LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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	3.940	142	145	148	rVB3	2146	2073	0.47%	0.065%
2	5.022	327	329	334	rBV6	847	947	0.22%	0.030%
3	6.005	495	496	503	rVB6	729	1054	0.24%	0.033%
4	7.058	669	675	676	rBV6	1058	1740	0.40%	0.054%
5	7.216	698	702	704	rBV4	1213	1686	0.38%	0.053%
6	7.246	704	707	717	rVB8	1742	3330	0.76%	0.104%
7	7.363	722	727	730	rBV4	1876	2578	0.59%	0.081%
8	7.434	736	739	748	rVB6	2817	5251	1.20%	0.164%
9	7.710	779	786	794	rBV2	80576	129767	29.54%	4.060%
10	8.081	845	849	854	rVB	7945	12221	2.78%	0.382%
11	8.157	859	862	868	rVB5	1892	3215	0.73%	0.101%
12	8.246	870	877	883	rBV	16717	27653	6.29%	0.865%
13	8.363	893	897	901	rVB7	680	1151	0.26%	0.036%
14	8.428	903	908	909	rBV4	1304	1627	0.37%	0.051%
15	8.493	914	919	921	rBV6	2026	2584	0.59%	0.081%
16	8.563	927	931	936	rVB6	1948	2645	0.60%	0.083%
17	8.875	981	984	990	rVB5	2061	3210	0.73%	0.100%
18	8.940	993	995	997	rBV3	880	821	0.19%	0.026%
19	9.140	1026	1029	1031	rBV4	820	961	0.22%	0.030%
20	9.193	1032	1038	1042	rVV7	2554	5225	1.19%	0.163%
21	9.252	1044	1048	1052	rVB6	973	1401	0.32%	0.044%
22	9.593	1104	1106	1110	rBV4	1141	1172	0.27%	0.037%
23	9.687	1116	1122	1125	rBV6	2462	4226	0.96%	0.132%
24	9.722	1126	1128	1131	rVB3	1308	1240	0.28%	0.039%
25	9.999	1170	1175	1182	rVB5	4161	7746	1.76%	0.242%
26	10.134	1195	1198	1205	rVB6	2061	3868	0.88%	0.121%
27	10.263	1218	1220	1223	rVB3	896	1043	0.24%	0.033%
28	10.387	1240	1241	1245	rBV4	671	936	0.21%	0.029%
29	10.499	1253	1260	1264	rBV	106972	184168	41.92%	5.761%
30	10.551	1264	1269	1277	rVB	267053	439336	100.00%	13.744%
31	10.669	1283	1289	1298	rVB	14388	26566	6.05%	0.831%
32	10.863	1320	1322	1326	rBV5	1052	1142	0.26%	0.036%
33	11.057	1351	1355	1360	rBV6	771	1307	0.30%	0.041%
34	11.128	1363	1367	1373	rVB7	1041	1540	0.35%	0.048%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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	11.340	1399	1403	1411	rBV5	1920	4003	0.91%	0.125%
36	11.593	1443	1446	1448	rBV3	1295	1277	0.29%	0.040%
37	11.904	1493	1499	1505	rBV4	7931	14561	3.31%	0.456%
38	12.063	1521	1526	1529	rBV6	1781	2361	0.54%	0.074%
39	12.169	1538	1544	1550	rBV	36833	55447	12.62%	1.735%
40	12.287	1560	1564	1569	rVB8	2293	4133	0.94%	0.129%
41	12.393	1574	1582	1590	rVB	20646	35734	8.13%	1.118%
42	12.575	1609	1613	1617	rVB6	950	1275	0.29%	0.040%
43	12.828	1651	1656	1661	rVB7	1360	2652	0.60%	0.083%
44	13.192	1712	1718	1725	rBV2	7650	12365	2.81%	0.387%
45	13.398	1748	1753	1754	rBV4	1055	1759	0.40%	0.055%
46	13.522	1765	1774	1775	rBV6	1966	3061	0.70%	0.096%
47	13.687	1796	1802	1806	rVB3	2865	4816	1.10%	0.151%
48	13.745	1806	1812	1814	rBV6	1780	3083	0.70%	0.096%
49	13.781	1814	1818	1824	rVB	5934	8100	1.84%	0.253%
50	13.916	1839	1841	1845	rBV3	1126	1395	0.32%	0.044%
51	14.057	1858	1865	1868	rBV2	7144	10402	2.37%	0.325%
52	14.187	1884	1887	1895	rVB5	1311	2631	0.60%	0.082%
53	14.363	1909	1917	1923	rBV	185287	264312	60.16%	8.269%
54	14.428	1923	1928	1935	rVV	50329	71052	16.17%	2.223%
55	14.498	1935	1940	1950	rVV	21069	31682	7.21%	0.991%
56	14.657	1962	1967	1977	rVB5	3881	9501	2.16%	0.297%
57	14.769	1977	1986	1996	rBV2	22752	48452	11.03%	1.516%
58	14.839	1996	1998	2006	rVB7	915	1471	0.33%	0.046%
59	15.098	2038	2042	2049	rBV7	2109	4319	0.98%	0.135%
60	15.239	2061	2066	2068	rBV6	1327	1736	0.40%	0.054%
61	15.316	2071	2079	2082	rBV6	4541	10206	2.32%	0.319%
62	15.363	2083	2087	2091	rVV2	8592	13066	2.97%	0.409%
63	15.416	2091	2096	2102	rVB	16792	22480	5.12%	0.703%
64	15.486	2105	2108	2114	rBV7	810	1430	0.33%	0.045%
65	15.586	2122	2125	2129	rVB6	839	843	0.19%	0.026%
66	15.669	2136	2139	2143	rVB7	988	1128	0.26%	0.035%
67	15.722	2144	2148	2152	rVB5	1914	3205	0.73%	0.100%
68	15.822	2162	2165	2169	rVV4	1767	2023	0.46%	0.063%
69	15.869	2169	2173	2180	rVB6	2485	4762	1.08%	0.149%
70	15.934	2180	2184	2185	rBV4	1109	827	0.19%	0.026%
71	16.092	2205	2211	2220	rBV5	7234	15396	3.50%	0.482%

