LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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	3.322	19	23	25	rBV	43564	61316	0.71%	0.070%
2	3.352	26	28	34	rVB	54872	62936	0.73%	0.072%
3	4.052	144	147	151	rVB2	28199	39554	0.46%	0.045%
4	4.481	216	220	230	rVB	119259	196015	2.26%	0.225%
5	5.158	331	335	343	rVB	53514	85661	0.99%	0.098%
6	6.322	529	533	542	rVB4	26871	48665	0.56%	0.056%
7	6.987	638	646	661	rVB3	206648	581903	6.70%	0.669%
8	7.158	669	675	683	rBV	493486	801699	9.24%	0.921%
9	7.358	700	709	717	rBV	616022	1006191	11.59%	1.156%
10	7.422	717	720	726	rVV3	28426	50899	0.59%	0.058%
11	7.822	781	788	795	rBV	1754812	2872689	33.10%	3.301%
12	7.893	795	800	808	rVV3	41137	94006	1.08%	0.108%
13	7.963	808	812	823	rVB2	28224	58688	0.68%	0.067%
14	8.199	847	852	859	rVV	64331	115999	1.34%	0.133%
15	8.369	875	881	886	rVB5	11690	27274	0.31%	0.031%
16	8.469	893	898	902	rBV2	29312	49044	0.57%	0.056%
17	8.528	902	908	916	rVV	548912	901280	10.38%	1.036%
18	8.716	934	940	948	rVB4	22299	48120	0.55%	0.055%
19	8.805	948	955	963	rBV	369586	610599	7.04%	0.702%
20	8.922	970	975	979	rBV2	48397	81833	0.94%	0.094%
21	8.975	979	984	996	rVB	602991	1053440	12.14%	1.210%
22	9.187	1014	1020	1026	rVB10	14665	35766	0.41%	0.041%
23	9.334	1039	1045	1051	rBV2	63763	110338	1.27%	0.127%
24	9.416	1051	1059	1073	rVB3	122475	248081	2.86%	0.285%
25	9.563	1080	1084	1089	rVB5	27078	43427	0.50%	0.050%
26	9.699	1100	1107	1121	rBV	522004	918888	10.59%	1.056%
27	9.828	1121	1129	1136	rBV	25754	61724	0.71%	0.071%
28	9.922	1140	1145	1152	rVB8	18731	51418	0.59%	0.059%
29	10.028	1152	1163	1172	rBV8	26598	85732	0.99%	0.099%
30	10.110	1172	1177	1179	rBV4	22511	37522	0.43%	0.043%
31	10.152	1179	1184	1192	rVB4	44929	110790	1.28%	0.127%
32	10.240	1192	1199	1219	rVB	1015002	1801117	20.75%	2.069%
33	10.399	1219	1226	1227	rBV7	15146	28763	0.33%	0.033%
34	10.528	1242	1248	1254	rBV2	53039	91153	1.05%	0.105%

LSC Area Percent Report

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Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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	10.622	1256	1264	1271	rBV	2437810	4243870	48.90%	4.876%
36	10.751	1278	1286	1301	rVB	814742	1437368	16.56%	1.651%
37	10.875	1301	1307	1316	rBV4	36099	77404	0.89%	0.089%
38	11.040	1329	1335	1341	rVB9	17480	33719	0.39%	0.039%
39	11.187	1353	1360	1361	rBV5	17318	33528	0.39%	0.039%
40	11.328	1379	1384	1389	rBV2	22026	35067	0.40%	0.040%
41	11.457	1395	1406	1411	rVV6	36406	115177	1.33%	0.132%
42	11.522	1412	1417	1423	rVV10	11498	28186	0.32%	0.032%
43	11.587	1423	1428	1434	rVB8	21895	43597	0.50%	0.050%
44	11.681	1440	1444	1450	rVB8	13305	27195	0.31%	0.031%
45	11.822	1462	1468	1473	rVB3	27504	42033	0.48%	0.048%
46	11.963	1484	1492	1497	rVV	288351	483441	5.57%	0.555%
47	12.004	1497	1499	1505	rVB3	29894	45649	0.53%	0.052%
48	12.122	1513	1519	1525	rBV2	98331	179043	2.06%	0.206%
49	12.228	1526	1537	1545	rVV9	56777	177599	2.05%	0.204%
50	12.334	1551	1555	1561	rVB4	32335	54389	0.63%	0.062%
51	12.393	1561	1565	1576	rVB4	32964	77588	0.89%	0.089%
52	12.504	1579	1584	1588	rVB3	30358	46205	0.53%	0.053%
53	12.563	1588	1594	1599	rBV7	17762	42457	0.49%	0.049%
54	12.616	1599	1603	1607	rBV3	36187	54040	0.62%	0.062%
55	12.657	1608	1610	1616	rVV7	22653	32105	0.37%	0.037%
56	12.722	1616	1621	1625	rVB4	32900	58387	0.67%	0.067%
57	12.804	1631	1635	1639	rBV5	20306	32926	0.38%	0.038%
58	13.175	1690	1698	1708	rBV8	36403	119073	1.37%	0.137%
59	13.269	1709	1714	1718	rVV4	42274	93190	1.07%	0.107%
60	13.310	1718	1721	1728	rVB2	41217	81588	0.94%	0.094%
61	13.522	1751	1757	1761	rBV5	38734	71216	0.82%	0.082%
62	13.645	1774	1778	1781	rBV6	28909	48862	0.56%	0.056%
63	13.693	1782	1786	1798	rVB10	47484	130995	1.51%	0.151%
64	13.828	1800	1809	1811	rBV9	33983	87939	1.01%	0.101%
65	13.875	1812	1817	1822	rVV	1707924	2482012	28.60%	2.852%
66	13.922	1822	1825	1829	rVB	145767	189623	2.18%	0.218%
67	14.034	1837	1844	1848	rBV7	55051	127993	1.47%	0.147%
68	14.163	1856	1866	1878	rVB	1896609	3018024	34.77%	3.468%
69	14.281	1880	1886	1894	rBV2	143519	263261	3.03%	0.302%
70	14.392	1900	1905	1910	rBV3	120255	181213	2.09%	0.208%
71	14.475	1911	1919	1927	rVB	3794910	5808167	66.92%	6.673%

