LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021623\
Data File : BN024054.D
Acq On : 16 Feb 2023 15:01
Operator : CG/JU
Sample : 01534-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B47

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_N\Methods\SFAM-EPA-BN020623.M
Title : SVOA CALIBRATION

Signal : TIC: BN024054.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	19	23	35	rVB	47328	69613	1.23%	0.122%
2	3.652	93	96	121	rBV	226199	393593	6.94%	0.690%
3	3.875	129	134	141	rVB	16171	29193	0.51%	0.051%
4	3.975	146	151	162	rVB	153468	222453	3.92%	0.390%
5	4.087	166	170	175	rVB3	10057	13193	0.23%	0.023%
6	4.352	213	215	220	rVB6	5245	7880	0.14%	0.014%
7	4.458	228	233	236	rVB	11946	14735	0.26%	0.026%
8	4.922	303	312	317	rBV2	23848	52186	0.92%	0.092%
9	5.687	435	442	449	rBV6	3583	7670	0.14%	0.013%
10	5.858	466	471	475	rBV2	12471	21270	0.37%	0.037%
11	5.899	475	478	486	rVB2	10584	16432	0.29%	0.029%
12	6.216	528	532	537	rVB3	9741	15047	0.27%	0.026%
13	6.722	614	618	623	rVB	11981	17434	0.31%	0.031%
14	6.999	658	665	678	rVB	277986	443597	7.82%	0.778%
15	7.163	686	693	705	rBV	665393	993259	17.51%	1.742%
16	7.357	718	726	735	rBV	710032	1087729	19.18%	1.907%
17	7.563	755	761	768	rVB	38018	58118	1.02%	0.102%
18	7.828	798	806	812	rBV	684068	1041819	18.37%	1.827%
19	7.893	812	817	825	rVB	688358	970012	17.10%	1.701%
20	8.546	921	928	940	rBV	664902	1017725	17.94%	1.785%
21	8.999	998	1005	1021	rVB	815735	1270649	22.40%	2.228%
22	9.122	1021	1026	1034	rBV	23123	42415	0.75%	0.074%
23	9.399	1068	1073	1079	rVB2	11808	20239	0.36%	0.035%
24	9.722	1121	1128	1141	rBV	679274	1062513	18.73%	1.863%
25	9.887	1152	1156	1164	rBV2	36242	65539	1.16%	0.115%
26	10.257	1212	1219	1230	rBV	1011050	1580156	27.86%	2.771%
27	10.422	1241	1247	1254	rBV4	10359	18936	0.33%	0.033%
28	10.634	1276	1283	1291	rBV	946272	1569560	27.67%	2.752%
29	10.781	1301	1308	1323	rBV	795553	1322453	23.31%	2.319%
30	11.187	1372	1377	1382	rVB6	9625	17027	0.30%	0.030%
31	11.298	1391	1396	1404	rVB	29958	53647	0.95%	0.094%
32	11.440	1415	1420	1423	rBV5	4350	7784	0.14%	0.014%
33	11.634	1447	1453	1463	rVB10	6643	16297	0.29%	0.029%
34	11.898	1494	1498	1504	rVB3	5355	9005	0.16%	0.016%
35	11.963	1504	1509	1513	rVB3	4696	7206	0.13%	0.013%
36	12.045	1516	1523	1529	rBV6	5376	12028	0.21%	0.021%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_N
ClientSampleId :
C0B47

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_N\Methods\SFAM-EPA-BN020623.M
Title : SVOA CALIBRATION