LSC Area Percent Report

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Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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

72	16.169	2220	2224	2226	rVB5	970	1127	0.26%	0.035%
73	16.275	2232	2242	2247	rBV	42527	80122	18.24%	2.507%
74	16.345	2247	2254	2260	rVV	66657	125072	28.47%	3.913%
75	16.398	2260	2263	2269	rVB7	5604	9817	2.23%	0.307%
76	16.498	2276	2280	2285	rVB5	2115	3755	0.85%	0.117%
77	16.628	2296	2302	2311	rBV2	14398	23764	5.41%	0.743%
78	16.745	2318	2322	2325	rBV3	10847	17211	3.92%	0.538%
79	16.775	2325	2327	2333	rVB2	10092	12703	2.89%	0.397%
80	16.933	2345	2354	2363	rBV4	12963	26747	6.09%	0.837%
81	17.122	2378	2386	2391	rBV	227537	333141	75.83%	10.422%
82	17.163	2391	2393	2397	rVV	31738	47414	10.79%	1.483%
83	17.228	2400	2404	2417	rVV5	32090	66372	15.11%	2.076%
84	17.328	2417	2421	2423	rVV4	3880	6267	1.43%	0.196%
85	17.357	2423	2426	2433	rVB2	6825	9879	2.25%	0.309%
86	17.451	2437	2442	2447	rVV2	14213	21480	4.89%	0.672%
87	17.533	2451	2456	2463	rVB	23032	35273	8.03%	1.103%
88	17.633	2468	2473	2478	rVV6	4551	8509	1.94%	0.266%
89	17.698	2480	2484	2489	rVB2	4155	5881	1.34%	0.184%
90	17.780	2492	2498	2503	rBV9	1661	3723	0.85%	0.116%
91	17.828	2503	2506	2508	rBV4	867	1082	0.25%	0.034%
92	17.916	2519	2521	2523	rBV3	1274	1458	0.33%	0.046%
93	18.039	2536	2542	2546	rVB7	3033	6157	1.40%	0.193%
94	18.128	2553	2557	2560	rVB6	1979	2830	0.64%	0.089%
95	18.180	2560	2566	2568	rBV5	3337	5696	1.30%	0.178%
96	18.516	2621	2623	2627	rVB4	1868	2427	0.55%	0.076%
97	19.139	2726	2729	2736	rBV4	3729	5123	1.17%	0.160%
98	19.469	2781	2785	2789	rBV2	13625	17226	3.92%	0.539%
99	21.216	3078	3082	3088	rBV	301884	372576	84.80%	11.656%
100	23.504	3465	3471	3481	rVB	192044	381349	86.80%	11.930%

