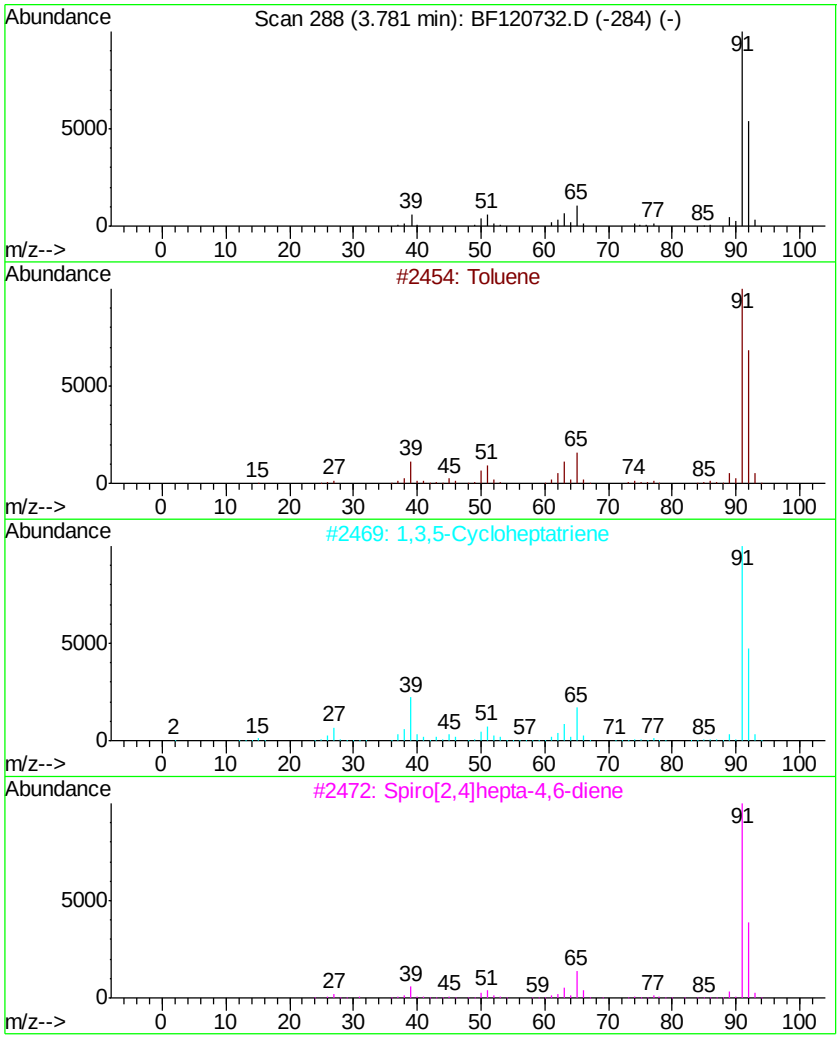
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

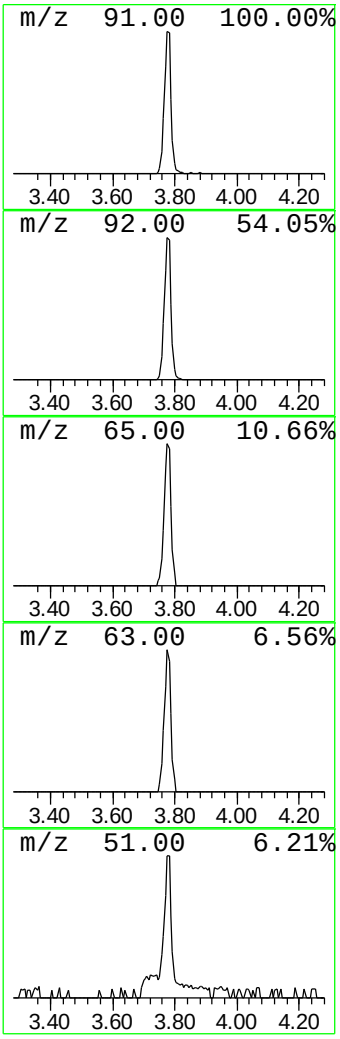
****

Peak Number 2 Toluene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	10.18 ng	374805	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87
4	2,5-Norbornadiene	92	C7H8	000121-46-0	80
5	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

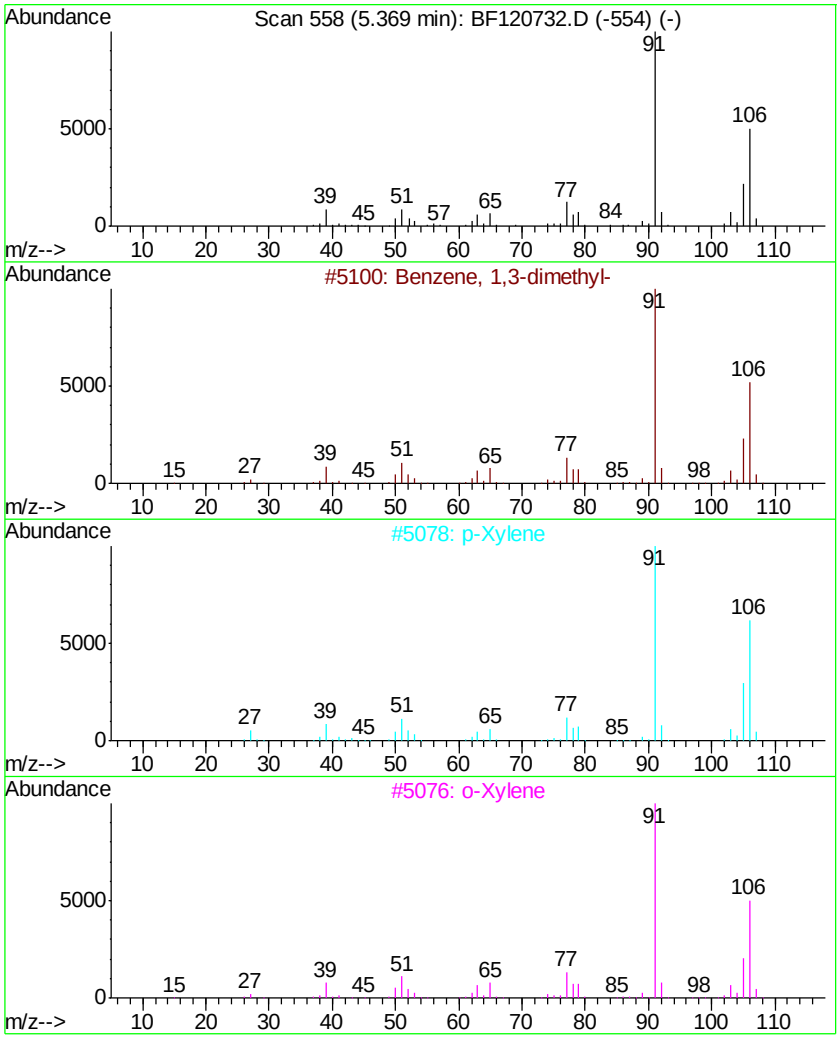
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

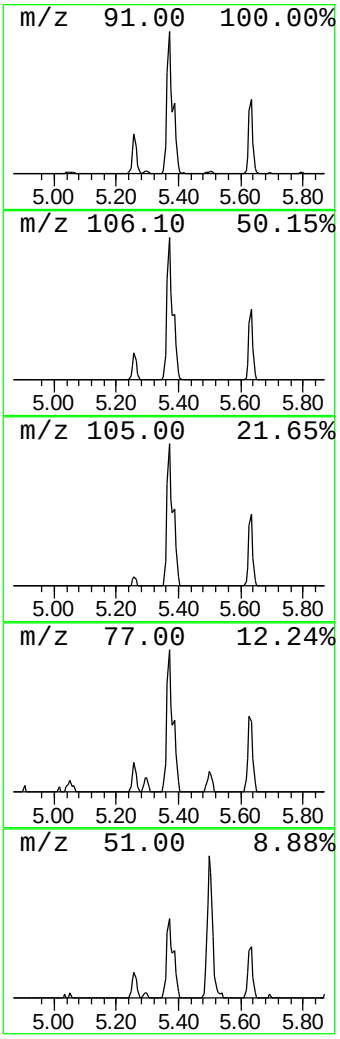
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	7.56 ng	278589	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

