LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005110.D
Acq On : 30 Mar 2021 18:42
Operator : CG/JU
Sample : M1800-04DL2 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP032921MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.934	142	144	151	rVB3	2567	4062	1.09%	0.142%
2	4.087	168	170	173	rVB4	1169	1056	0.28%	0.037%
3	4.516	240	243	247	rBV5	549	870	0.23%	0.030%
4	4.551	247	249	253	rVB4	676	809	0.22%	0.028%
5	4.675	268	270	275	rVB6	749	816	0.22%	0.029%
6	5.134	345	348	351	rBV4	783	980	0.26%	0.034%
7	5.834	462	467	468	rBV4	822	1131	0.30%	0.040%
8	6.251	533	538	540	rBV6	656	796	0.21%	0.028%
9	6.898	644	648	649	rVV4	904	1147	0.31%	0.040%
10	7.057	669	675	681	rBV2	3532	6215	1.66%	0.218%
11	7.251	701	708	714	rBV5	3935	6804	1.82%	0.238%
12	7.357	721	726	729	rBV6	978	2123	0.57%	0.074%
13	7.434	735	739	747	rVB9	2118	4560	1.22%	0.160%
14	7.516	750	753	756	rVV5	753	1024	0.27%	0.036%
15	7.551	756	759	762	rVB4	618	966	0.26%	0.034%
16	7.710	779	786	793	rBV	83230	129221	34.57%	4.522%
17	8.081	844	849	854	rVB3	6259	10737	2.87%	0.376%
18	8.245	871	877	884	rBV2	16643	26748	7.16%	0.936%
19	8.351	893	895	902	rVB7	697	802	0.21%	0.028%
20	8.428	903	908	914	rBV5	2603	4241	1.13%	0.148%
21	8.569	925	932	936	rBV7	1959	3768	1.01%	0.132%
22	8.875	978	984	989	rBV2	4061	6910	1.85%	0.242%
23	9.069	1014	1017	1020	rVB3	855	1171	0.31%	0.041%
24	9.139	1023	1029	1031	rVB7	849	1170	0.31%	0.041%
25	9.187	1033	1037	1038	rBV4	1221	1649	0.44%	0.058%
26	9.592	1101	1106	1110	rBV6	3659	5763	1.54%	0.202%
27	9.698	1118	1124	1125	rBV5	1278	1651	0.44%	0.058%
28	9.763	1131	1135	1137	rVB5	651	870	0.23%	0.030%
29	9.910	1156	1160	1164	rVB6	844	1242	0.33%	0.043%
30	9.998	1169	1175	1178	rBV7	1173	2007	0.54%	0.070%
31	10.134	1193	1198	1209	rBV5	4785	10721	2.87%	0.375%
32	10.357	1233	1236	1238	rBV3	661	792	0.21%	0.028%
33	10.498	1253	1260	1264	rBV	108089	180887	48.39%	6.331%
34	10.551	1264	1269	1278	rVV	226640	373802	100.00%	13.082%

LSC Area Percent Report

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Data File : BP005110.D
Acq On : 30 Mar 2021 18:42
Operator : CG/JU
Sample : M1800-04DL2 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP032921MA.M
Title : SVOA CALIBRATION