LSC Area Percent Report

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Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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	14.675	1948	1953	1960	rBV	174063	290094	3.34%	0.333%
73	15.004	2007	2009	2013	rVB5	25104	29854	0.34%	0.034%
74	15.216	2039	2045	2052	rBV	1537770	2078744	23.95%	2.388%
75	15.469	2082	2088	2094	rBV	2419962	3529828	40.67%	4.056%
76	15.592	2103	2109	2115	rBV	702219	1000829	11.53%	1.150%
77	15.698	2123	2127	2139	rVB2	137509	274639	3.16%	0.316%
78	15.986	2169	2176	2186	rBV	1502772	2117542	24.40%	2.433%
79	16.157	2197	2205	2211	rBV2	363882	618614	7.13%	0.711%
80	16.316	2228	2232	2237	rBV	75345	101565	1.17%	0.117%
81	16.498	2257	2263	2267	rBV	858332	1170237	13.48%	1.345%
82	16.545	2267	2271	2277	rVB	171482	252074	2.90%	0.290%
83	16.769	2305	2309	2316	rVB	91564	140538	1.62%	0.161%
84	17.034	2350	2354	2359	rVB2	119768	185396	2.14%	0.213%
85	17.233	2382	2388	2396	rVB	4769614	6882719	79.30%	7.908%
86	17.333	2399	2405	2414	rVB	2830835	4092336	47.15%	4.702%
87	18.128	2536	2540	2545	rBV	161552	252336	2.91%	0.290%
88	18.875	2664	2667	2672	rVB2	93146	116628	1.34%	0.134%
89	19.575	2780	2786	2790	rBV	3543589	5142656	59.25%	5.909%
90	19.616	2790	2793	2800	rVB	766921	941005	10.84%	1.081%
91	20.569	2952	2955	2964	rVB2	105046	154506	1.78%	0.178%
92	21.039	3031	3035	3042	rBV2	518090	855199	9.85%	0.983%
93	21.104	3042	3046	3053	rVB	366535	513867	5.92%	0.590%
94	21.322	3078	3083	3090	rBV	6159463	8148918	93.89%	9.363%
95	22.421	3266	3270	3280	rVB2	178739	310093	3.57%	0.356%
96	22.557	3289	3293	3302	rVB	270894	406392	4.68%	0.467%
97	22.963	3358	3362	3368	rVB	151876	226426	2.61%	0.260%
98	23.527	3451	3458	3474	rVB	2679125	5573456	64.22%	6.404%
99	23.680	3476	3484	3495	rVB	4259324	8679077	100.00%	9.972%
100	24.274	3581	3585	3593	rVB	199051	373042	4.30%	0.429%