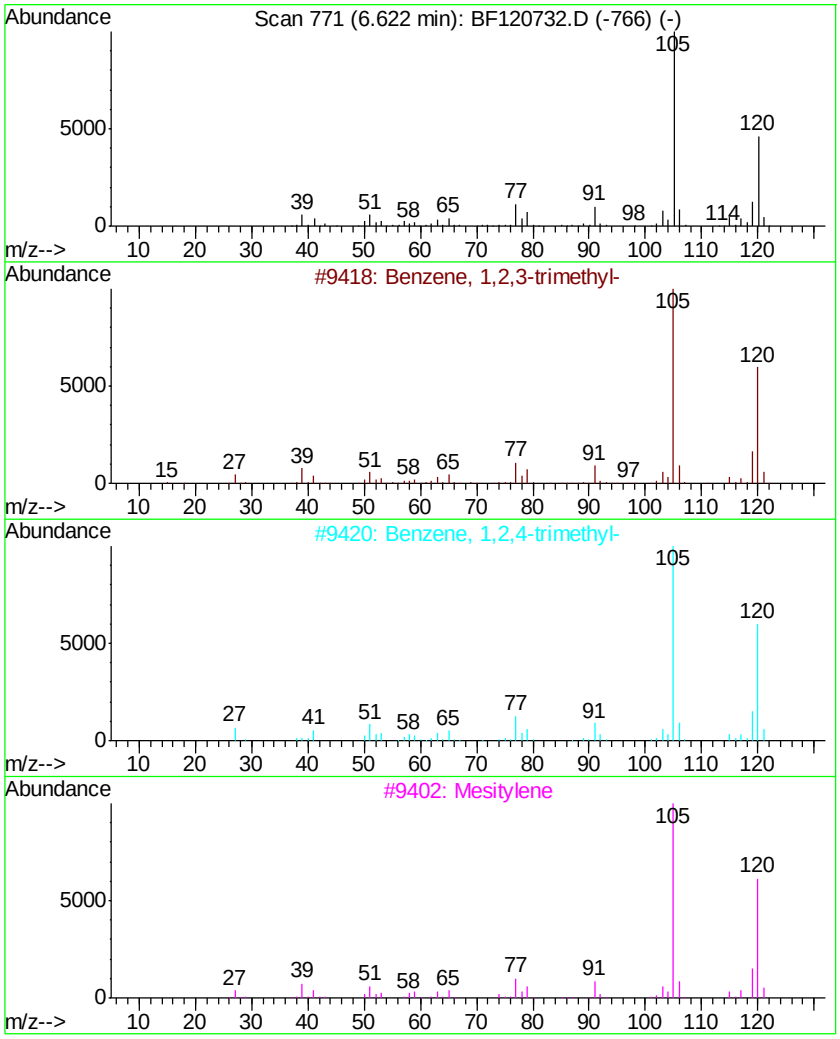
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

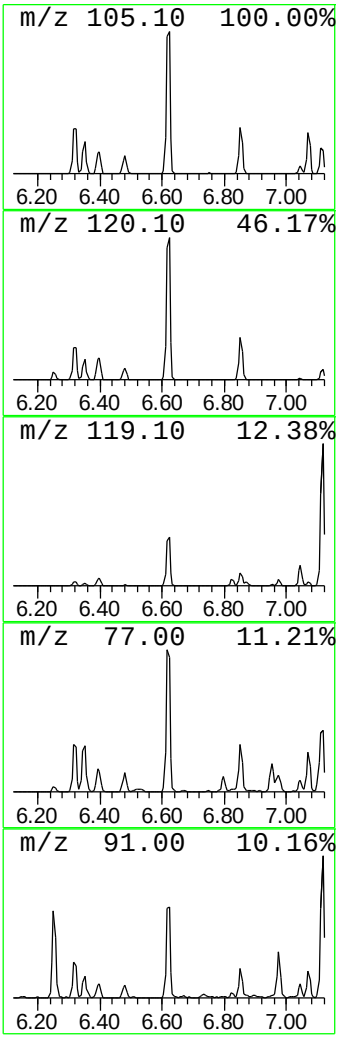
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	25.27 ng	930807	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

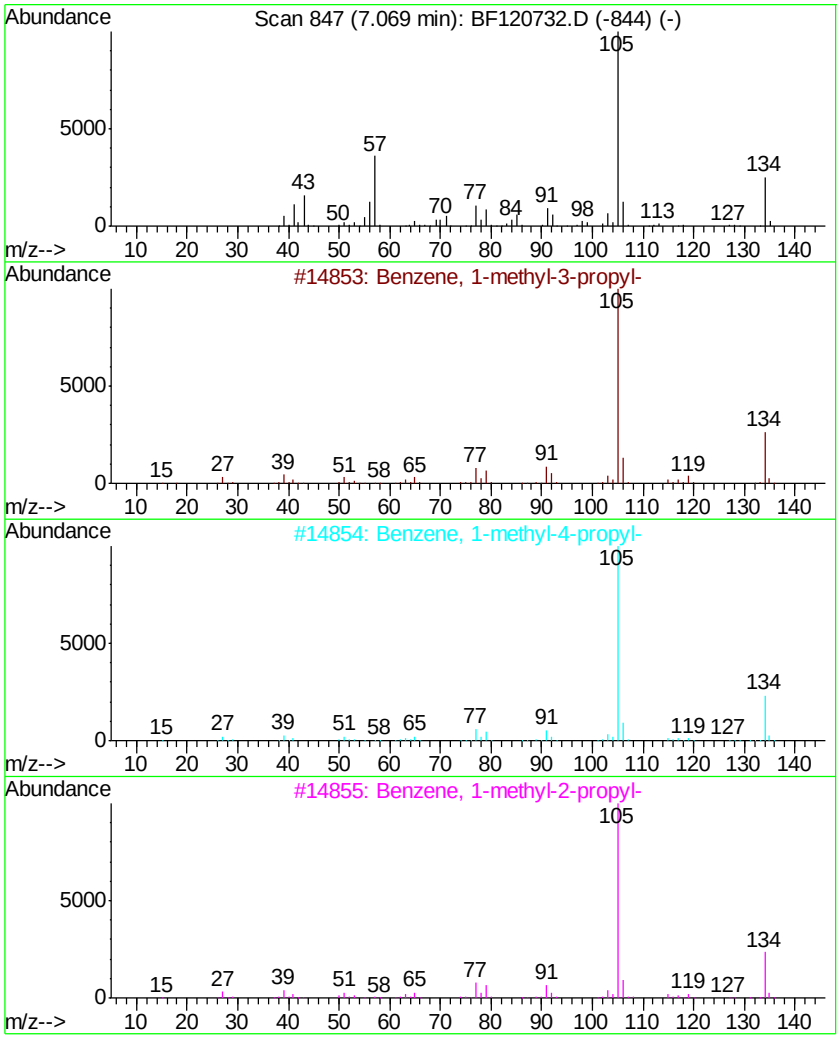
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

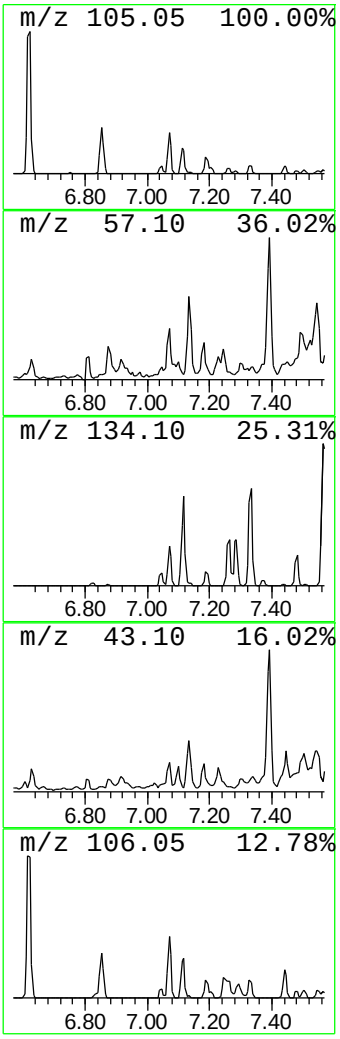
****

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	8.26 ng	304055	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	74
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

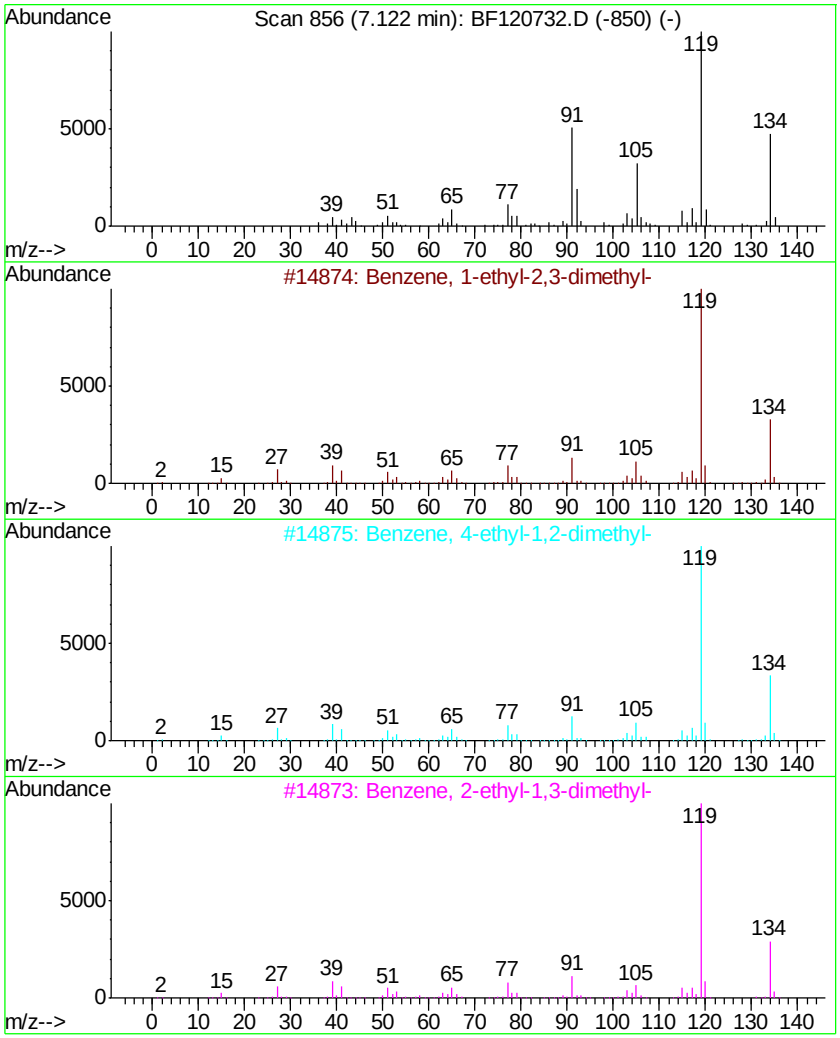
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