35	10.669	1282	1289	1296	rBV2	13243	22162	5.93%	0.776%
36	11.133	1366	1368	1371	rVB4	1040	851	0.23%	0.030%
37	11.228	1380	1384	1386	rBV5	478	810	0.22%	0.028%
38	11.345	1399	1404	1408	rBV8	1117	1649	0.44%	0.058%
39	11.610	1447	1449	1453	rVB5	764	892	0.24%	0.031%
40	11.910	1493	1500	1505	rBV8	3272	7514	2.01%	0.263%
41	12.063	1521	1526	1531	rBV6	1310	2250	0.60%	0.079%
42	12.169	1537	1544	1552	rBV	34674	55537	14.86%	1.944%
43	12.286	1559	1564	1568	rBV4	1935	2803	0.75%	0.098%
44	12.392	1573	1582	1588	rVB	23084	39165	10.48%	1.371%
45	12.951	1672	1677	1683	rVB10	548	1267	0.34%	0.044%
46	13.192	1709	1718	1724	rBV2	7370	12024	3.22%	0.421%
47	13.398	1748	1753	1755	rBV3	1322	2125	0.57%	0.074%
48	13.533	1767	1776	1781	rBV10	1585	4501	1.20%	0.158%
49	13.680	1796	1801	1807	rBV8	3032	5597	1.50%	0.196%
50	13.739	1807	1811	1813	rVV4	1676	2039	0.55%	0.071%
51	13.780	1813	1818	1823	rVV	15570	20882	5.59%	0.731%
52	13.816	1823	1824	1829	rVB5	1209	1551	0.41%	0.054%
53	13.916	1836	1841	1845	rBV7	1200	1813	0.49%	0.063%
54	14.051	1859	1864	1877	rBV	13372	24680	6.60%	0.864%
55	14.363	1909	1917	1923	rBV	177196	254177	68.00%	8.896%
56	14.427	1923	1928	1935	rVV	53246	78437	20.98%	2.745%
57	14.504	1935	1941	1947	rVV	12082	19579	5.24%	0.685%
58	14.563	1947	1951	1956	rVV7	1421	3005	0.80%	0.105%
59	14.663	1960	1968	1976	rVV7	2584	6519	1.74%	0.228%
60	14.769	1980	1986	1998	rVV2	28219	48187	12.89%	1.686%
61	14.869	1998	2003	2010	rVB7	1184	2908	0.78%	0.102%
62	15.092	2036	2041	2044	rVB4	1416	2205	0.59%	0.077%
63	15.233	2061	2065	2071	rVB8	1913	3067	0.82%	0.107%
64	15.316	2077	2079	2082	rBV5	1270	1408	0.38%	0.049%
65	15.363	2082	2087	2092	rVV2	22064	30412	8.14%	1.064%
66	15.416	2092	2096	2104	rVB3	18374	28328	7.58%	0.991%
67	15.486	2104	2108	2115	rBV4	3737	5629	1.51%	0.197%
68	15.586	2121	2125	2128	rVB6	2000	2545	0.68%	0.089%
69	15.727	2142	2149	2158	rVB7	5090	9842	2.63%	0.344%
70	15.827	2161	2166	2167	rBV3	1227	1221	0.33%	0.043%
71	15.863	2169	2172	2173	rBV2	1961	1737	0.46%	0.061%

LSC Area Percent Report

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Sample : M1800-04DL2 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE6DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP032921MA.M
Title : SVOA CALIBRATION

72	16.098	2205	2212	2220	rVV4	20159	38008	10.17%	1.330%
73	16.216	2226	2232	2236	rBV8	1333	2563	0.69%	0.090%
74	16.292	2240	2245	2247	rVV5	2681	4187	1.12%	0.147%
75	16.333	2247	2252	2258	rVV2	18542	31320	8.38%	1.096%
76	16.392	2258	2262	2270	rVB8	4247	8395	2.25%	0.294%
77	16.616	2295	2300	2308	rBV3	5726	9762	2.61%	0.342%
78	16.739	2318	2321	2326	rBV5	3310	5462	1.46%	0.191%
79	16.780	2326	2328	2334	rVB5	3279	3994	1.07%	0.140%
80	16.921	2344	2352	2362	rBV7	6535	15491	4.14%	0.542%
81	17.045	2368	2373	2376	rBV6	718	1385	0.37%	0.048%
82	17.121	2380	2386	2391	rVV	222932	315603	84.43%	11.045%
83	17.163	2391	2393	2398	rVV	20176	28982	7.75%	1.014%
84	17.221	2399	2403	2410	rVB	29786	44316	11.86%	1.551%
85	17.333	2418	2422	2430	rVB9	2334	6166	1.65%	0.216%
86	17.445	2436	2441	2445	rBV3	7867	13458	3.60%	0.471%
87	17.498	2448	2450	2451	rVV2	1684	1583	0.42%	0.055%
88	17.533	2451	2456	2463	rVB	17814	25853	6.92%	0.905%
89	17.633	2468	2473	2479	rVB5	3999	6753	1.81%	0.236%
90	17.692	2479	2483	2488	rBV2	6022	8612	2.30%	0.301%
91	17.792	2498	2500	2503	rVB3	1370	1248	0.33%	0.044%
92	17.886	2513	2516	2519	rVB5	1024	1248	0.33%	0.044%
93	17.963	2526	2529	2535	rBV7	1960	3121	0.83%	0.109%
94	18.039	2537	2542	2546	rBV7	3127	5365	1.44%	0.188%
95	18.121	2551	2556	2561	rBV6	2861	4210	1.13%	0.147%
96	19.021	2707	2709	2711	rBV3	1727	1651	0.44%	0.058%
97	19.468	2780	2785	2789	rBV2	31181	42789	11.45%	1.498%
98	19.927	2861	2863	2868	rVB3	7399	8762	2.34%	0.307%
99	21.215	3078	3082	3089	rBV	285118	352618	94.33%	12.341%
100	23.503	3465	3471	3479	rVB2	184784	357595	95.66%	12.515%