Sum of corrected areas: 87035269

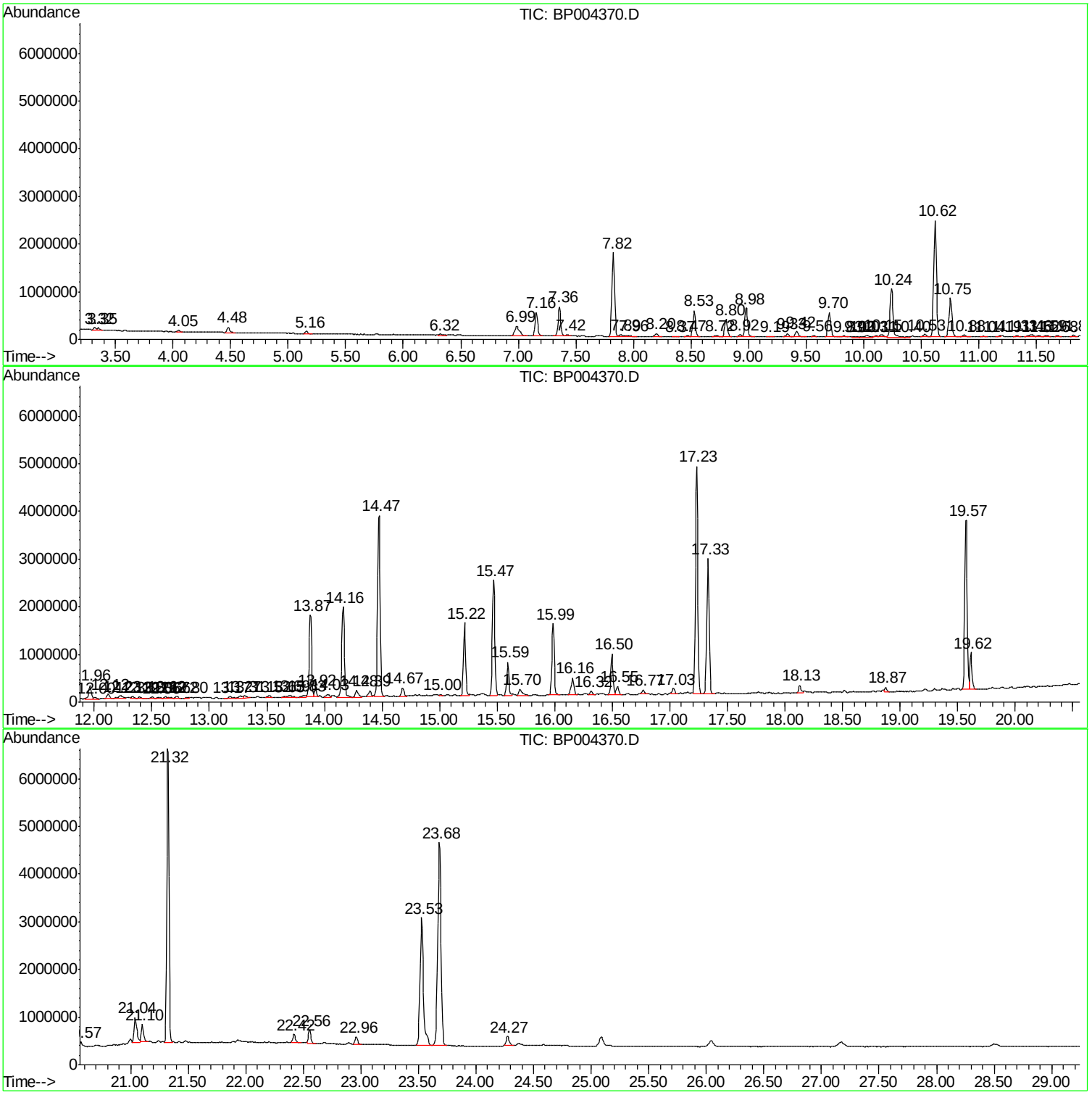
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
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Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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

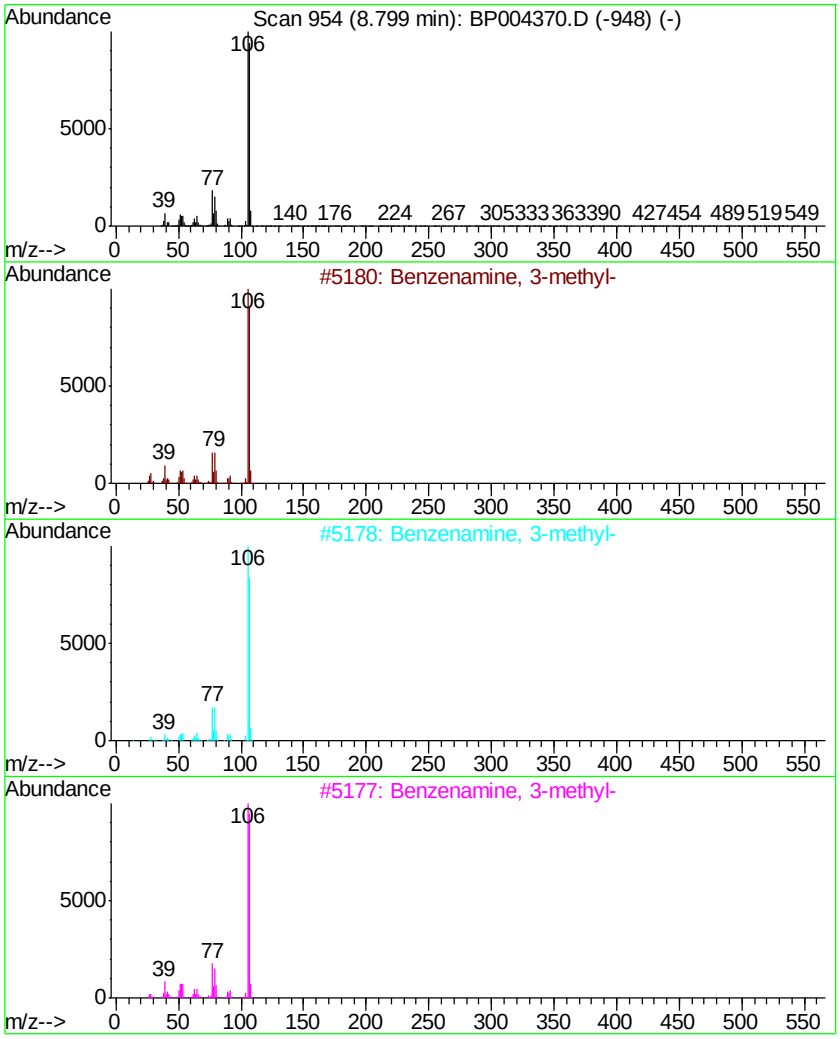
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