Sum of corrected areas: 3196557

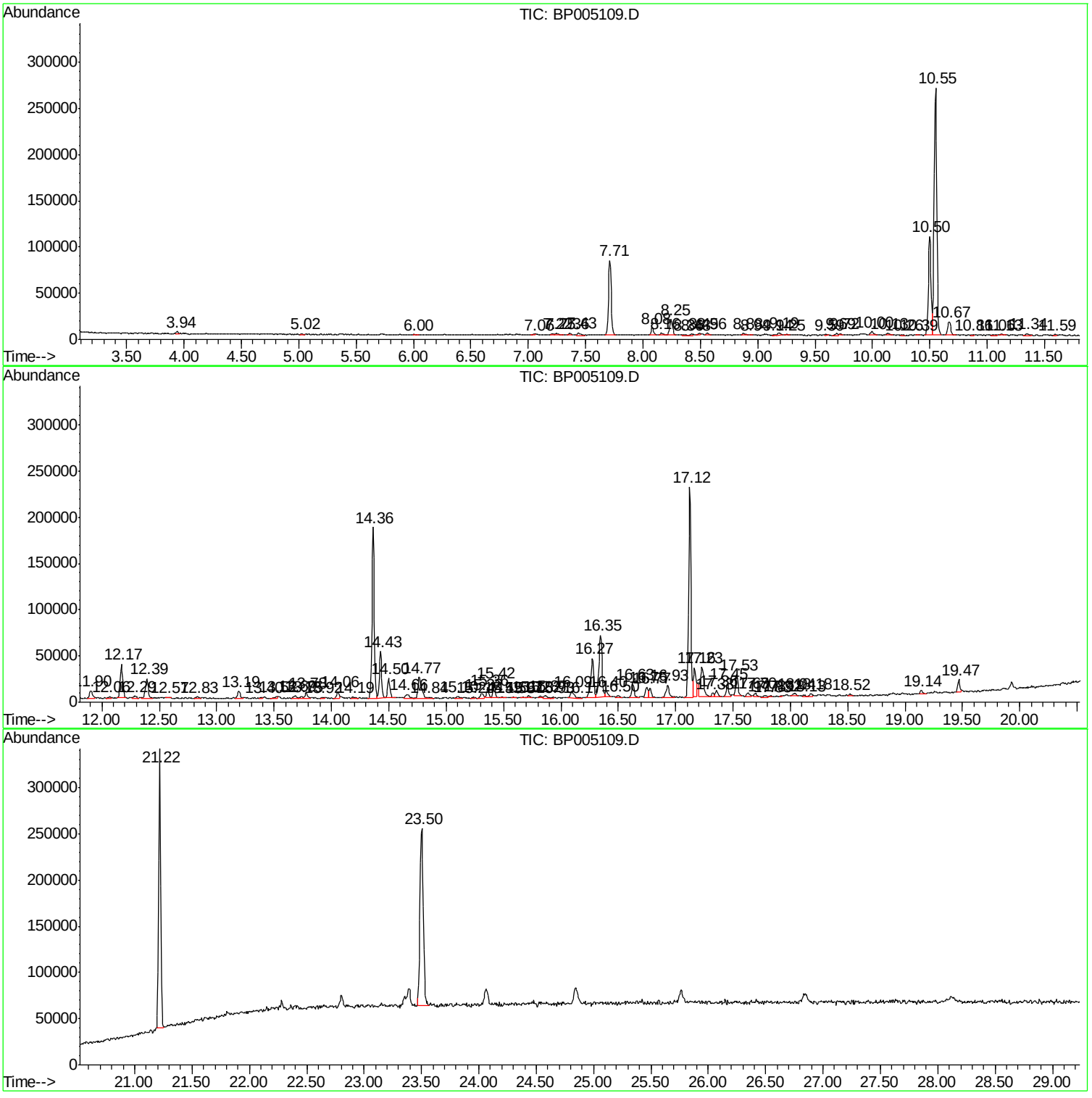
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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

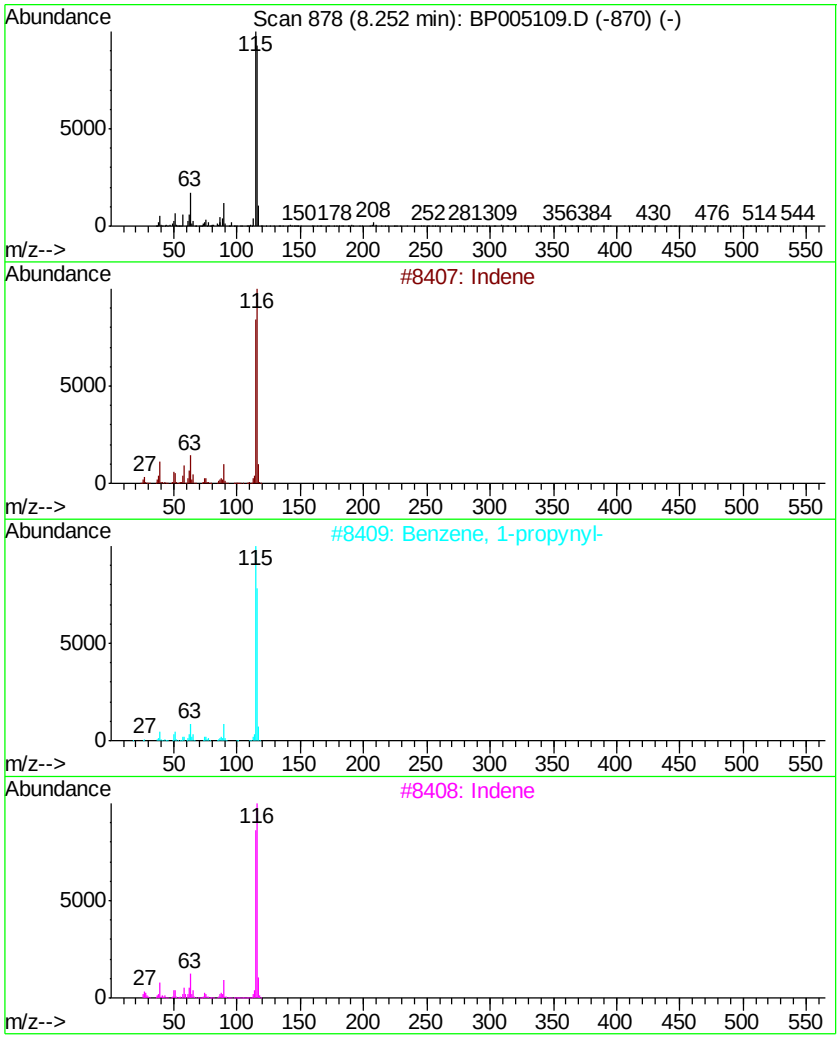
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