Sum of corrected areas: 2857329

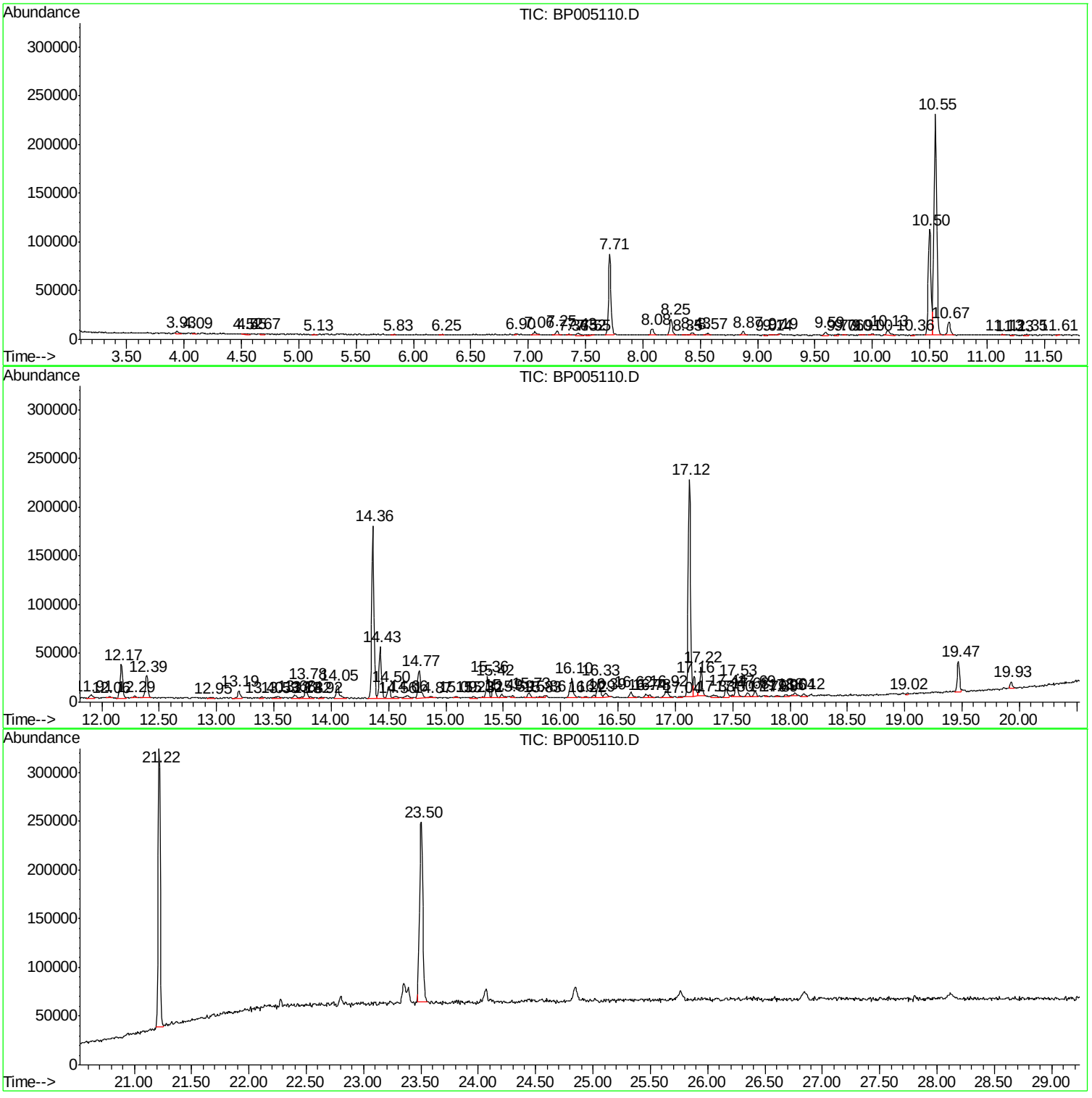
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005110.D
Acq On : 30 Mar 2021 18:42
Operator : CG/JU
Sample : M1800-04DL2 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
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Quant Title : SVOA CALIBRATION