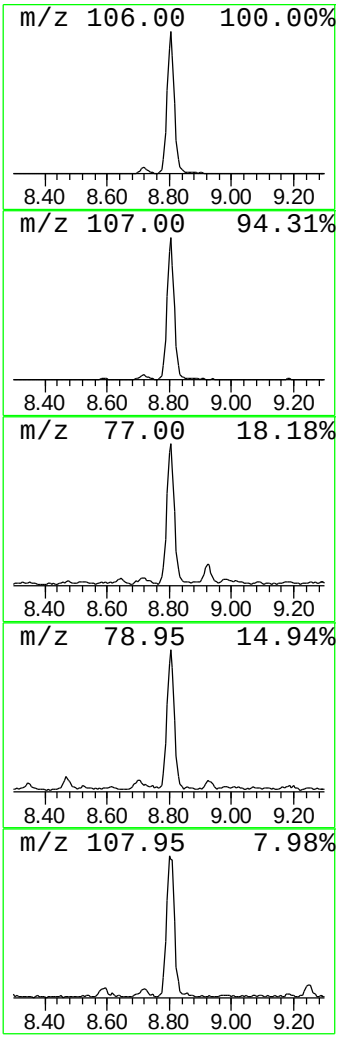
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	4.25 ng/ul	610599	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





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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

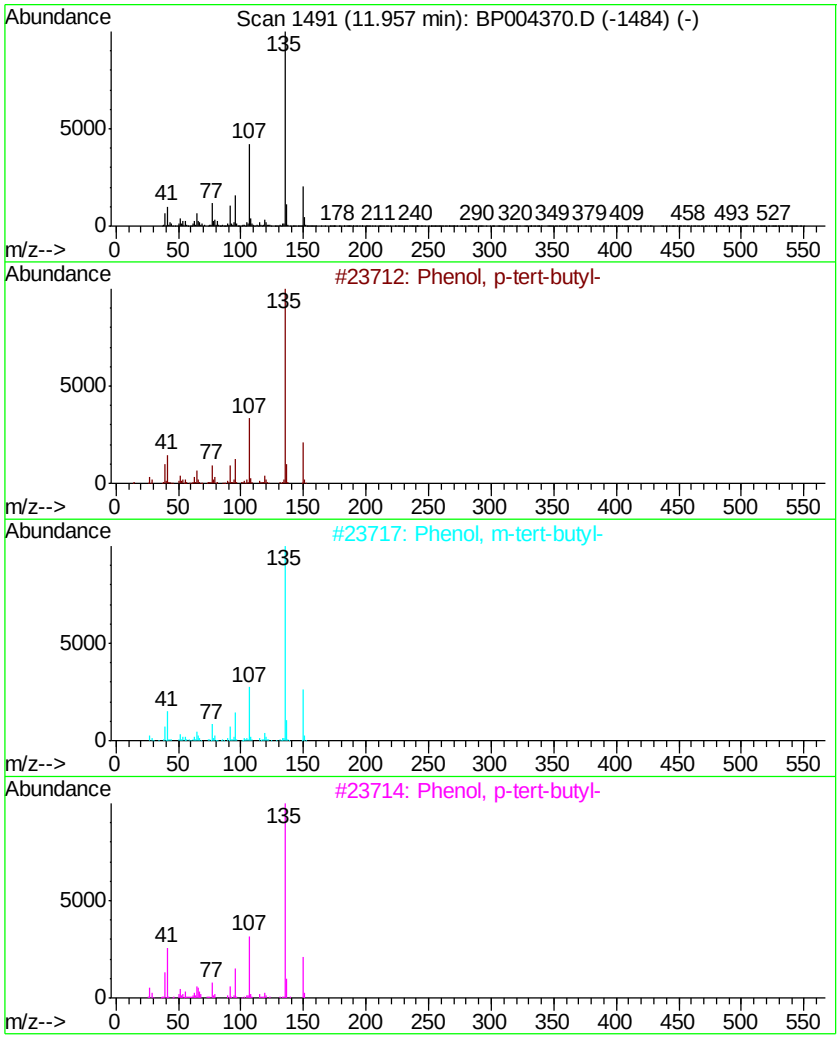
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