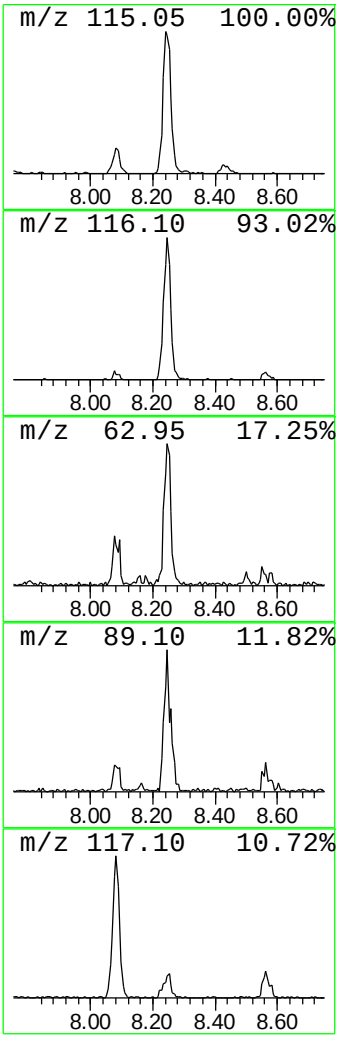
****

Peak Number 1 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.26 ng/ul	27653	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	90
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
3	Indene	116	C9H8	000095-13-6	87
4	Indene	116	C9H8	000095-13-6	87
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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

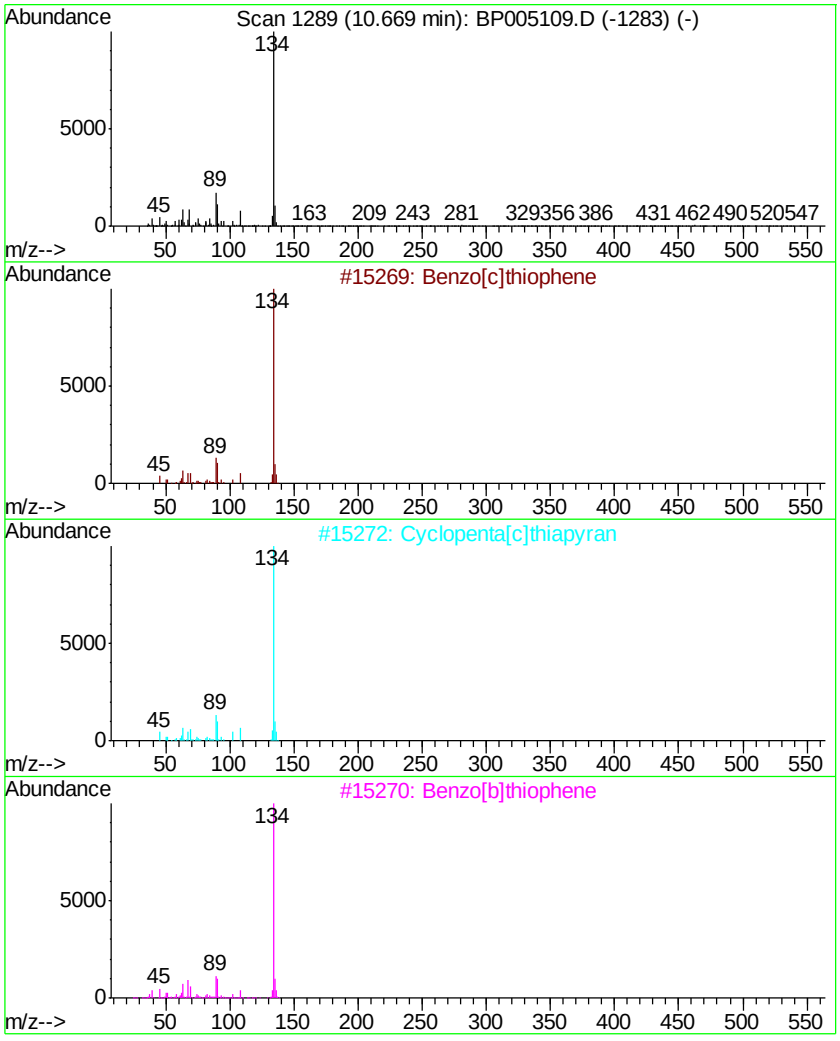
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