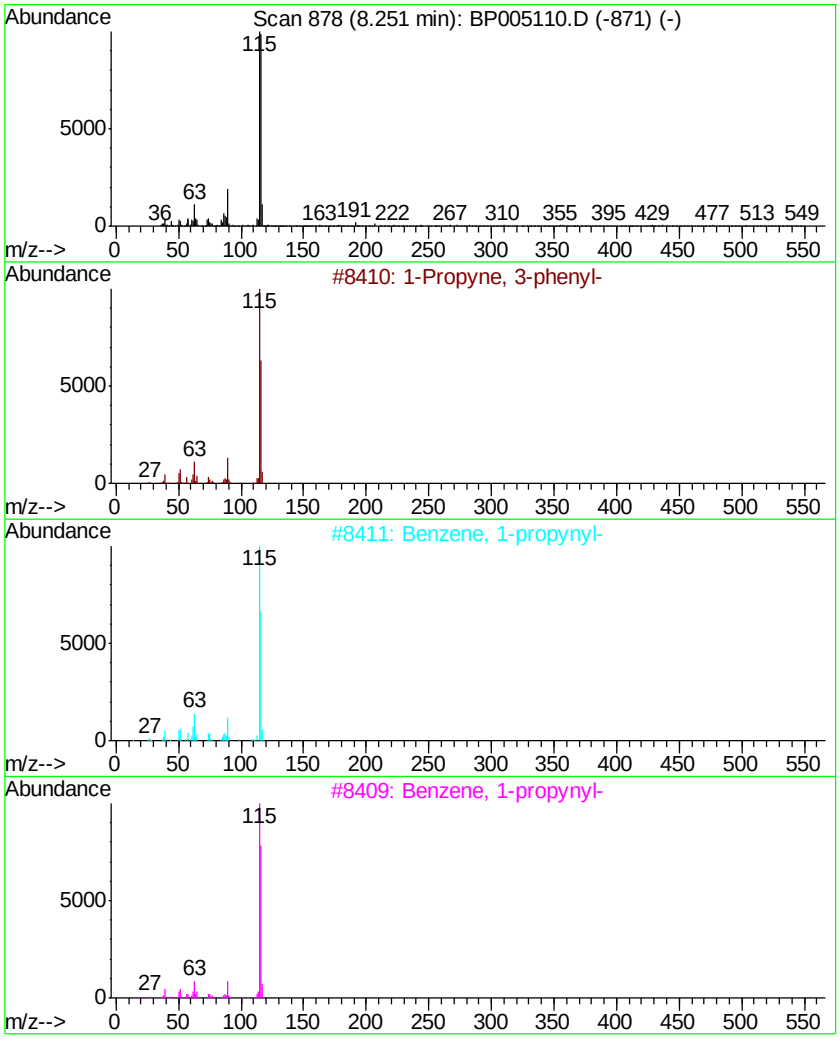
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

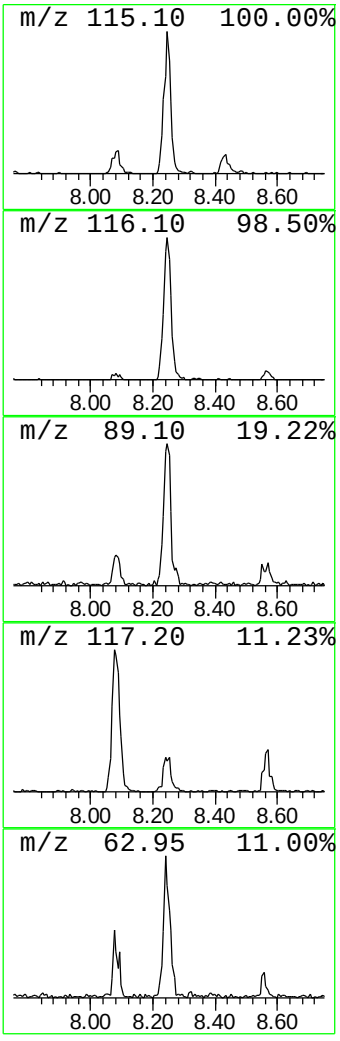
****

Peak Number 1 1-Propyne, 3-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.14 ng/ul	26748	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