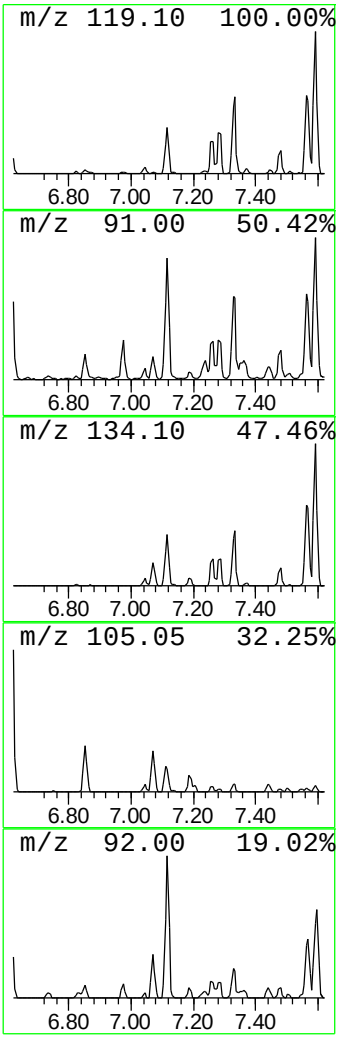
****

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	13.68 ng	503702	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

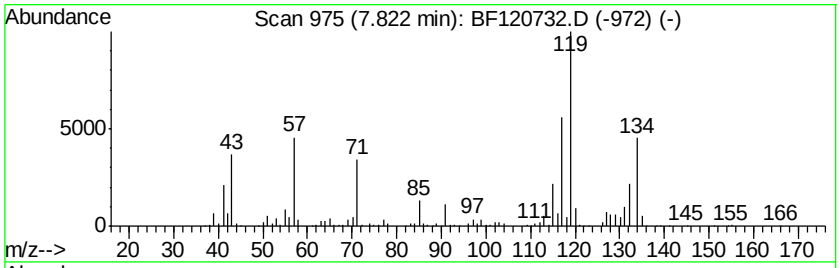
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

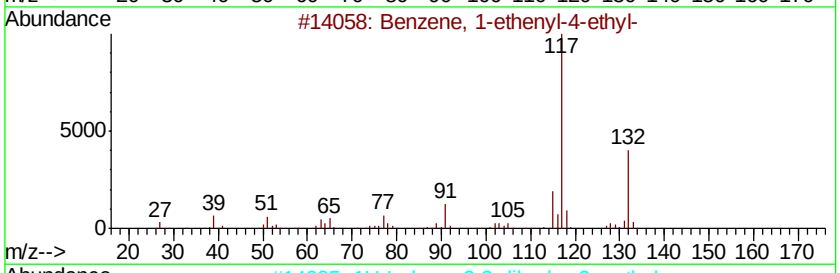
****

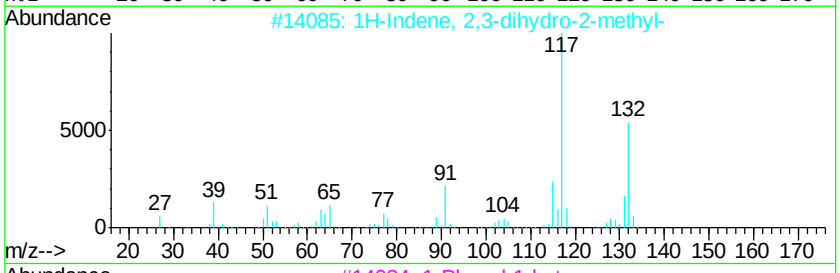
Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 12

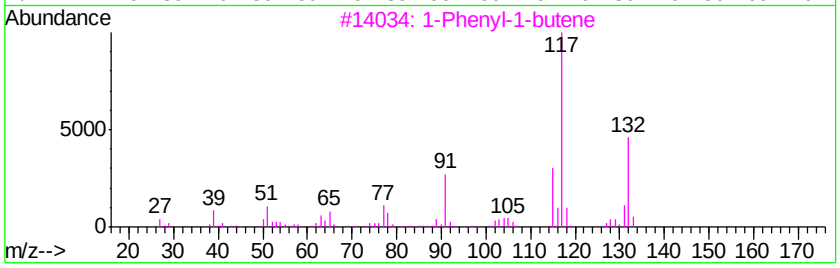
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	10.76 ng	1998090	Naphthalene-d8	8.08

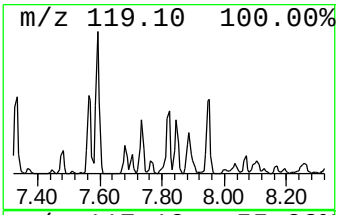
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	59

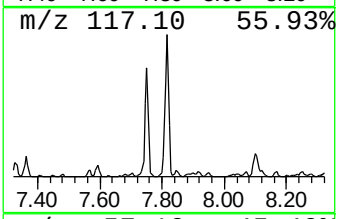


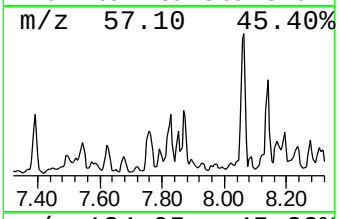


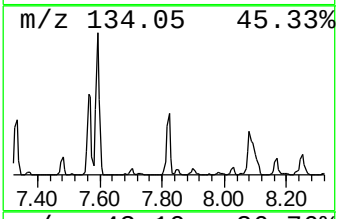


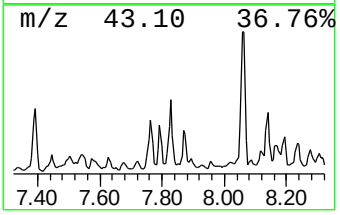












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

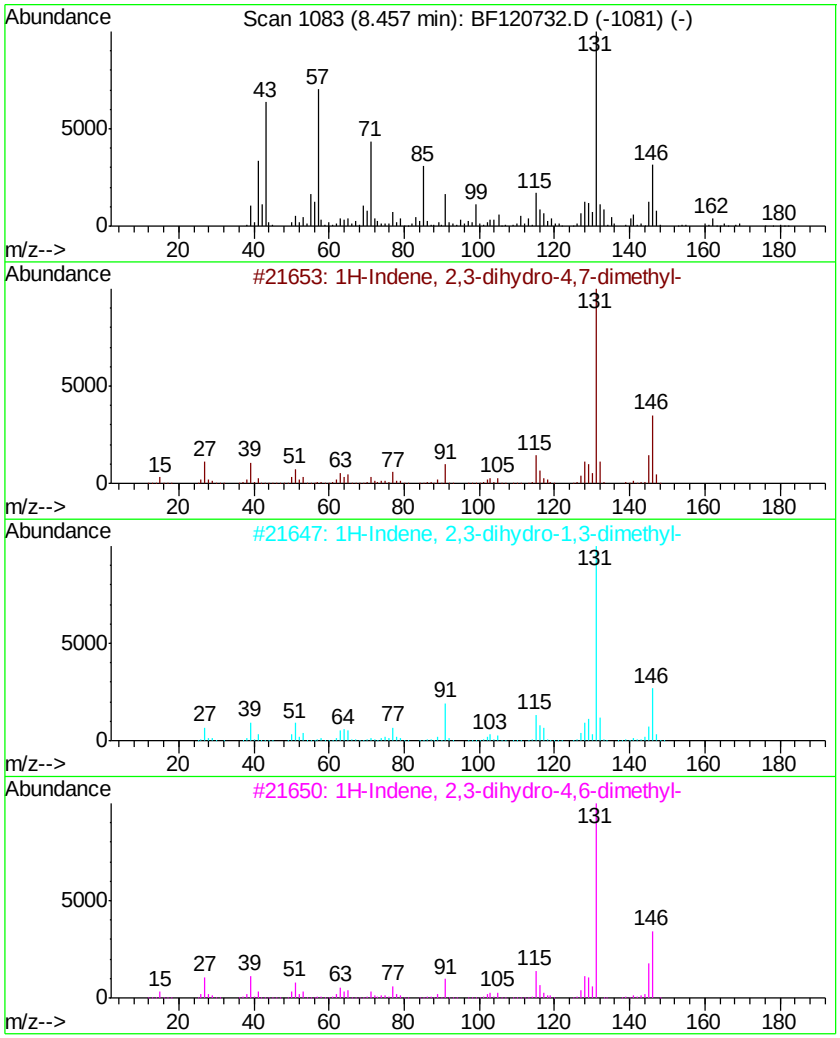
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