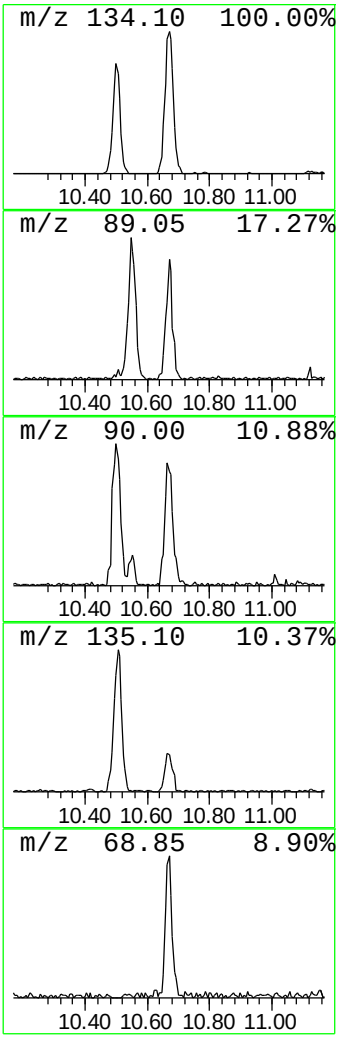
****

Peak Number 2 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.88 ng/ul	26566	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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

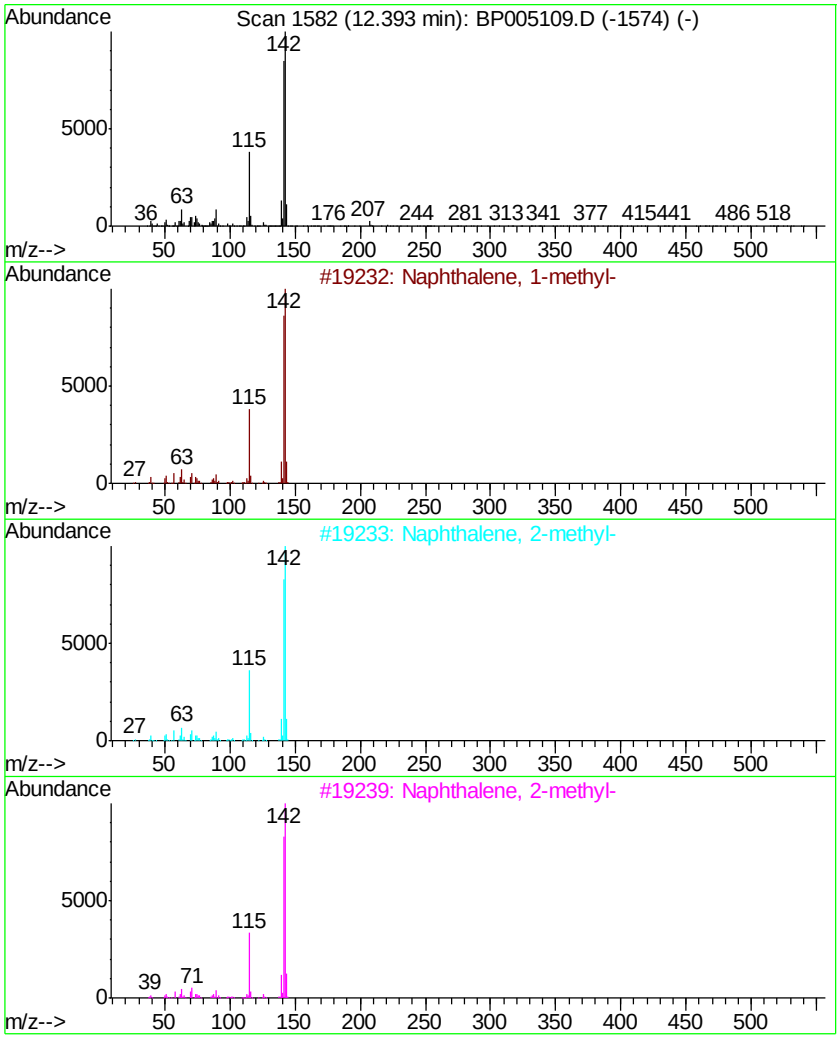
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