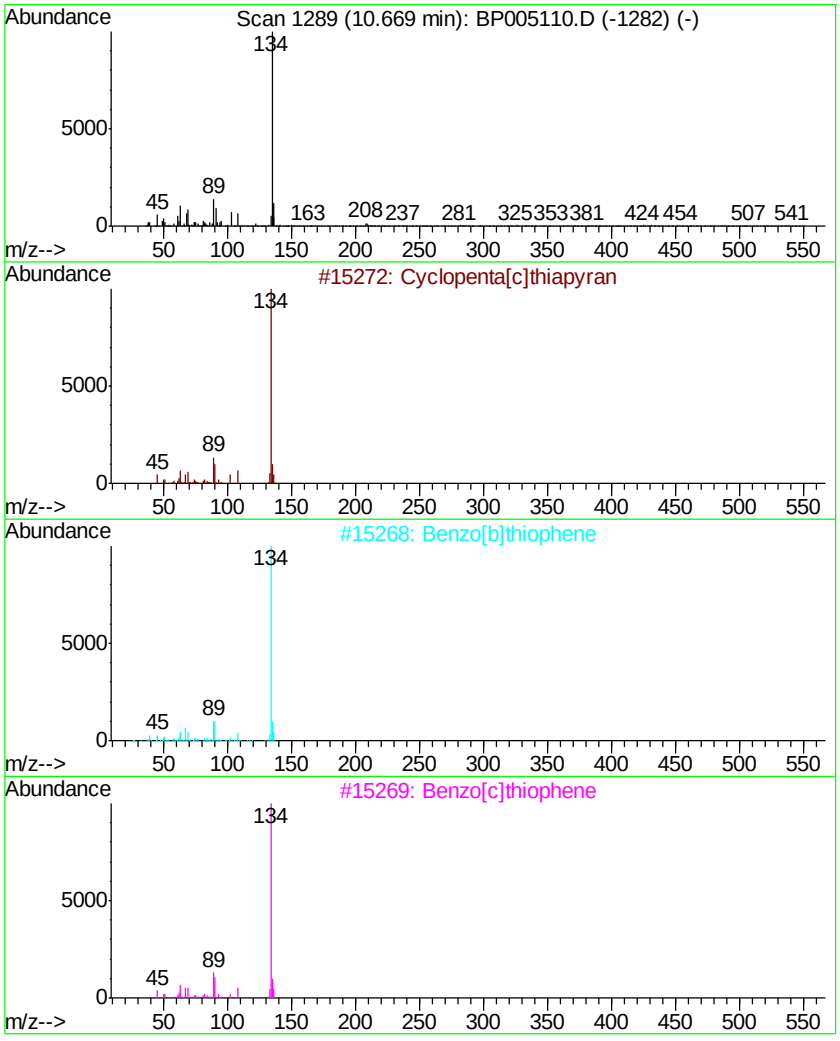
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

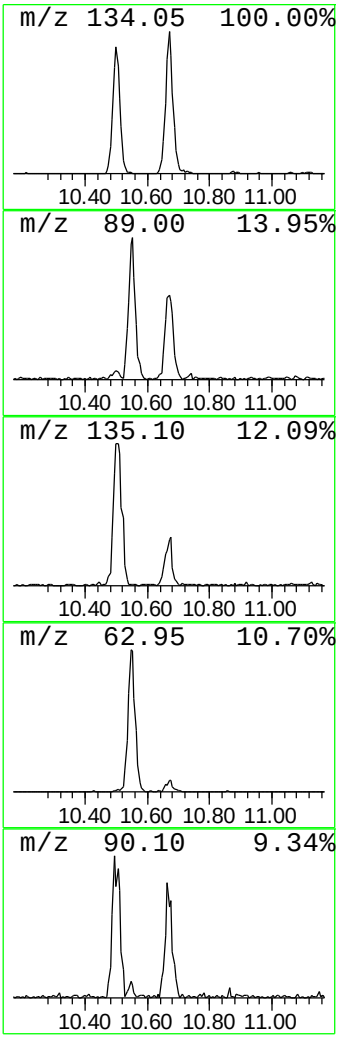
****

Peak Number 2 Cyclopenta[c]thiapyran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.45 ng/ul	22162	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Library Search Compound Report

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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

