LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

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-BP121820MA.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	3.352	24	28	40	rVB	141489	204350	5.29%	0.775%
2	4.481	217	220	228	rVB	47120	69511	1.80%	0.264%
3	6.993	644	647	650	rBV2	15268	21624	0.56%	0.082%
4	7.158	670	675	684	rVB	71336	113687	2.94%	0.431%
5	7.358	704	709	717	rVB	85158	144305	3.73%	0.547%
6	7.822	781	788	796	rBV	1040572	1688431	43.67%	6.404%
7	8.528	902	908	915	rBV2	66628	114797	2.97%	0.435%
8	8.805	948	955	969	rBV	457426	762740	19.73%	2.893%
9	8.922	971	975	979	rVV3	17106	26556	0.69%	0.101%
10	8.981	979	985	992	rVV	83510	151592	3.92%	0.575%
11	9.063	993	999	1005	rVB	138597	223389	5.78%	0.847%
12	9.175	1015	1018	1027	rVB5	10278	20729	0.54%	0.079%
13	9.340	1040	1046	1050	rBV4	15345	25505	0.66%	0.097%
14	9.422	1052	1060	1068	rVB4	24268	59465	1.54%	0.226%
15	9.516	1073	1076	1077	rBV2	5298	6326	0.16%	0.024%
16	9.699	1101	1107	1114	rBV	64977	124590	3.22%	0.473%
17	9.834	1122	1130	1133	rBV7	11375	23012	0.60%	0.087%
18	9.887	1135	1139	1145	rVB5	16286	26156	0.68%	0.099%
19	9.993	1152	1157	1158	rBV2	4798	7860	0.20%	0.030%
20	10.034	1158	1164	1171	rVB	258271	431445	11.16%	1.636%
21	10.105	1171	1176	1179	rBV6	3487	5464	0.14%	0.021%
22	10.163	1179	1186	1193	rVB3	41375	81086	2.10%	0.308%
23	10.246	1193	1200	1208	rBV	117791	226686	5.86%	0.860%
24	10.393	1220	1225	1231	rBV10	7365	19157	0.50%	0.073%
25	10.540	1243	1250	1255	rBV7	6702	14166	0.37%	0.054%
26	10.616	1255	1263	1271	rBV	1302847	2288079	59.18%	8.679%
27	10.710	1273	1279	1285	rBV	708588	1168036	30.21%	4.430%
28	10.869	1300	1306	1315	rBV	10386	22515	0.58%	0.085%
29	10.969	1321	1323	1327	rVB4	6303	8120	0.21%	0.031%
30	11.046	1330	1336	1342	rBV10	5181	11870	0.31%	0.045%
31	11.199	1353	1362	1364	rBV9	6519	16418	0.42%	0.062%
32	11.281	1372	1376	1378	rBV5	5213	7219	0.19%	0.027%
33	11.310	1380	1381	1388	rVB6	5499	7329	0.19%	0.028%
34	11.387	1388	1394	1395	rBV6	3614	5587	0.14%	0.021%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

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-BP121820MA.M
Title : SVOA CALIBRATION

35	11.428	1396	1401	1404	rVV6	6694	14110	0.36%	0.054%
36	11.457	1404	1406	1412	rVV5	11773	17492	0.45%	0.066%
37	11.522	1415	1417	1422	rVV6	4594	6538	0.17%	0.025%
38	11.581	1423	1427	1432	rVV7	8191	14791	0.38%	0.056%
39	11.822	1464	1468	1475	rVB2	11472	19381	0.50%	0.074%
40	11.963	1486	1492	1501	rVB2	37922	76852	1.99%	0.292%
41	12.069	1506	1510	1513	rBV5	5477	8172	0.21%	0.031%
42	12.140	1513	1522	1533	rBV2	146383	397029	10.27%	1.506%
43	12.228	1533	1537	1545	rVB3	24441	44279	1.15%	0.168%
44	12.340	1551	1556	1562	rBV9	7905	15867	0.41%	0.060%
45	12.510	1580	1585	1589	rVB8	6405	9897	0.26%	0.038%
46	12.616	1599	1603	1609	rVB4	14322	23667	0.61%	0.090%
47	12.716	1615	1620	1625	rVB8	6602	11695	0.30%	0.044%
48	12.840	1639	1641	1648	rVB7	5794	9354	0.24%	0.035%
49	13.010	1666	1670	1675	rVV8	5516	11741	0.30%	0.045%
50	13.075	1679	1681	1686	rVB6	5010	6005	0.16%	0.023%
51	13.187	1696	1700	1703	rBV5	6911	11763	0.30%	0.045%
52	13.269	1709	1714	1717	rBV7	6055	10822	0.28%	0.041%
53	13.328	1717	1724	1727	rVV	268216	403825	10.45%	1.532%
54	13.369	1727	1731	1741	rVB2	178334	318595	8.24%	1.208%
55	13.504	1750	1754	1761	rBV6	7284	16205	0.42%	0.061%
56	13.563	1761	1764	1770	rVB5	5645	7523	0.19%	0.029%
57	13.698	1782	1787	1792	rBV9	5994	12392	0.32%	0.047%
58	13.875	1812	1817	1822	rBV	202048	277486	7.18%	1.053%
59	13.922	1822	1825	1830	rVB2	50714	65316	1.69%	0.248%
60	14.022	1837	1842	1848	rBV8	9060	22599	0.58%	0.086%
61	14.063	1848	1849	1853	rVV4	5024	5726	0.15%	0.022%
62	14.163	1856	1866	1882	rBV	247111	407069	10.53%	1.544%
63	14.281	1882	1886	1893	rBV10	5697	11757	0.30%	0.045%
64	14.393	1899	1905	1911	rBV4	30930	43587	1.13%	0.165%
65	14.469	1911	1918	1926	rBV	1736819	2721114	70.38%	10.321%
66	14.687	1949	1955	1961	rBV6	10203	23067	0.60%	0.087%
67	14.781	1968	1971	1976	rBV7	3038	5909	0.15%	0.022%
68	14.840	1976	1981	1984	rVB6	3840	6284	0.16%	0.024%
69	15.081	2014	2022	2023	rBV7	6058	12155	0.31%	0.046%
70	15.163	2032	2036	2040	rBV7	3367	6809	0.18%	0.026%
71	15.210	2040	2044	2051	rBV2	13877	24913	0.64%	0.094%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