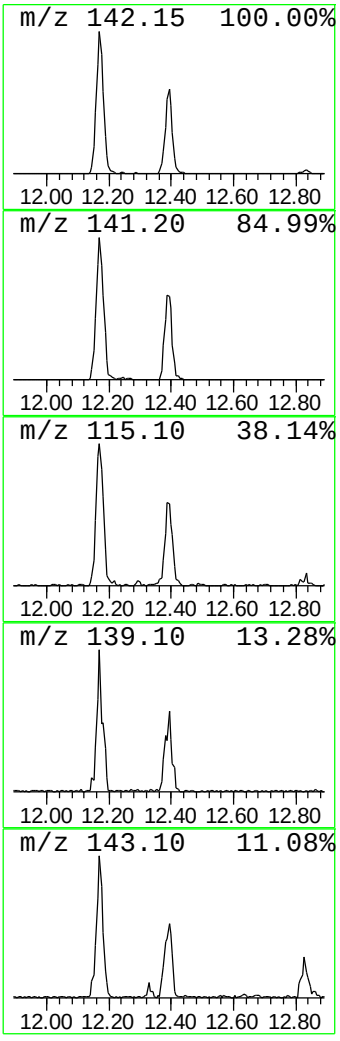
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.88 ng/ul	35734	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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

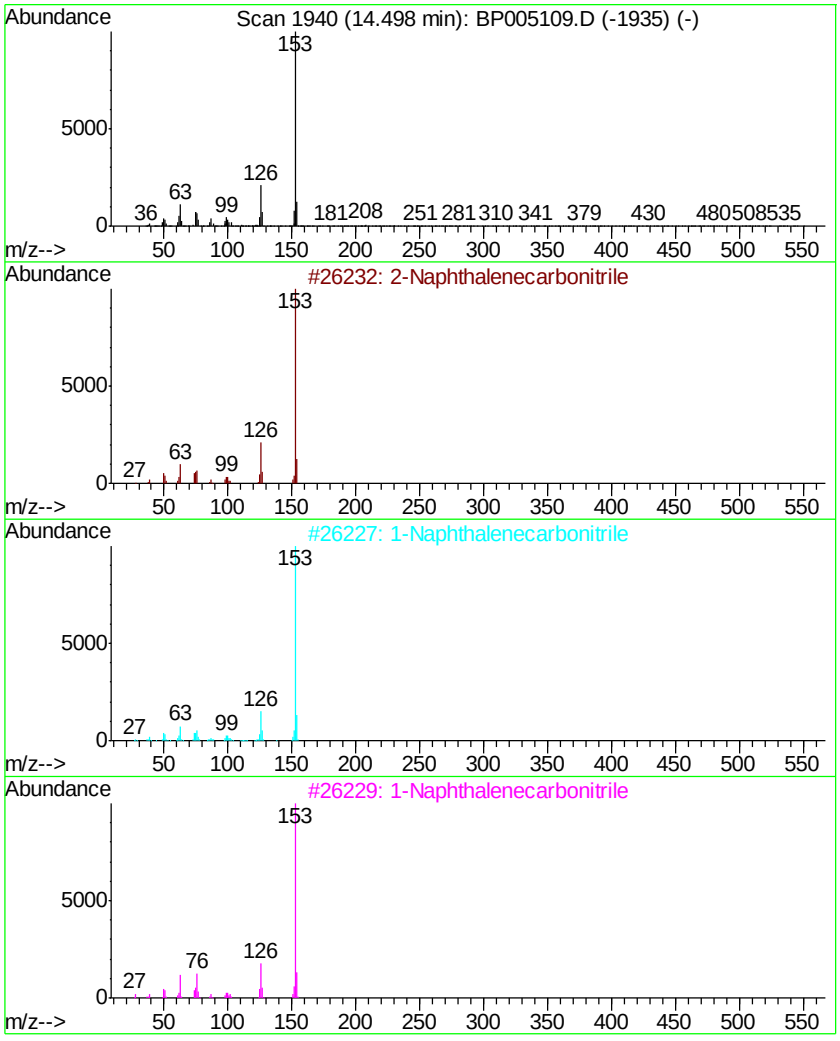
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

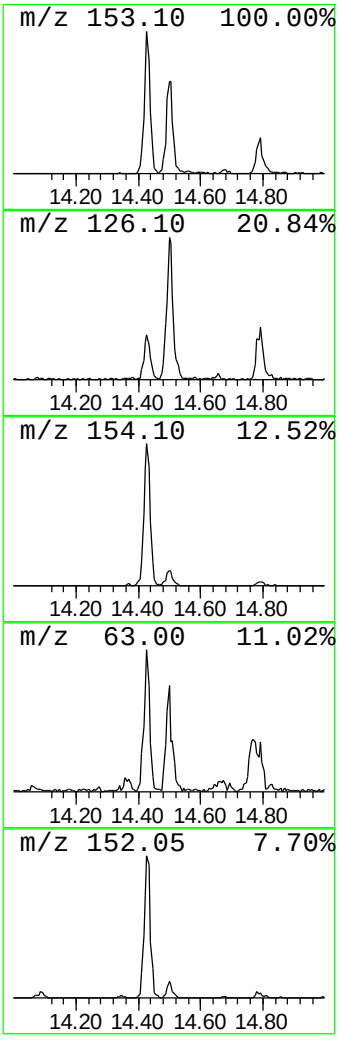
****

Peak Number 4 2-Naphthalenecarbonitrile Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.40 ng/ul	31682	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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