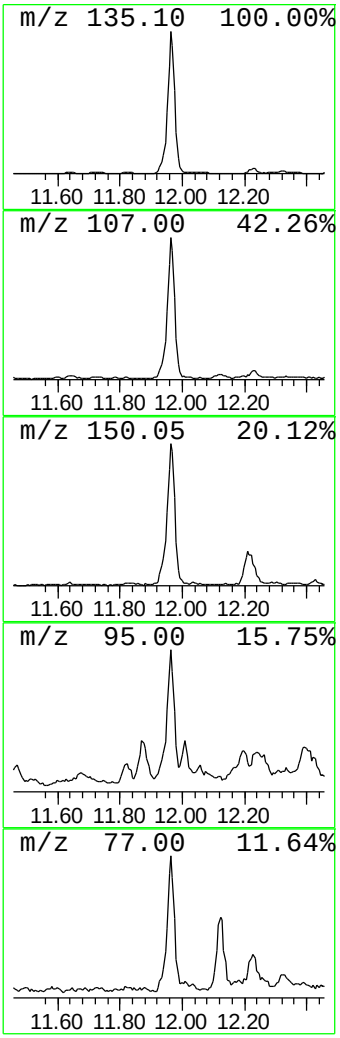
****

Peak Number 2 Phenol, p-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.28 ng/ul	483441	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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

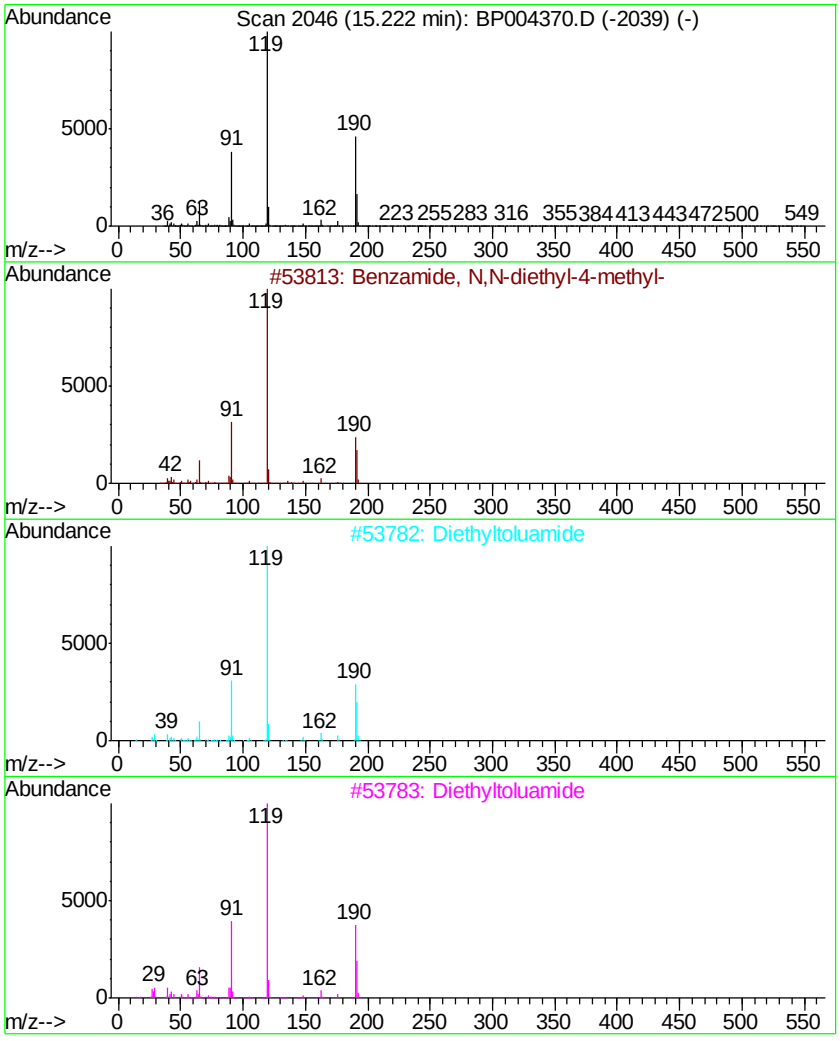
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