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-BP121820MA.M
Title : SVOA CALIBRATION

72	15.275	2051	2055	2062	rVV10	6547	14331	0.37%	0.054%
73	15.334	2062	2065	2070	rVV7	4612	7818	0.20%	0.030%
74	15.469	2080	2088	2095	rBV	300143	443155	11.46%	1.681%
75	15.604	2103	2111	2120	rBV4	75576	151800	3.93%	0.576%
76	15.722	2127	2131	2135	rBV6	10890	18152	0.47%	0.069%
77	15.928	2162	2166	2169	rBV6	6106	6809	0.18%	0.026%
78	15.981	2170	2175	2184	rVV	193341	279646	7.23%	1.061%
79	16.151	2196	2204	2210	rBV2	35455	71794	1.86%	0.272%
80	16.316	2226	2232	2236	rBV4	10952	17526	0.45%	0.066%
81	16.369	2237	2241	2246	rBV6	7514	13601	0.35%	0.052%
82	16.498	2256	2263	2267	rBV	109139	162157	4.19%	0.615%
83	16.763	2305	2308	2314	rVB2	10141	14002	0.36%	0.053%
84	17.022	2347	2352	2358	rVB2	13141	25444	0.66%	0.097%
85	17.234	2379	2388	2398	rBV	2019618	2911809	75.32%	11.045%
86	17.334	2399	2405	2415	rVV	305958	456687	11.81%	1.732%
87	17.551	2438	2442	2446	rVB7	11158	17379	0.45%	0.066%
88	17.775	2477	2480	2484	rBV5	9388	14053	0.36%	0.053%
89	17.851	2489	2493	2499	rVB4	11756	18149	0.47%	0.069%
90	18.192	2547	2551	2557	rBV	29493	41341	1.07%	0.157%
91	18.410	2586	2588	2593	rBV6	9017	11877	0.31%	0.045%
92	18.875	2664	2667	2671	rVB4	25160	33293	0.86%	0.126%
93	18.963	2678	2682	2690	rBV9	25255	58060	1.50%	0.220%
94	19.139	2709	2712	2717	rBV2	29446	38336	0.99%	0.145%
95	19.269	2730	2734	2737	rBV	38365	41299	1.07%	0.157%
96	19.575	2781	2786	2790	rBV	408184	539819	13.96%	2.048%
97	20.275	2903	2905	2910	rVB4	38670	47637	1.23%	0.181%
98	21.327	3079	3084	3091	rBV	2641048	3412010	88.25%	12.942%
99	23.533	3455	3459	3464	rVB	240579	400155	10.35%	1.518%
100	23.686	3478	3485	3497	rVB	1924847	3866169	100.00%	14.665%