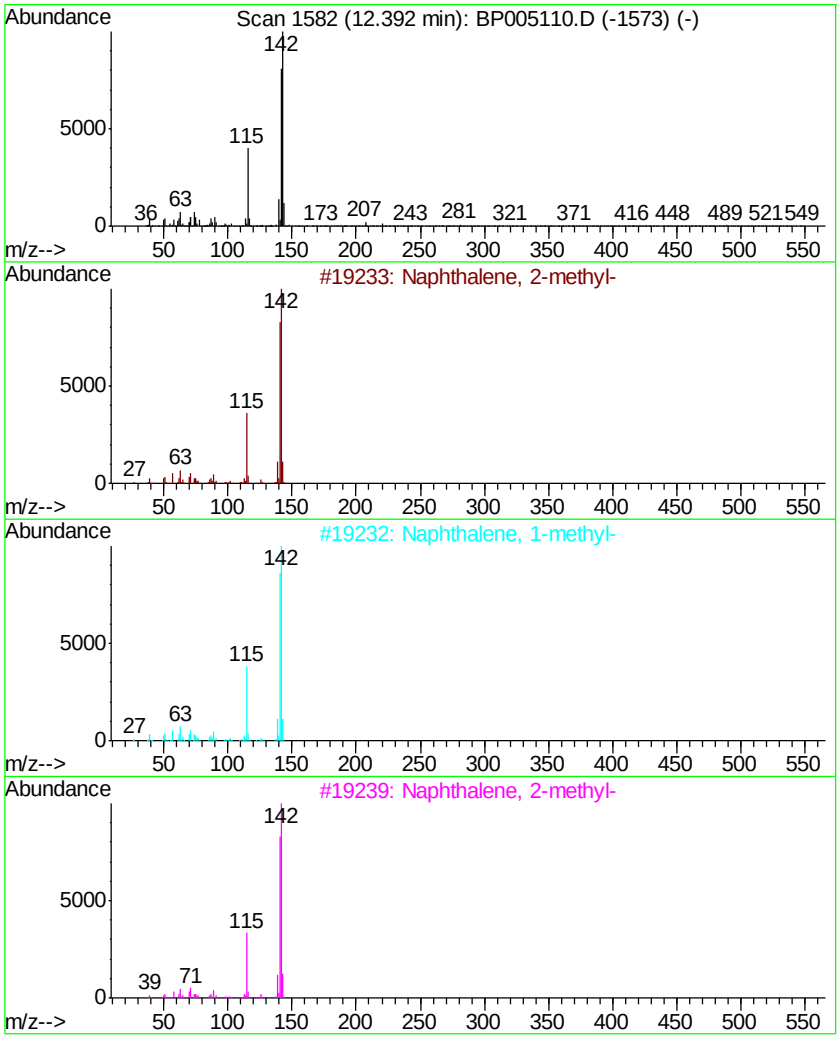
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

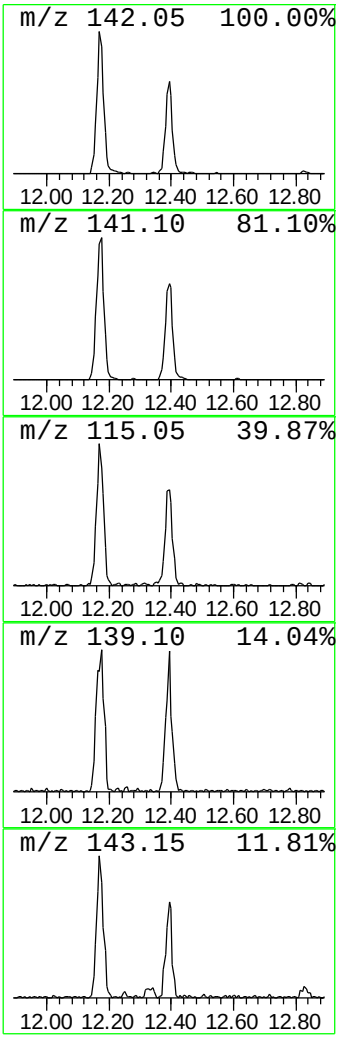
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.33 ng/ul	39165	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

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Acq On : 30 Mar 2021 18:42
Operator : CG/JU
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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