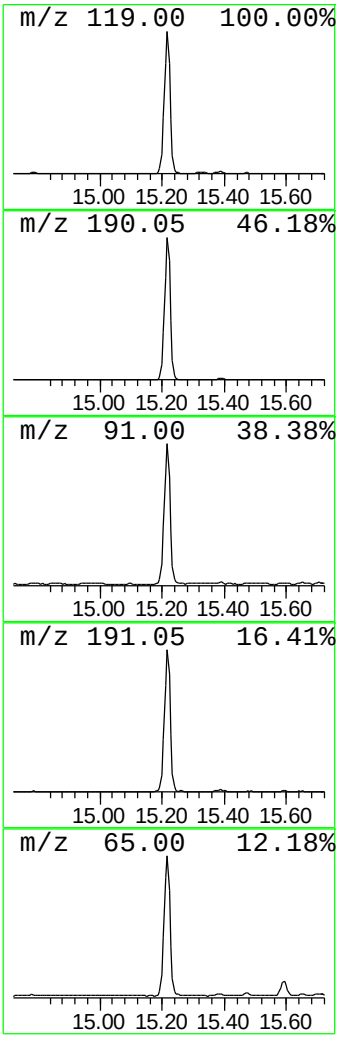
****

Peak Number 3 Benzamide, N,N-diethyl-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	7.16 ng/ul	2078740	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
2	Diethyltoluamide	191	C12H17NO	000134-62-3	81
3	Diethyltoluamide	191	C12H17NO	000134-62-3	60
4	Diethyltoluamide	191	C12H17NO	000134-62-3	60
5	Diethyltoluamide	191	C12H17NO	000134-62-3	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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

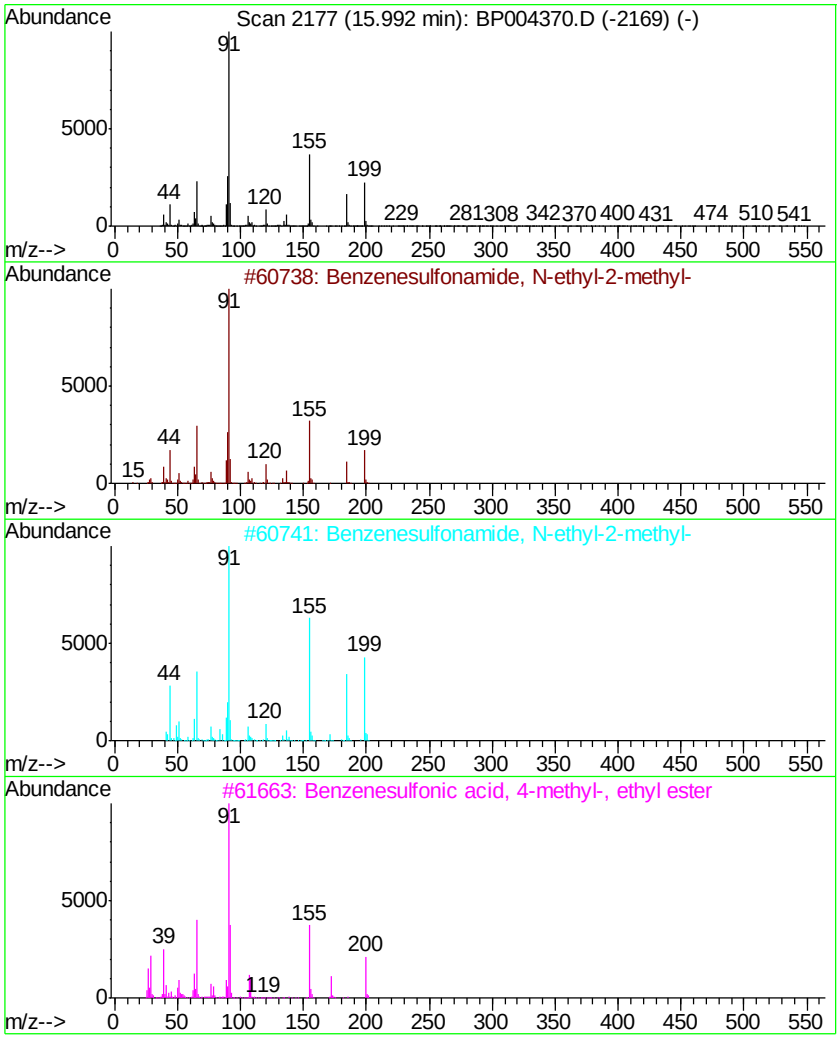
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

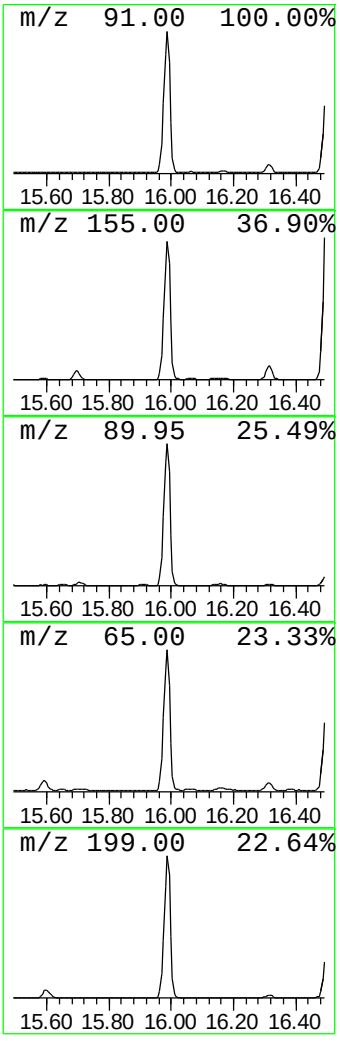
****

Peak Number 4 Benzenesulfonamide, N-ethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	6.15 ng/ul	2117540	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	96
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	52
3	Benzenesulfonic acid, 4-methyl-,...	200	C9H12O3S	000080-40-0	49
4	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	47
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