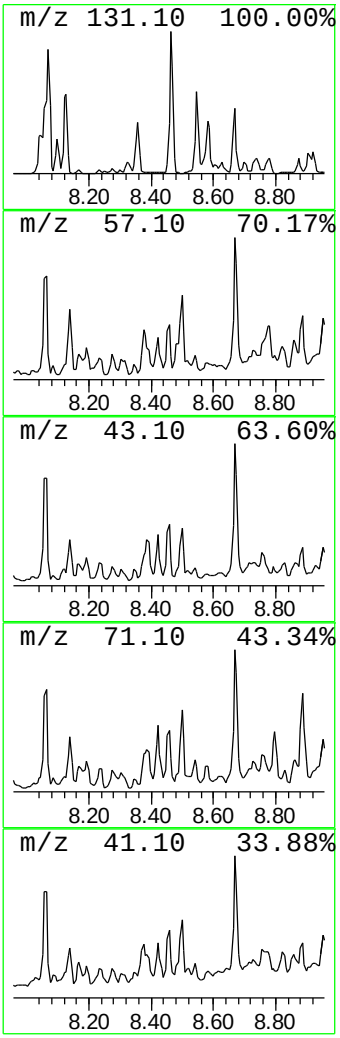
****

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	7.13 ng	1323640	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

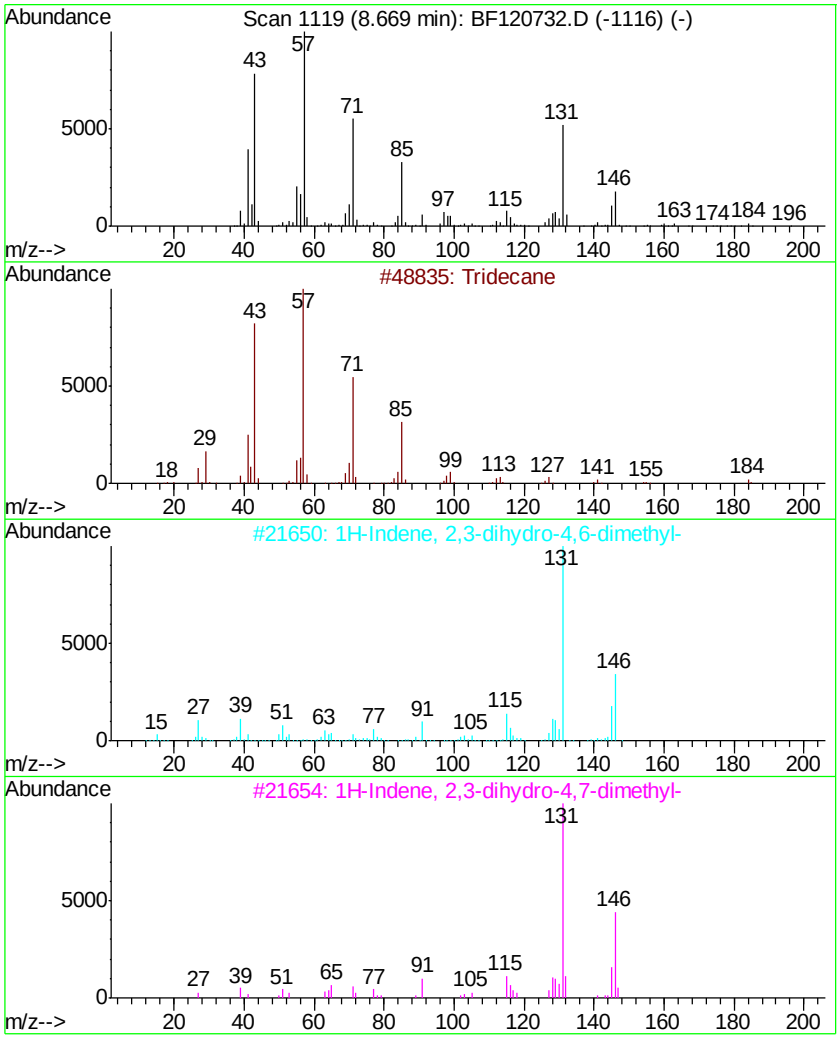
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

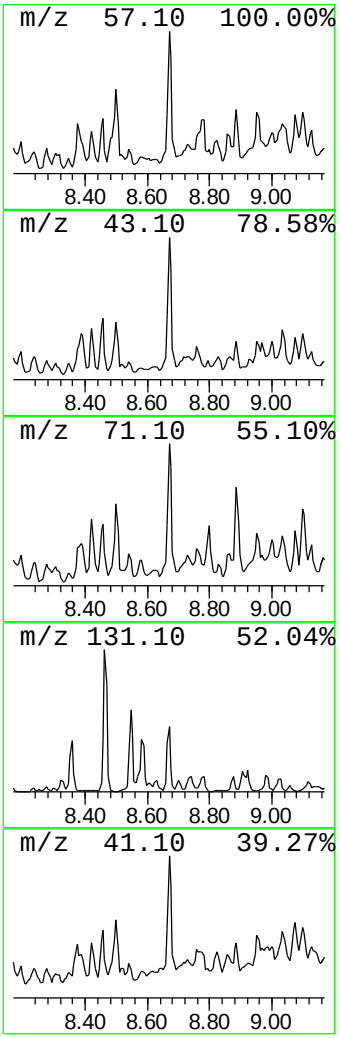
****

Peak Number 10 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	9.48 ng	1760700	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	46
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4	Hexadecane	226	C16H34	000544-76-3	43
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

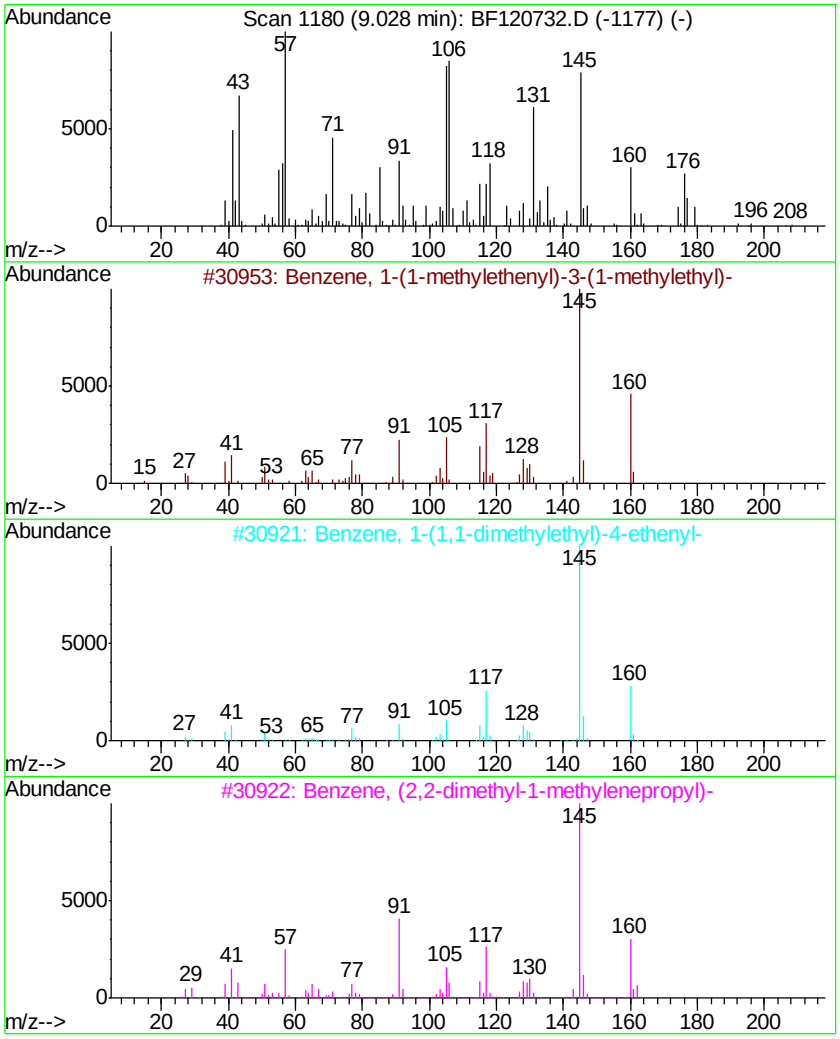
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

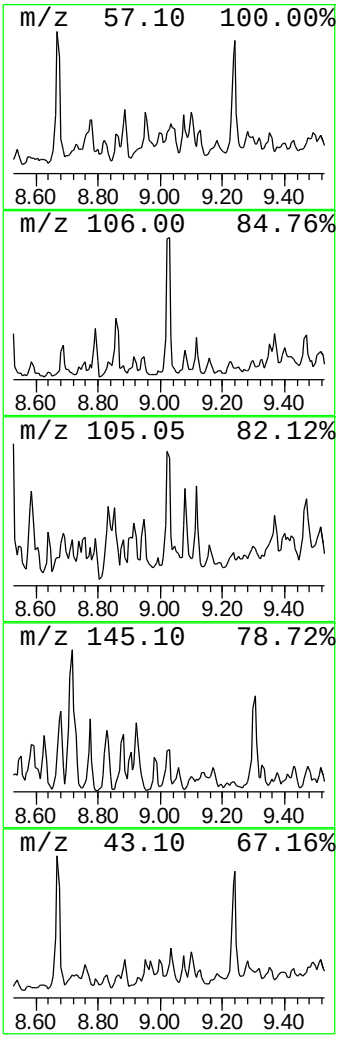
****

Peak Number 11 unknown9.03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	9.73 ng	644373	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	25
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	25
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	25
4	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	20
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