Sum of corrected areas: 26363896

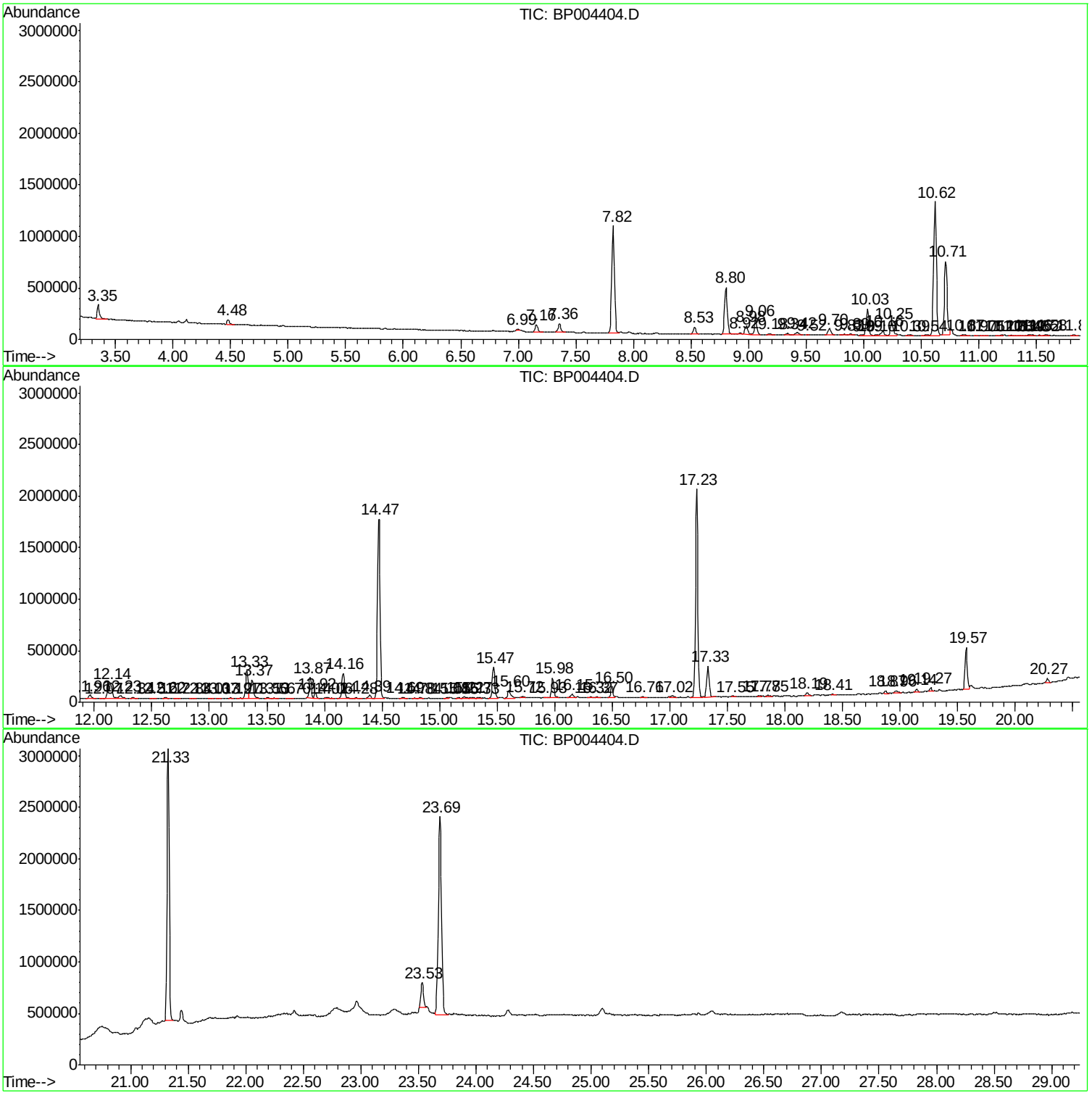
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.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\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

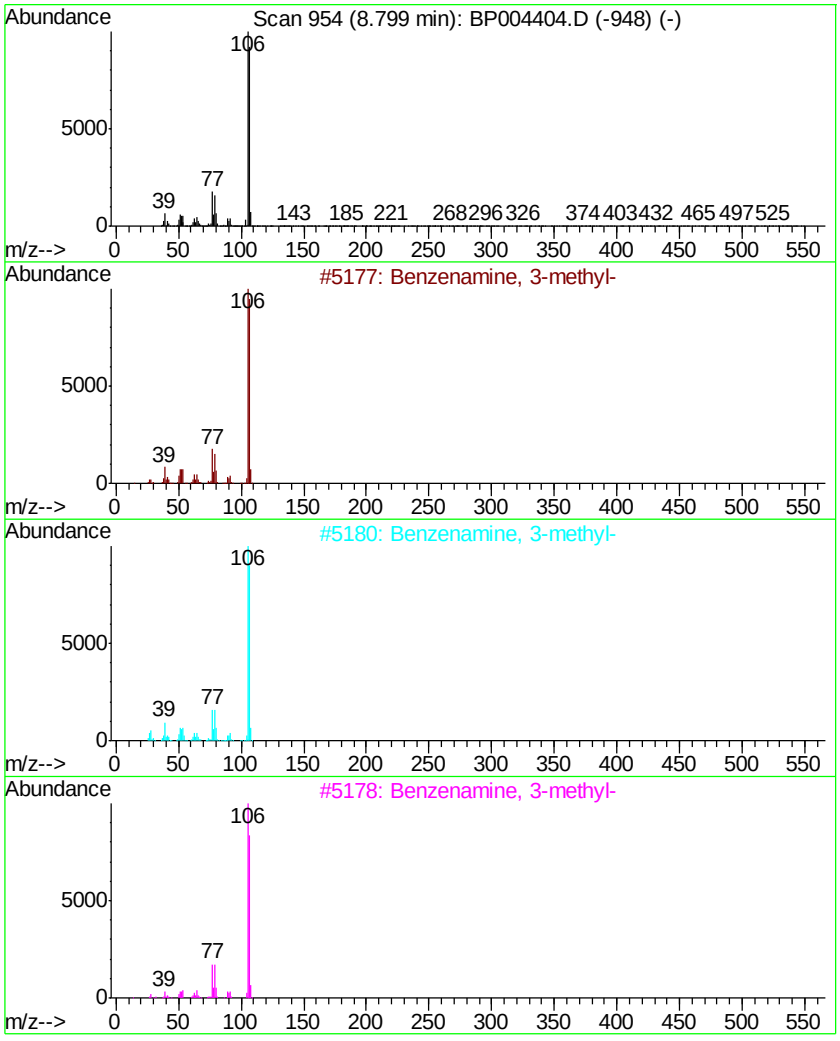
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