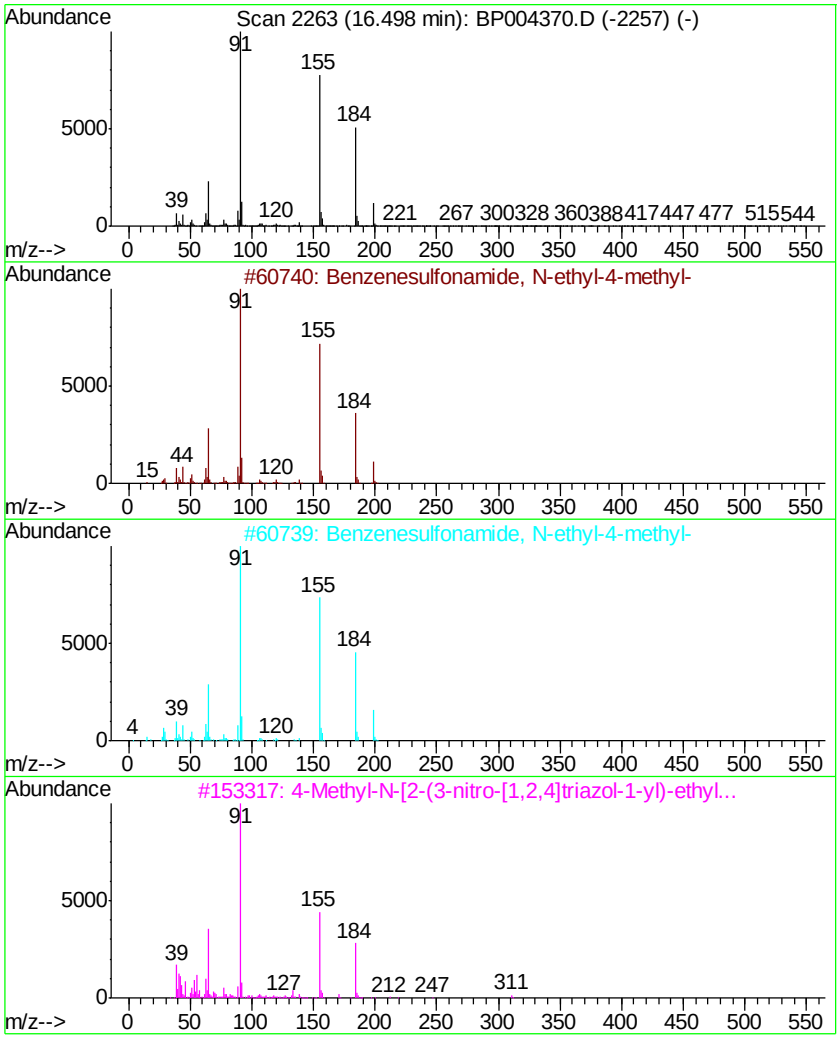
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

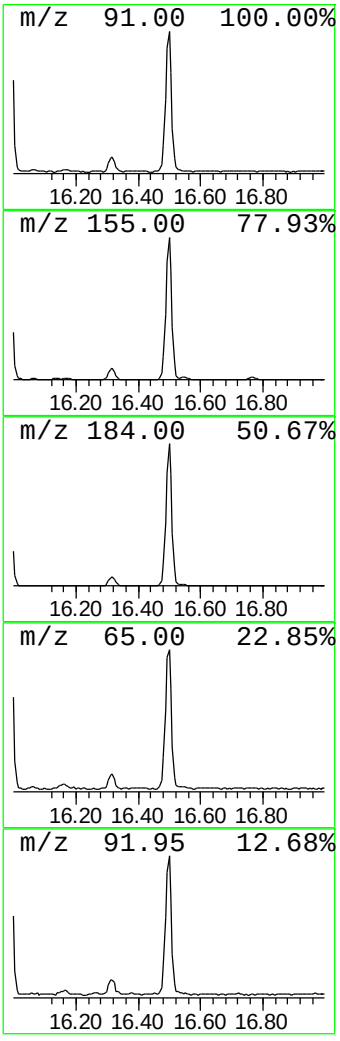
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzenesulfonamide, N-ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.40 ng/ul	1170240	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
3	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83
4	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	78
5	(Toluene-4-sulfonylamino)-acetic...	283	C13H17NO4S	1000190-48-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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