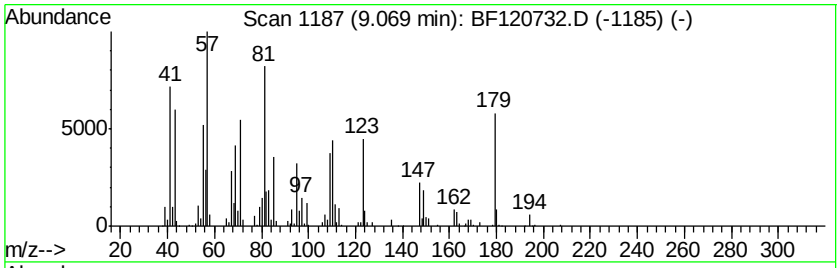
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

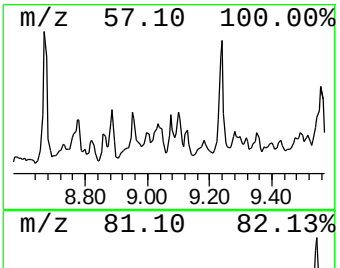
****

Peak Number 12 unknown9.07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	7.57 ng	501111	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	46
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46
4	Heptacosane	380	C27H56	000593-49-7	43
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

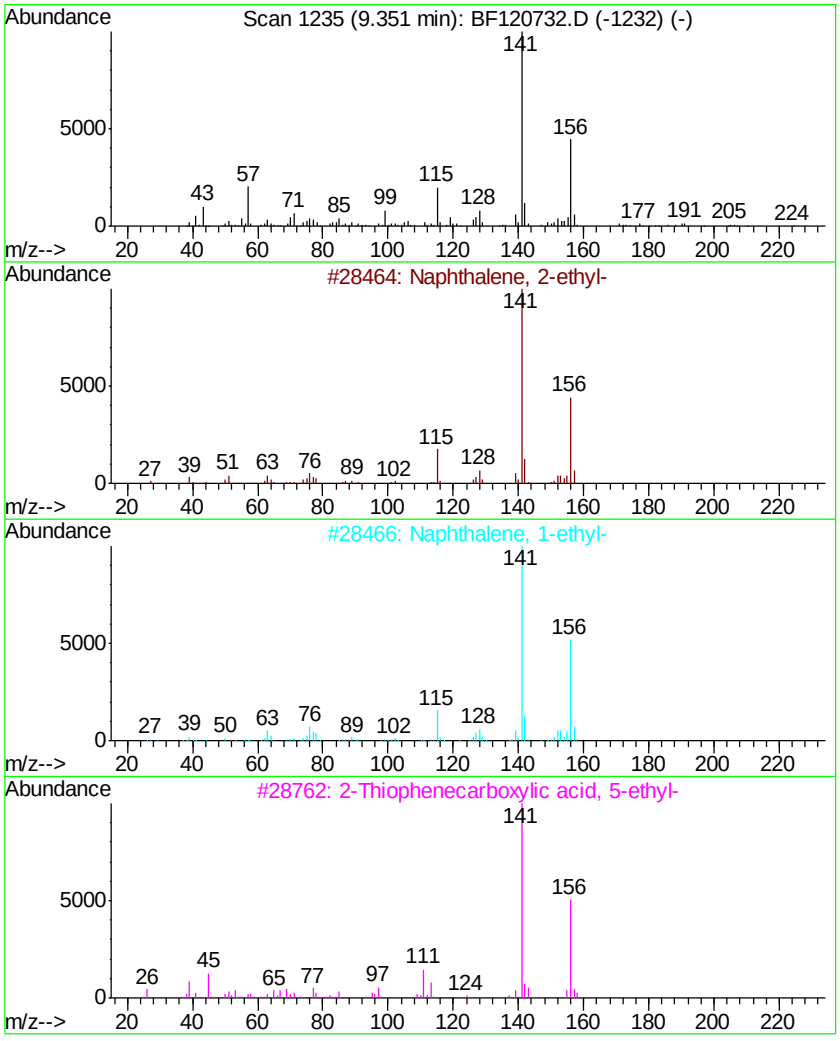
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

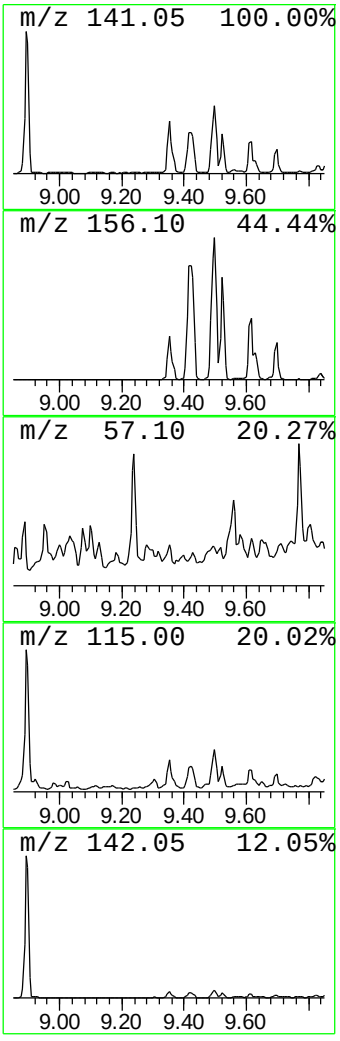
****

Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	8.71 ng	576917	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Butethal	212	C10H16N2O3	000077-28-1	59
5	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

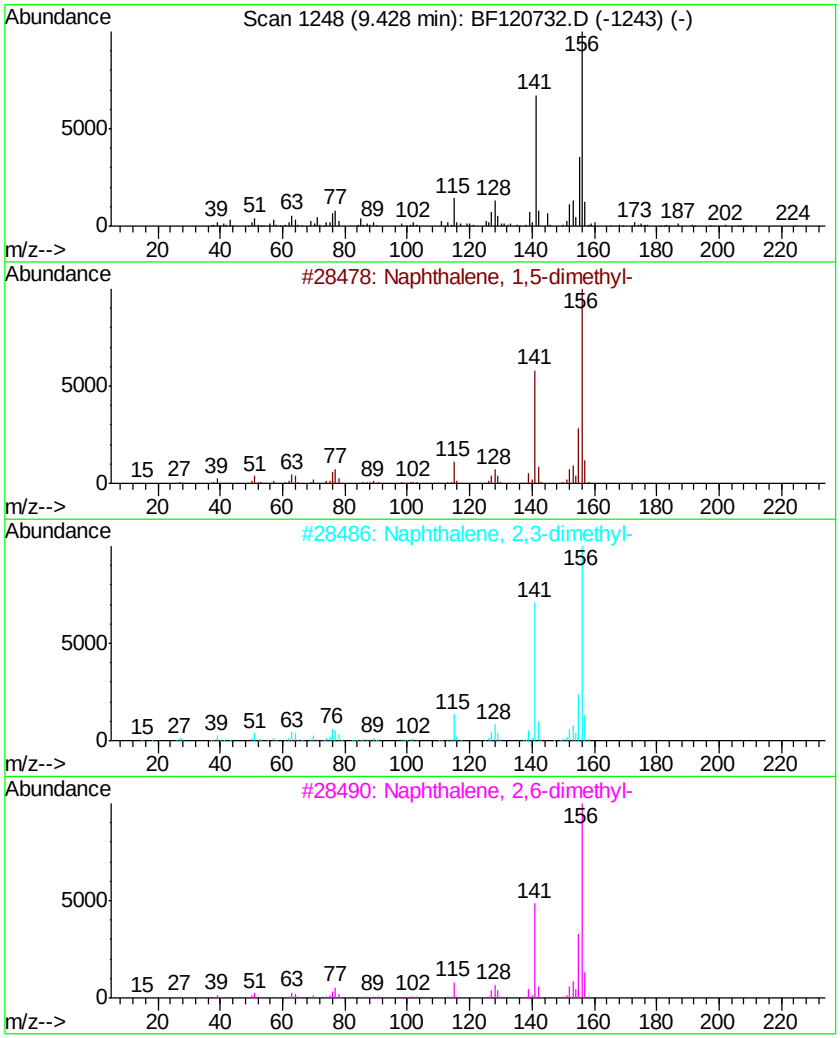
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

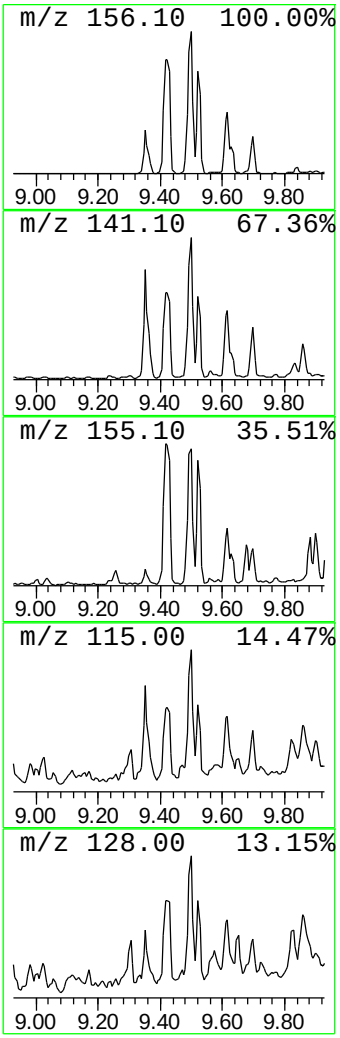
****

Peak Number 14 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	17.10 ng	1132580	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