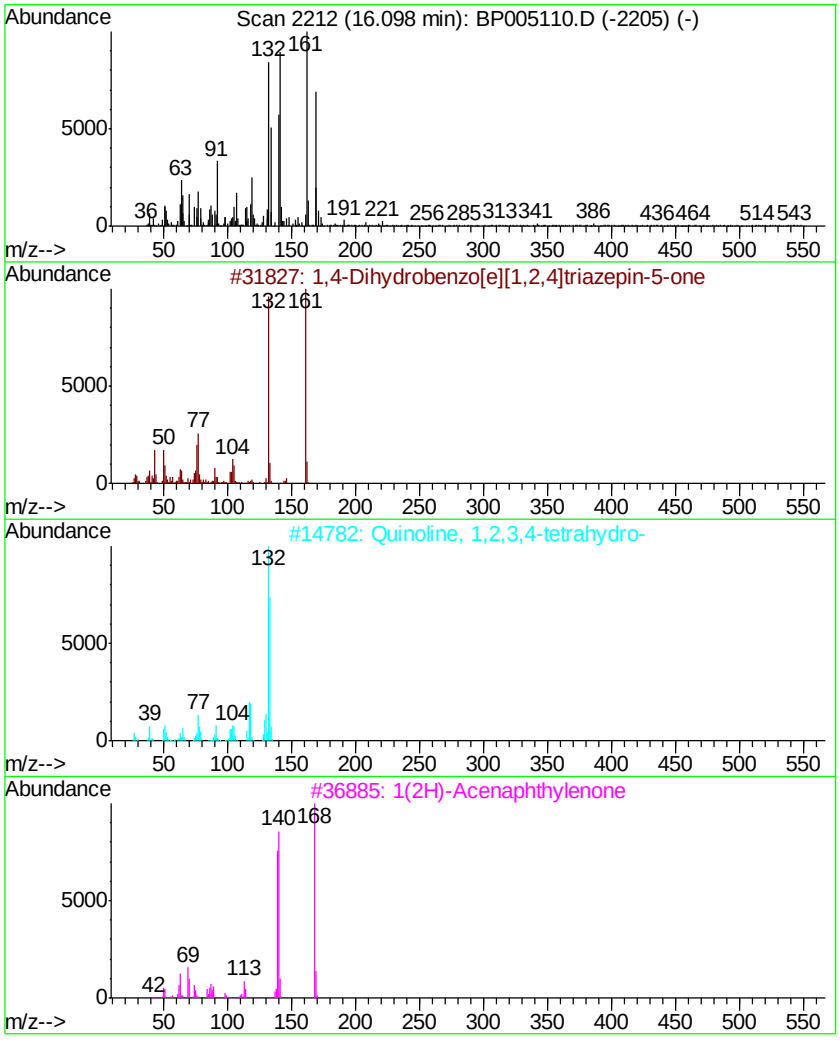
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

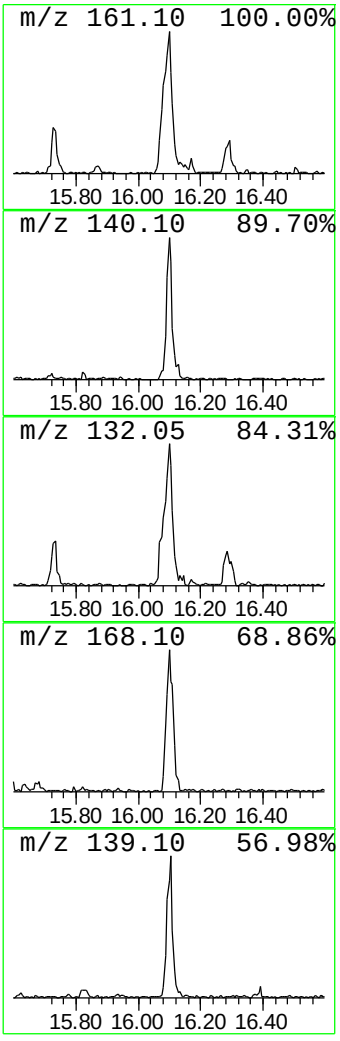
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.41 ng/ul	38008	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydrobenzo[e][1,2,4]triaze...	161	C8H7N3O	057711-25-8	38
2	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	35
3	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	30
4	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	20
5	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA 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
1-Propyne, 3-phenyl-	8.25	4.1	ng/ul	26748	1	7.71	129221	20.0
Cyclopenta[c]thia...	10.67	2.5	ng/ul	22162	2	10.50	180887	20.0
Naphthalene, 1-me...	12.39	4.3	ng/ul	39165	2	10.50	180887	20.0
unknown-01	16.10	2.4	ng/ul	38008	4	17.12	315603	20.0