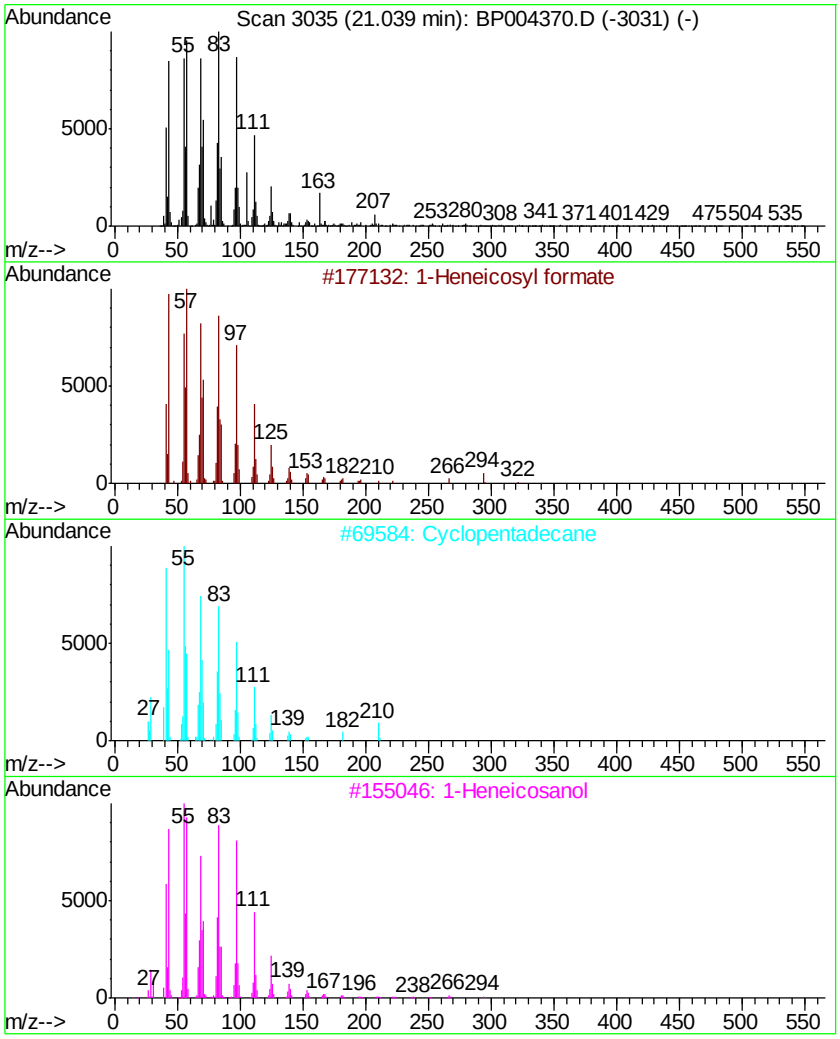
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

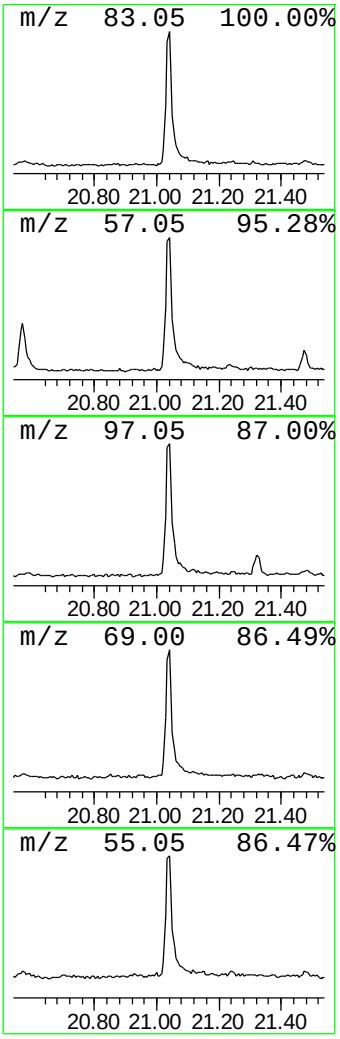
****

Peak Number 6 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.10 ng/ul	855199	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121820\
Data File : BP004370.D
Acq On : 18 Dec 2020 22:32
Operator : CG/JU
Sample : L5128-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8C6

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	4.3	ng/ul	610599	1	7.82	2872690	20.0
Phenol, p-tert-bu...	11.96	2.3	ng/ul	483441	2	10.62	4243870	20.0
Benzamide, N,N-di...	15.22	7.2	ng/ul	2078740	3	14.47	5808170	20.0
Benzenesulfonamid...	15.99	6.2	ng/ul	2117540	4	17.23	6882720	20.0
Benzenesulfonamid...	16.50	3.4	ng/ul	1170240	4	17.23	6882720	20.0
1-Heneicosyl formate	21.04	2.1	ng/ul	855199	5	21.32	8148920	20.0