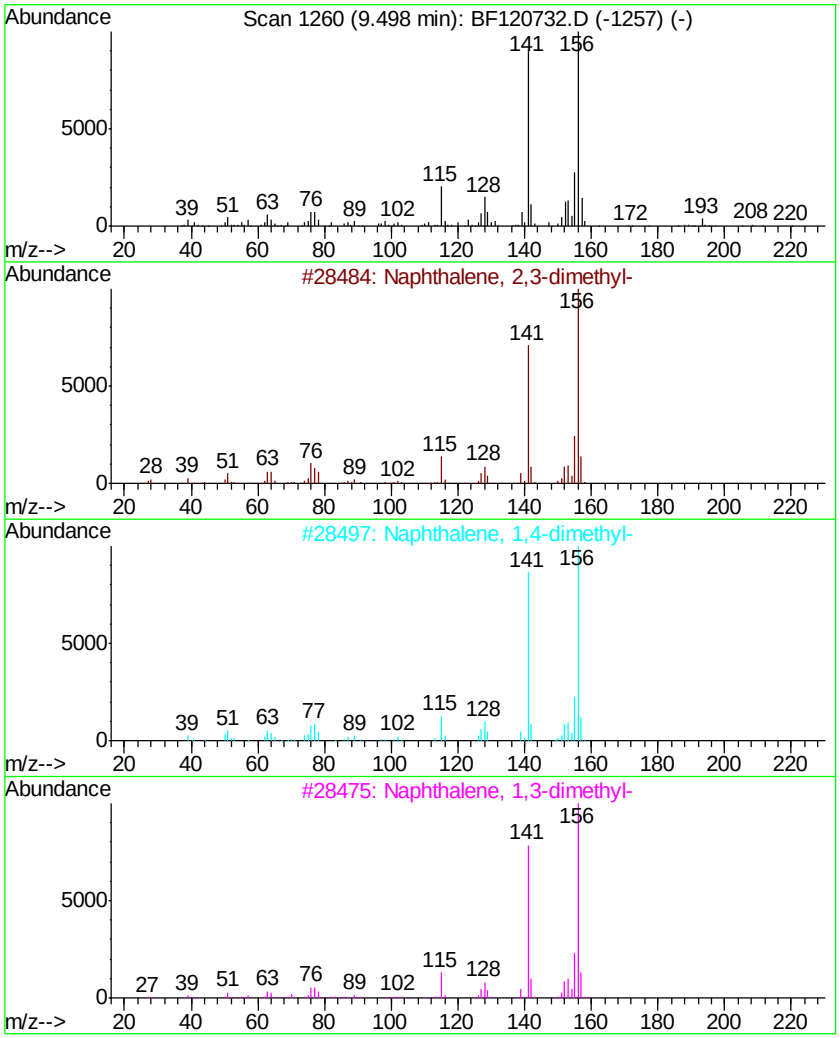
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

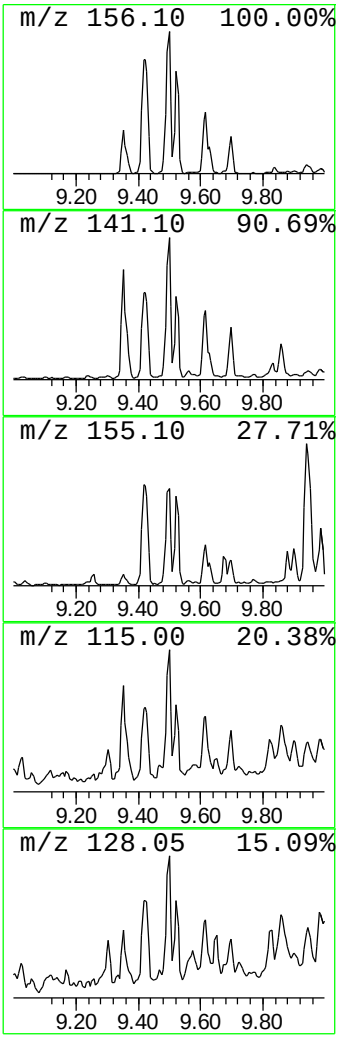
****

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	18.61 ng	1232430	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

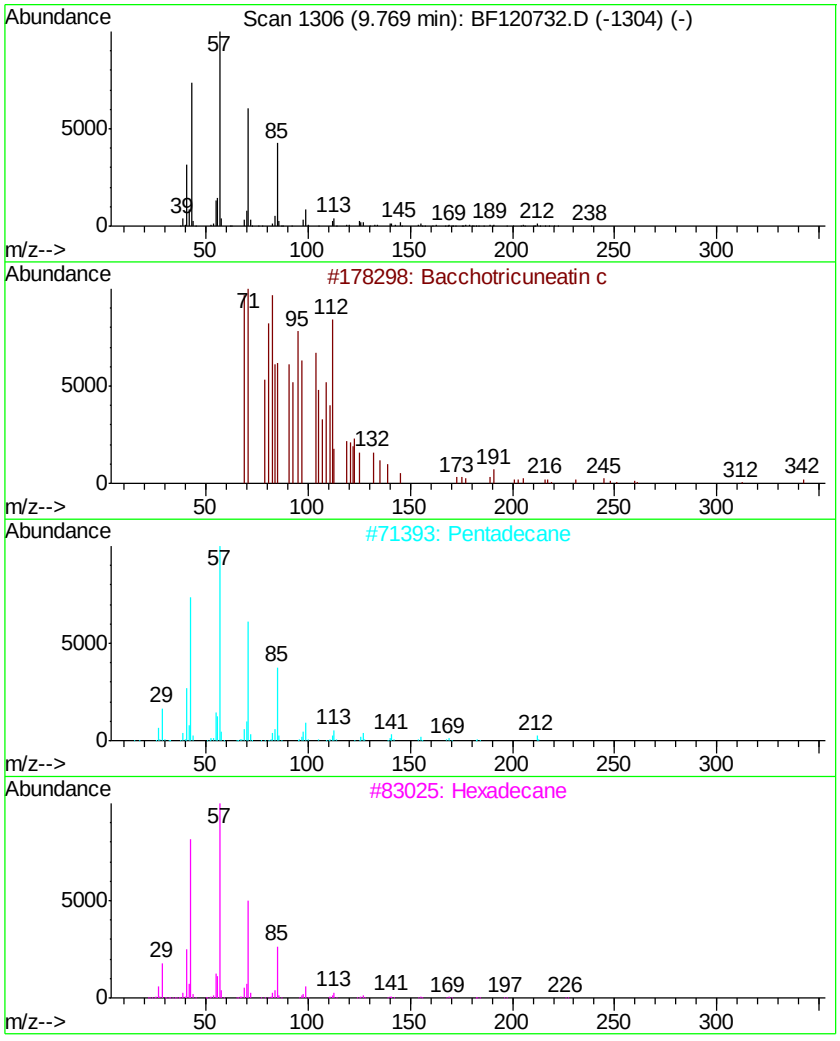
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

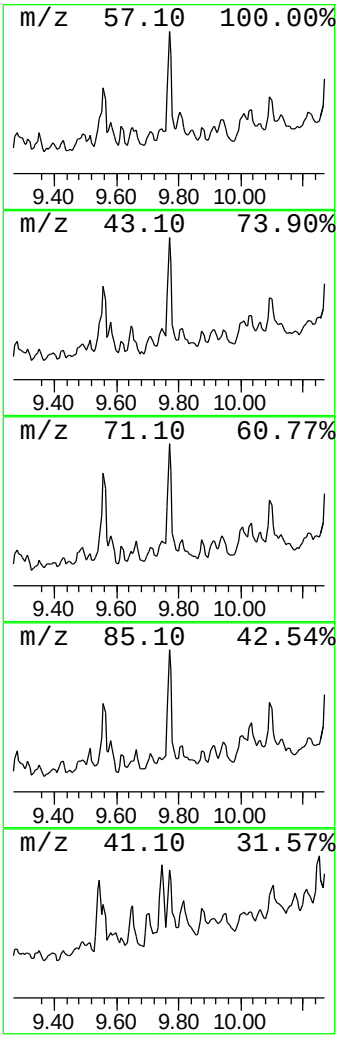
****

Peak Number 16 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	11.96 ng	792010	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Pentadecane	212	C15H32	000629-62-9	93
3	Hexadecane	226	C16H34	000544-76-3	80
4	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