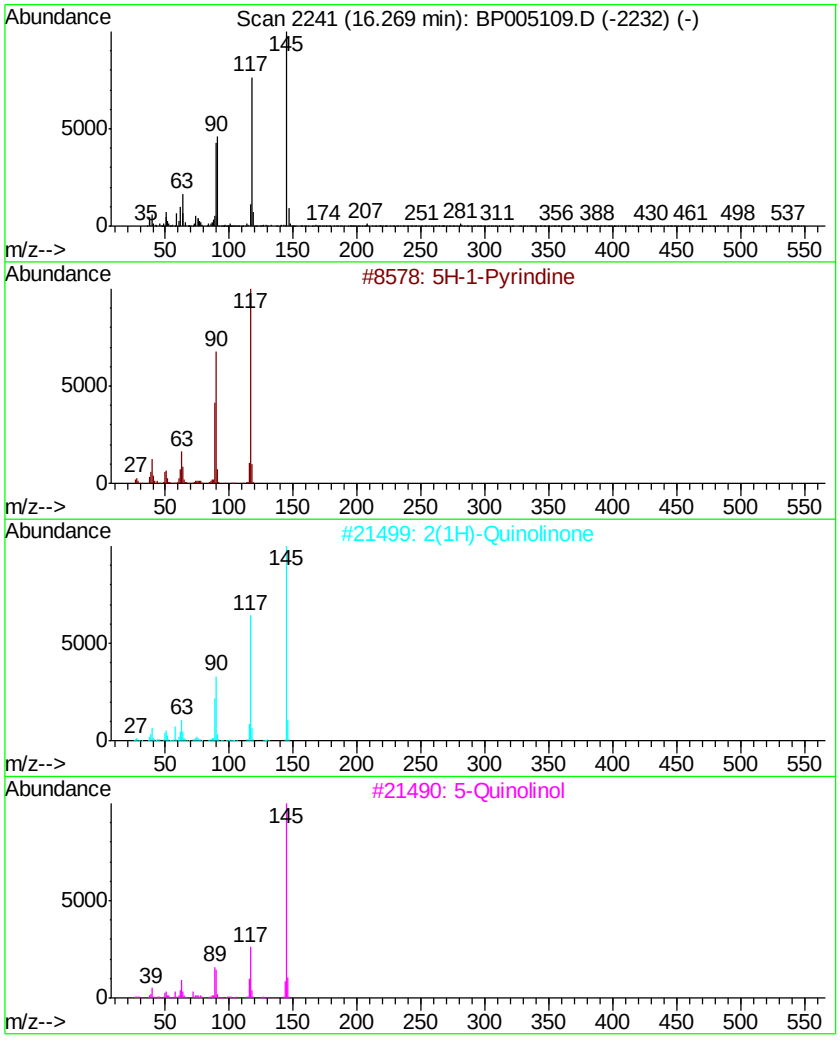
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

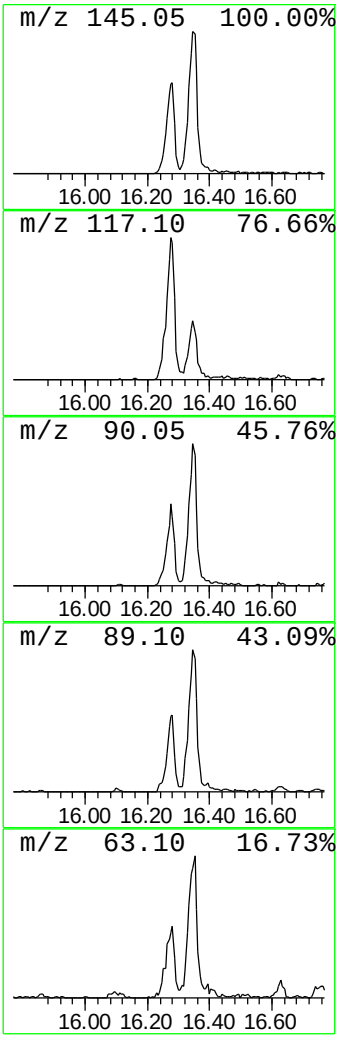
****

Peak Number 5 5H-1-Pyrindine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	4.81 ng/ul	80122	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-1-Pyrindine	117	C8H7N	000270-91-7	93
2	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	93
3	5-Quinolinol	145	C9H7NO	000578-67-6	91
4	5-Isoquinolinol	145	C9H7NO	002439-04-5	91
5	4-Quinolinol	145	C9H7NO	000611-36-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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