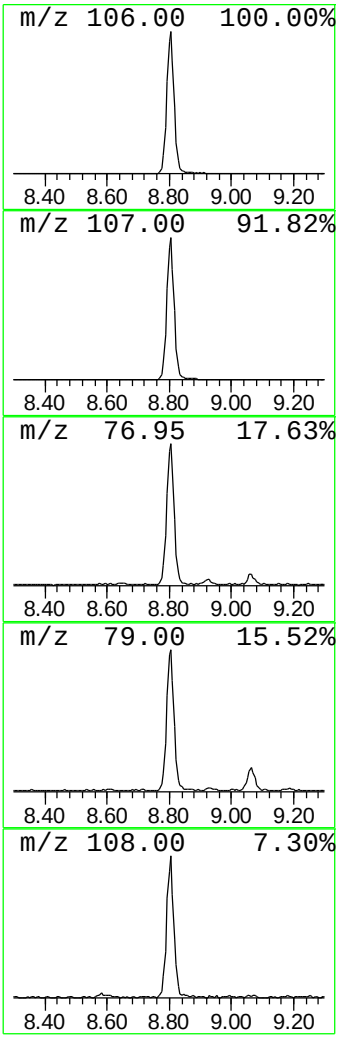
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	9.03 ng/ul	762740	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
5	o-Toluidine	107	C7H9N	000095-53-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

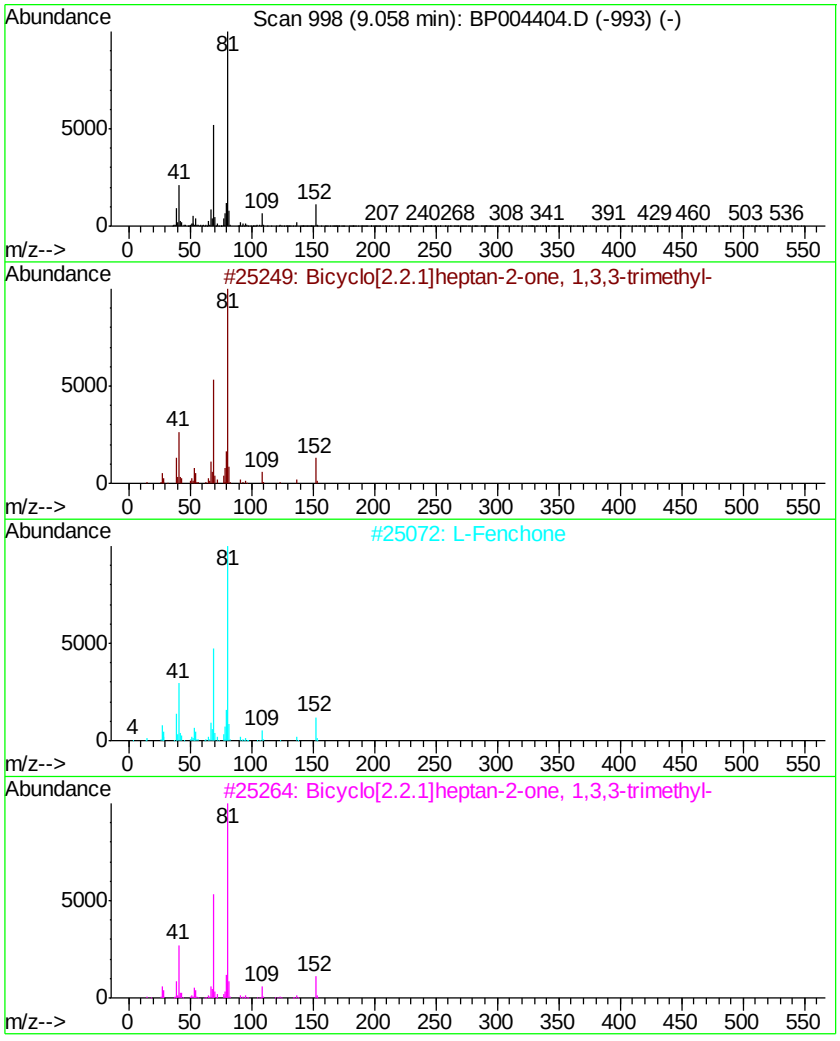
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