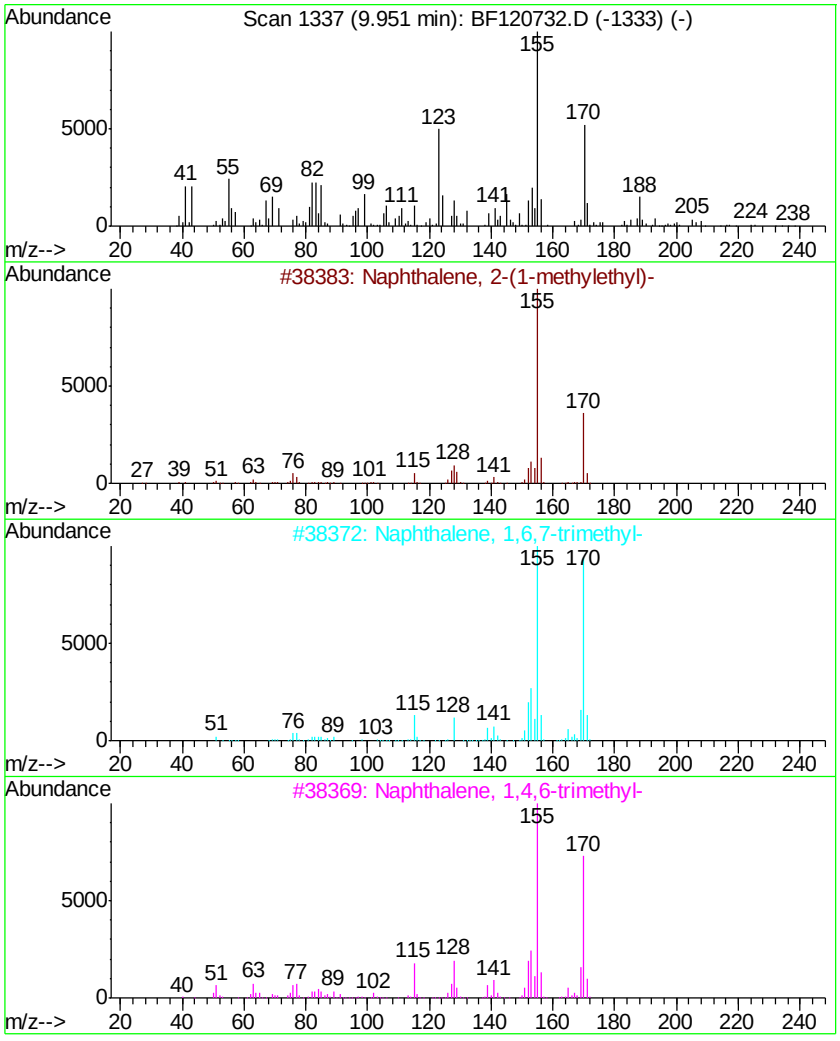
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

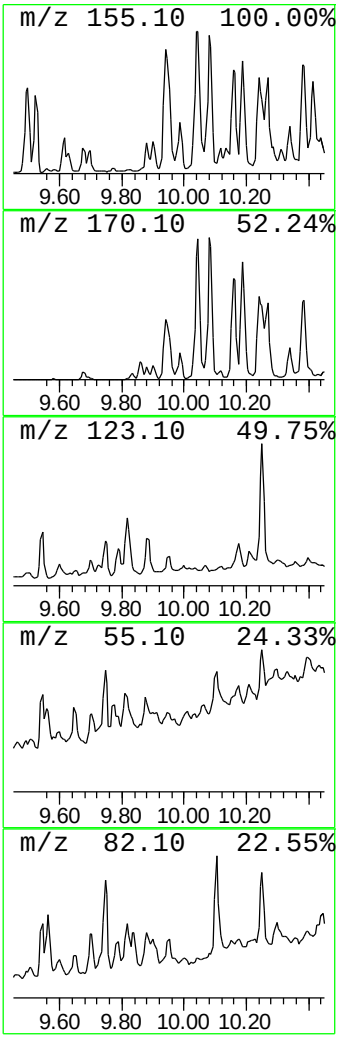
****

Peak Number 17 Naphthalene, 2-(1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	11.55 ng	764865	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	78
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

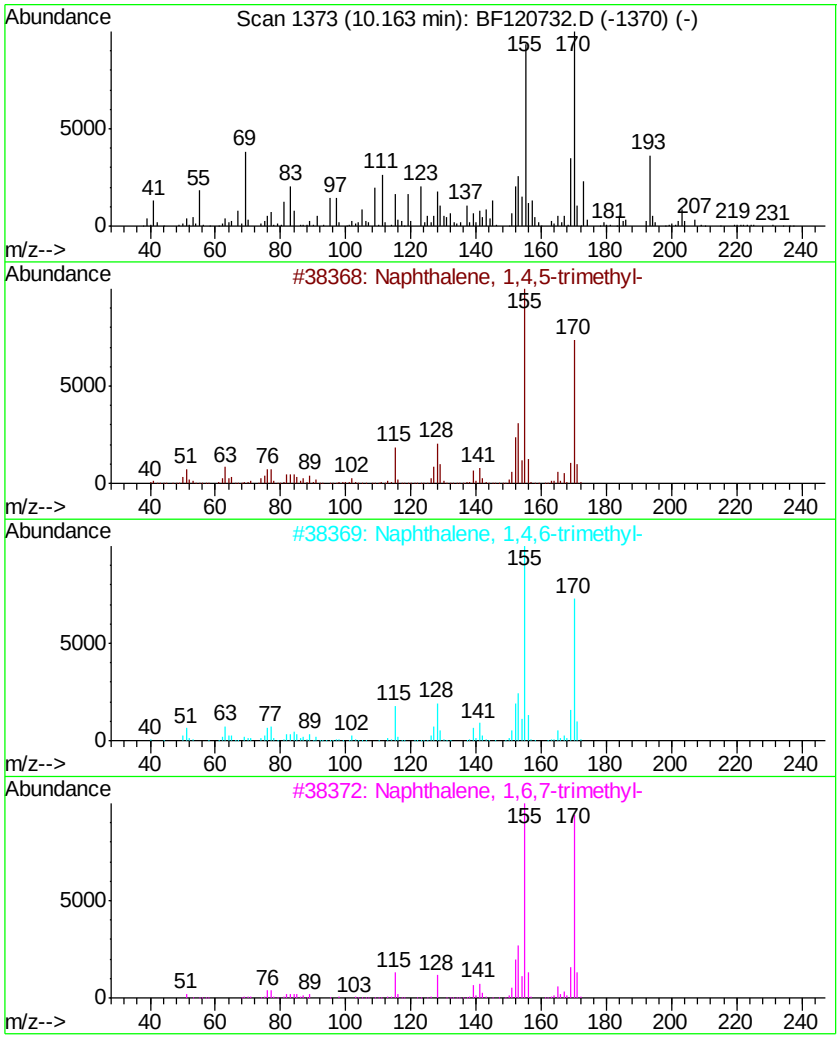
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

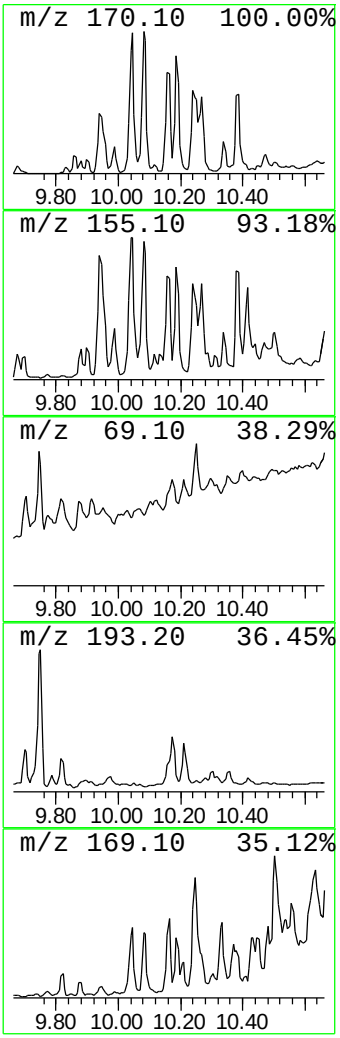
****

Peak Number 18 Naphthalene, 1,4,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	26.78 ng	1773530	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