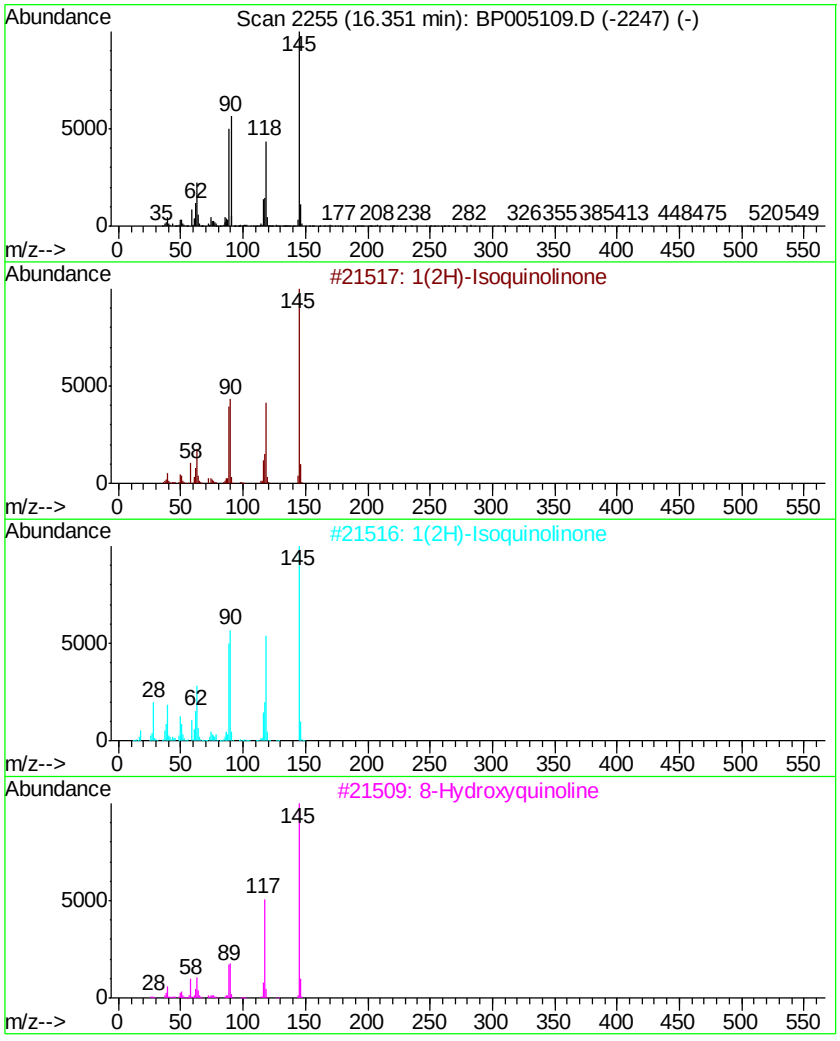
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

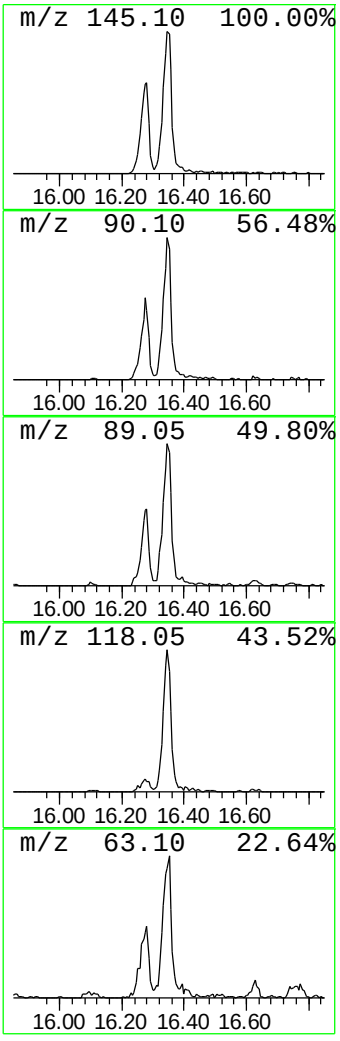
****

Peak Number 6 1(2H)-Isoquinolinone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	7.51 ng/ul	125072	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	93
3	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	87
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	78
5	Oxazole, 4-phenyl-	145	C9H7NO	020662-89-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
Data File : BP005109.D
Acq On : 30 Mar 2021 18:08
Operator : CG/JU
Sample : M1800-05DL2 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7DL2

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
Indene	8.25	4.3	ng/ul	27653	1	7.71	129767	20.0
Benzo[c]thiophene	10.67	2.9	ng/ul	26566	2	10.50	184168	20.0
Naphthalene, 1-me...	12.39	3.9	ng/ul	35734	2	10.50	184168	20.0
2-Naphthalenecarb...	14.50	2.4	ng/ul	31682	3	14.36	264312	20.0
5H-1-Pyrindine	16.27	4.8	ng/ul	80122	4	17.12	333141	20.0
1(2H)-Isoquinolinone	16.35	7.5	ng/ul	125072	4	17.12	333141	20.0