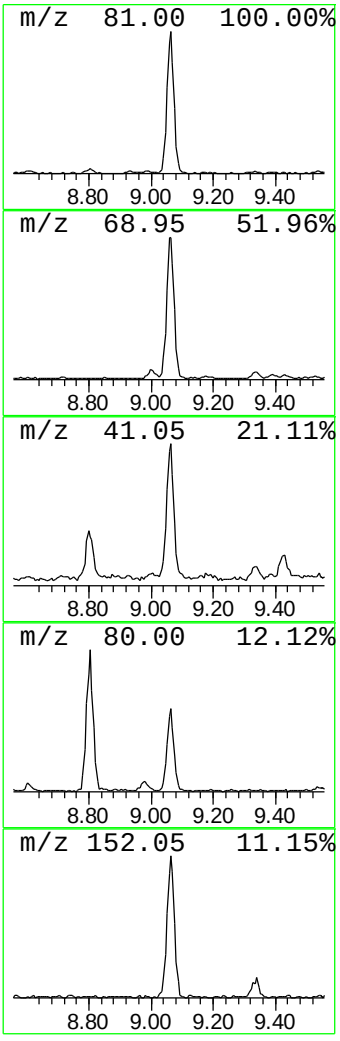
****

Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.65 ng/ul	223389	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2	L-Fenchone	152	C10H16O	007787-20-4	95
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
4	D-Fenchone	152	C10H16O	004695-62-9	94
5	L-Fenchone	152	C10H16O	007787-20-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

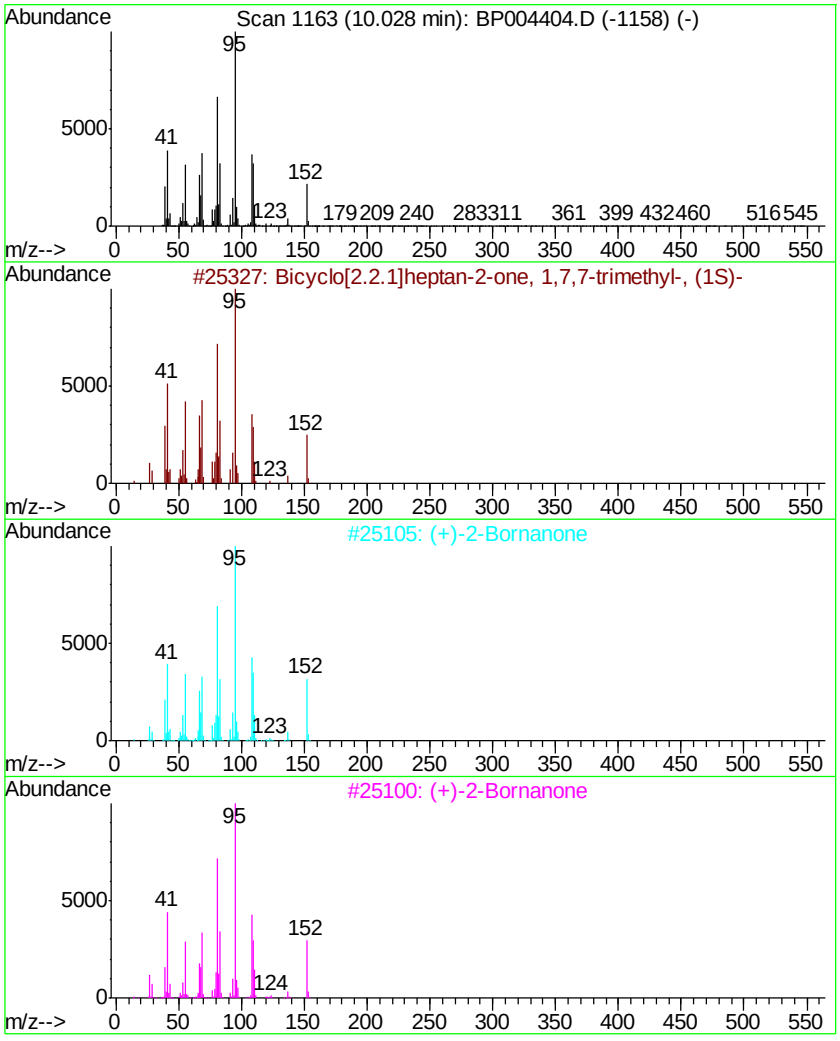
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