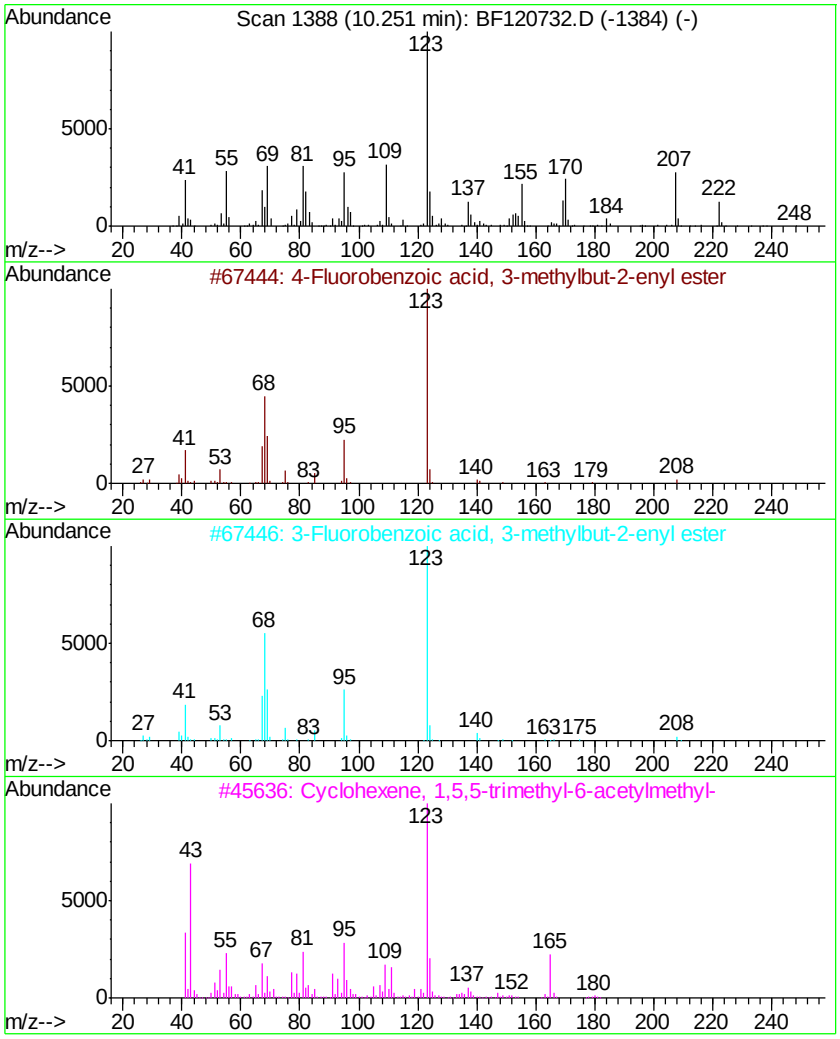
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

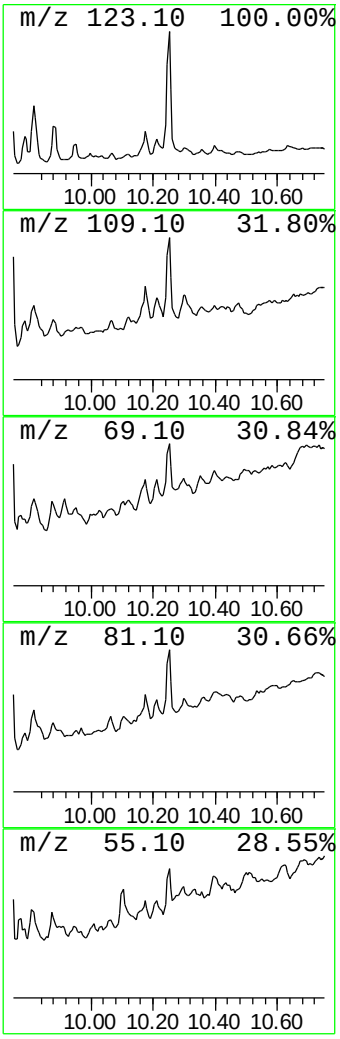
****

Peak Number 19 unknown10.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	29.24 ng	1936670	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	43
2	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	38
3	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	38
4	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	35
5	4-Fluorobenzoic acid, phenyl ester	216	C13H9FO2	1000299-04-9	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

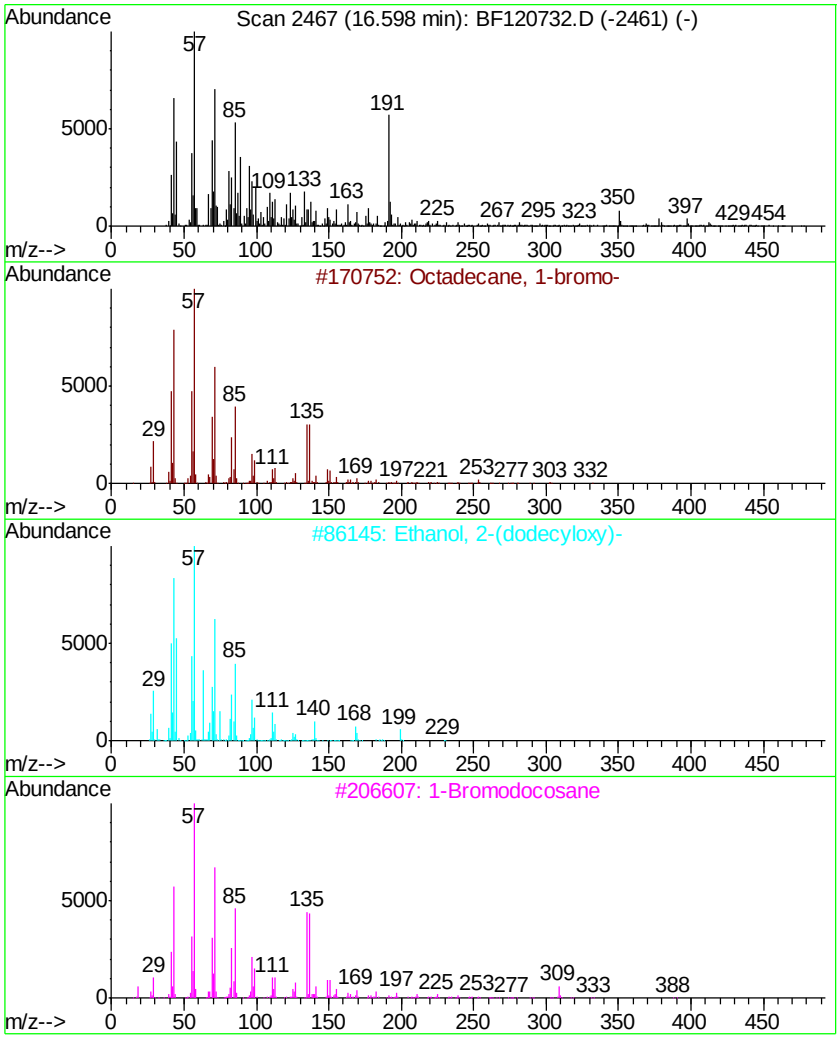
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

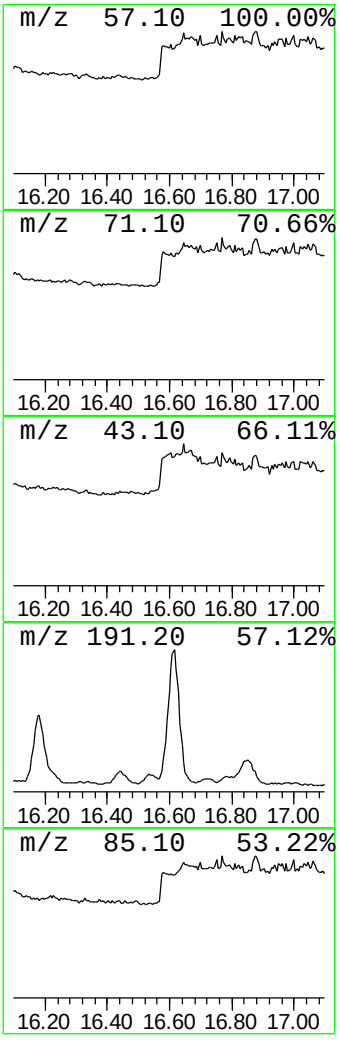
****

Peak Number 20 Octadecane, 1-bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	20.00 ng	5513650	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	81
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64
3	1-Bromodocosane	388	C22H45Br	006938-66-5	58
4	Hexacosane	366	C26H54	000630-01-3	51
5	5-Fluoro-3-trifluoromethylbenzoi...	418	C23H34F4O2	1000338-90-7	44





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062920\
Data File : BF120732.D
Acq On : 29 Jun 2020 17:24
Operator : JU/CG
Sample : L3129-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11982

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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
2-Hexanol	3.72	23.2	ng	854479	1	6.80	736654	20.0
Toluene	3.78	10.2	ng	374805	1	6.80	736654	20.0
Benzene, 1,3-dime...	5.37	7.6	ng	278589	1	6.80	736654	20.0
Benzene, 1,2,3-tr...	6.62	25.3	ng	930807	1	6.80	736654	20.0
Benzene, 1-methyl...	7.07	8.3	ng	304055	1	6.80	736654	20.0
Benzene, 1-ethyl-...	7.12	13.7	ng	503702	1	6.80	736654	20.0
Benzene, 1-etheny...	7.82	10.8	ng	1998090	2	8.08	3712990	20.0
1H-Indene, 2,3-di...	8.46	7.1	ng	1323640	2	8.08	3712990	20.0
Tridecane	8.67	9.5	ng	1760700	2	8.08	3712990	20.0
unknown9.03	9.03	9.7	ng	644373	3	9.84	1324660	20.0
unknown9.07	9.07	7.6	ng	501111	3	9.84	1324660	20.0
Naphthalene, 2-et...	9.35	8.7	ng	576917	3	9.84	1324660	20.0
Naphthalene, 1,5-...	9.43	17.1	ng	1132580	3	9.84	1324660	20.0
Naphthalene, 2,3-...	9.50	18.6	ng	1232430	3	9.84	1324660	20.0
Bacchotricuneatin c	9.77	12.0	ng	792010	3	9.84	1324660	20.0
Naphthalene, 2-(1...	9.95	11.6	ng	764865	3	9.84	1324660	20.0
Naphthalene, 1,4,...	10.16	26.8	ng	1773530	3	9.84	1324660	20.0
unknown10.25	10.25	29.2	ng	1936670	3	9.84	1324660	20.0
Octadecane, 1-bromo-	16.60	20.0	ng	5513650	6	15.47	5513650	20.0