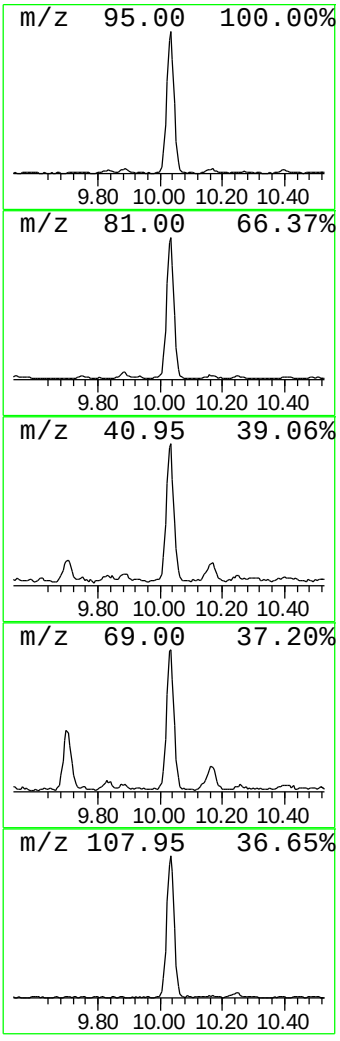
****

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	3.77 ng/ul	431445	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
4	Camphor	152	C10H16O	000076-22-2	97
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

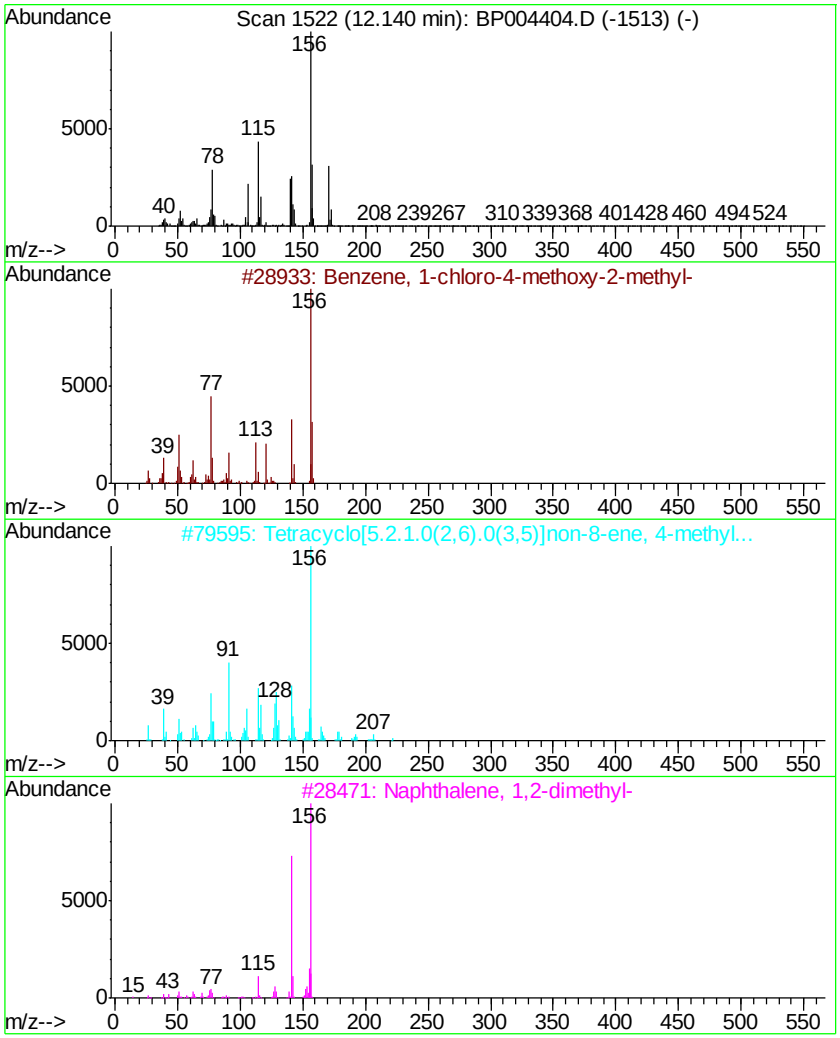
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

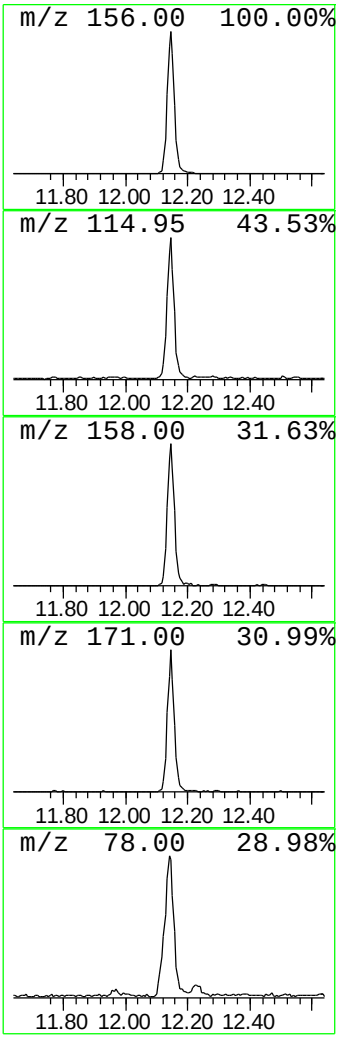
****

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.47 ng/ul	397029	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	35
2	Tetracyclo[5.2.1.0(2,6).0(3,5)]n...	222	C17H18	1000154-17-7	25
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	25
4	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	25
5	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

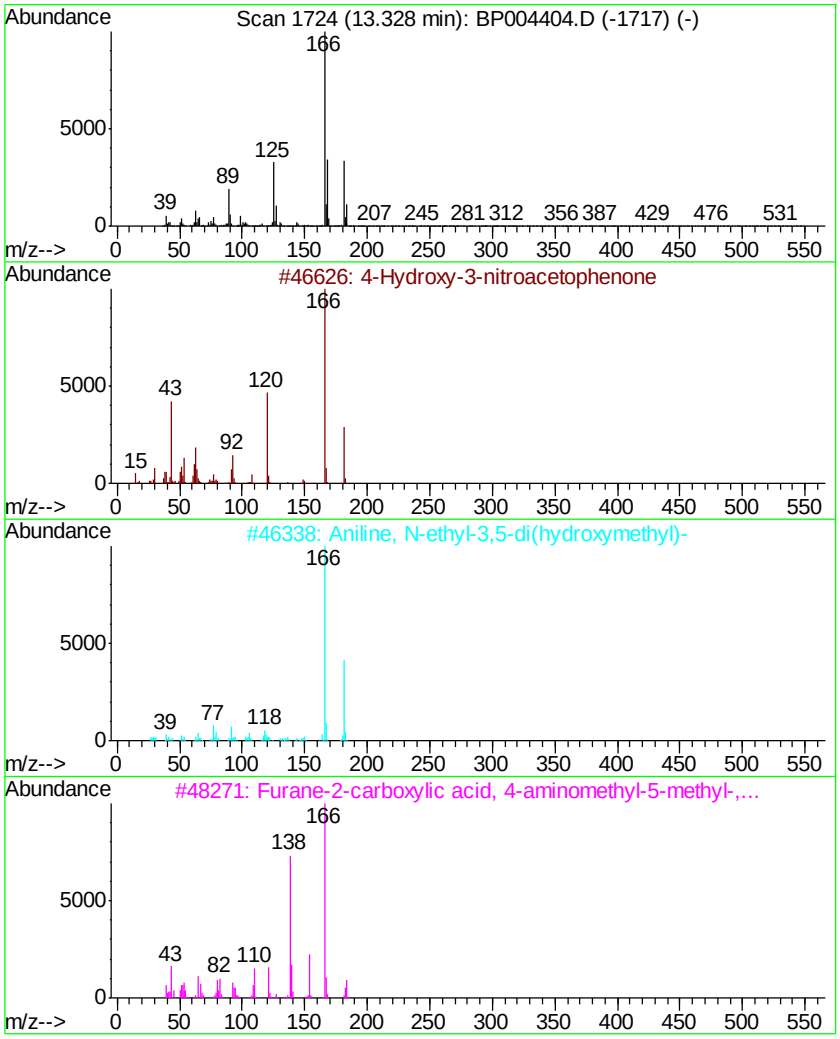
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

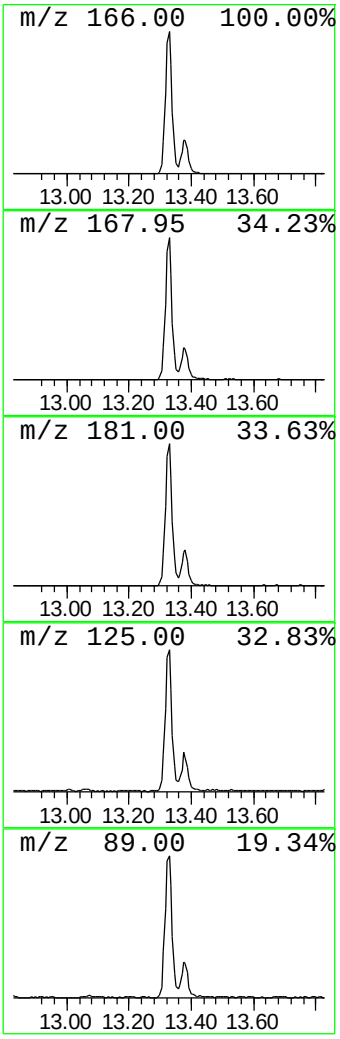
****

Peak Number 5 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.97 ng/ul	403825	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-nitroacetophenone	181	C8H7NO4	1000342-49-3	46
2	Aniline, N-ethyl-3,5-di(hydroxym...	181	C10H15NO2	1000158-25-8	43
3	Furane-2-carboxylic acid, 4-amin...	183	C9H13NO3	1000277-40-8	43
4	3-Trimethylsilyloxy-6-methylpyri...	181	C9H15NOSi	175154-58-2	38
5	Morpholine, 4-(3-methylcyclohex-...	181	C11H19NO	1000146-93-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

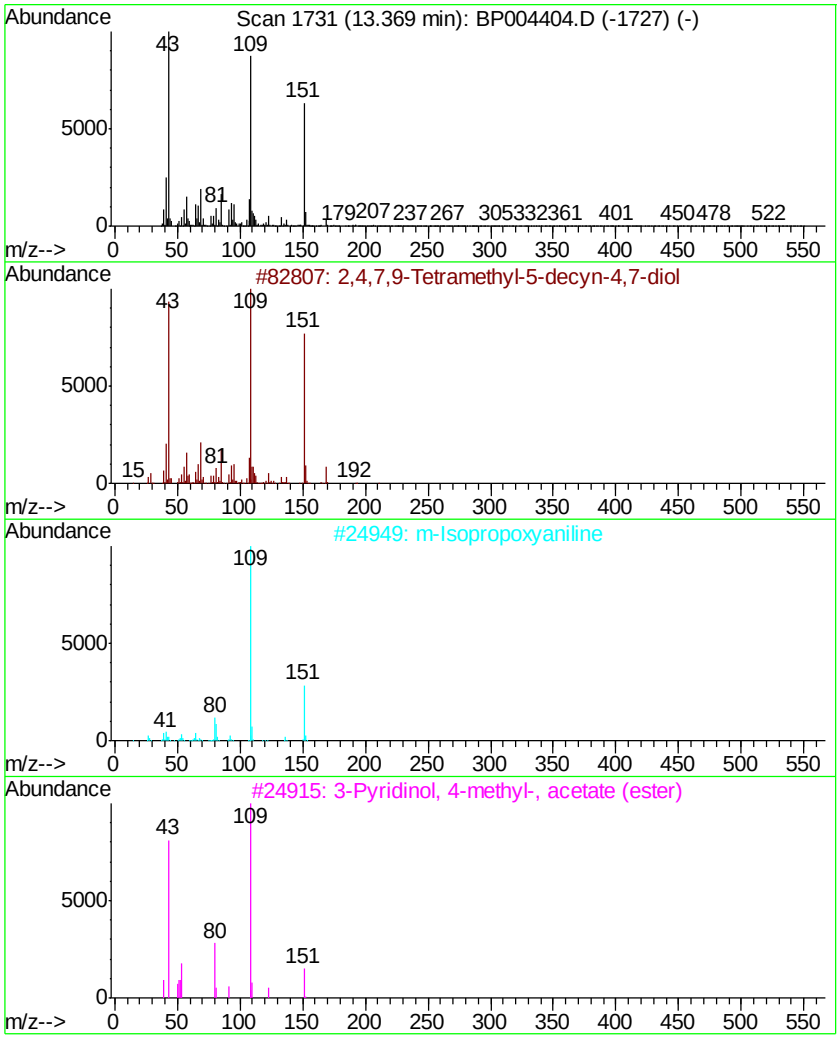
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

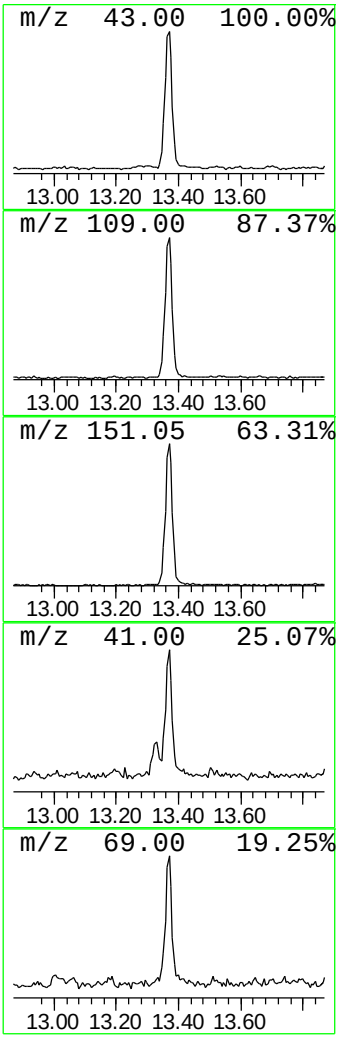
****

Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.34 ng/ul	318595	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	58
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	53
5	Cyclohexanemethanol, 3,3-dimethy...	212	C13H24O2	072541-28-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122120\
Data File : BP004404.D
Acq On : 21 Dec 2020 11:58
Operator : CG/JU
Sample : L5128-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8D2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.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
Benzenamine, 3-me...	8.80	9.0	ng/ul	762740	1	7.82	1688430	20.0
Bicyclo[2.2.1]hep...	9.06	2.6	ng/ul	223389	1	7.82	1688430	20.0
Bicyclo[2.2.1]hep...	10.03	3.8	ng/ul	431445	2	10.62	2288080	20.0
unknown-01	12.14	3.5	ng/ul	397029	2	10.62	2288080	20.0
unknown-02	13.33	3.0	ng/ul	403825	3	14.47	2721110	20.0
2,4,7,9-Tetrameth...	13.37	2.3	ng/ul	318595	3	14.47	2721110	20.0