37	12.140	1535	1539	1546	rBV	7061	11769	0.21%	0.021%
38	12.228	1549	1554	1559	rVB2	18113	28608	0.50%	0.050%
39	12.434	1585	1589	1595	rVB5	5632	9090	0.16%	0.016%
40	13.010	1681	1687	1693	rVB7	5102	8538	0.15%	0.015%
41	13.210	1714	1721	1727	rBV10	5130	11094	0.20%	0.019%
42	13.298	1732	1736	1741	rVV2	12408	16679	0.29%	0.029%
43	13.381	1745	1750	1754	rVB6	3623	5674	0.10%	0.010%
44	13.898	1830	1838	1845	rBV	1916036	2618019	46.15%	4.591%
45	13.951	1845	1847	1851	rVV5	6062	8172	0.14%	0.014%
46	14.010	1851	1857	1865	rVV5	18083	25172	0.44%	0.044%
47	14.081	1865	1869	1874	rVV	23076	31172	0.55%	0.055%
48	14.128	1874	1877	1879	rVV3	4872	7138	0.13%	0.013%
49	14.175	1879	1885	1896	rVV	2121810	2981686	52.57%	5.228%
50	14.275	1899	1902	1908	rVB	10818	17342	0.31%	0.030%
51	14.369	1916	1918	1924	rVB3	9870	12379	0.22%	0.022%
52	14.481	1931	1937	1946	rBV	1486592	2188482	38.58%	3.837%
53	14.563	1946	1951	1953	rBV4	7804	11273	0.20%	0.020%
54	14.698	1968	1974	1979	rBV	277535	447695	7.89%	0.785%
55	14.739	1979	1981	1986	rVB	37586	41353	0.73%	0.073%
56	14.904	2004	2009	2013	rBV6	10046	16678	0.29%	0.029%
57	15.322	2075	2080	2084	rVB5	4856	9300	0.16%	0.016%
58	15.481	2097	2107	2114	rBV	2685376	3875475	68.32%	6.796%
59	15.604	2119	2128	2138	rVV	1104339	1490504	26.28%	2.614%
60	15.692	2141	2143	2144	rVV	9630	7886	0.14%	0.014%
61	15.716	2144	2147	2152	rVB	13800	20205	0.36%	0.035%
62	15.845	2163	2169	2182	rVB	2069283	2656248	46.83%	4.658%
63	16.257	2237	2239	2244	rVB6	6865	7508	0.13%	0.013%
64	16.369	2254	2258	2259	rBV4	4074	5780	0.10%	0.010%
65	16.410	2259	2265	2273	rVV	283725	370407	6.53%	0.649%
66	16.557	2281	2290	2294	rBV	9444	20663	0.36%	0.036%
67	16.639	2300	2304	2310	rBV8	8577	15670	0.28%	0.027%
68	16.910	2347	2350	2358	rVB8	6362	10232	0.18%	0.018%
69	17.039	2370	2372	2375	rVV4	7667	8225	0.15%	0.014%
70	17.080	2375	2379	2383	rVV	11082	14031	0.25%	0.025%
71	17.145	2387	2390	2394	rVV6	5856	8866	0.16%	0.016%
72	17.233	2398	2405	2414	rVV	2115917	2780189	49.01%	4.875%
73	17.333	2415	2422	2433	rVV	3281367	4602164	81.13%	8.070%
74	17.416	2433	2436	2445	rVB3	34679	56404	0.99%	0.099%
75	17.516	2450	2453	2459	rVB	26705	34302	0.60%	0.060%
76	17.622	2464	2471	2477	rBV6	24438	52338	0.92%	0.092%

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ClientSampleId :
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Integration Parameters: LSCINT.P
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Title : SVOA CALIBRATION

77	17.775	2493	2497	2501	rBV3	21109	28367	0.50%	0.050%
78	17.863	2506	2512	2516	rBV	63751	82144	1.45%	0.144%
79	17.898	2516	2518	2522	rVB4	8050	8826	0.16%	0.015%
80	17.939	2522	2525	2531	rVB7	10337	14730	0.26%	0.026%
81	18.010	2533	2537	2540	rBV6	6583	10489	0.18%	0.018%
82	18.127	2551	2557	2564	rBV2	243018	378847	6.68%	0.664%
83	18.204	2565	2570	2583	rVB	539080	667398	11.77%	1.170%
84	18.422	2604	2607	2611	rVB5	8837	12442	0.22%	0.022%
85	18.557	2627	2630	2633	rBV3	19811	21563	0.38%	0.038%
86	18.904	2684	2689	2693	rBV7	12579	20827	0.37%	0.037%
87	19.051	2712	2714	2717	rVB4	8483	8760	0.15%	0.015%
88	19.192	2733	2738	2744	rBV2	50697	78731	1.39%	0.138%
89	19.263	2746	2750	2754	rBV	52318	75426	1.33%	0.132%
90	19.410	2771	2775	2783	rBV3	60361	99408	1.75%	0.174%
91	19.557	2797	2800	2803	rBV4	10416	12255	0.22%	0.021%
92	19.627	2806	2812	2819	rBV2	4203634	5672347	100.00%	9.946%
93	21.133	3064	3068	3079	rBV	273034	443574	7.82%	0.778%
94	21.427	3112	3118	3125	rBV	2509683	3098220	54.62%	5.433%
95	23.662	3491	3498	3513	rVB2	2543252	5188694	91.47%	9.098%
96	23.810	3516	3523	3538	rVB	1630666	2993824	52.78%	5.250%

Sum of corrected areas: 57029694

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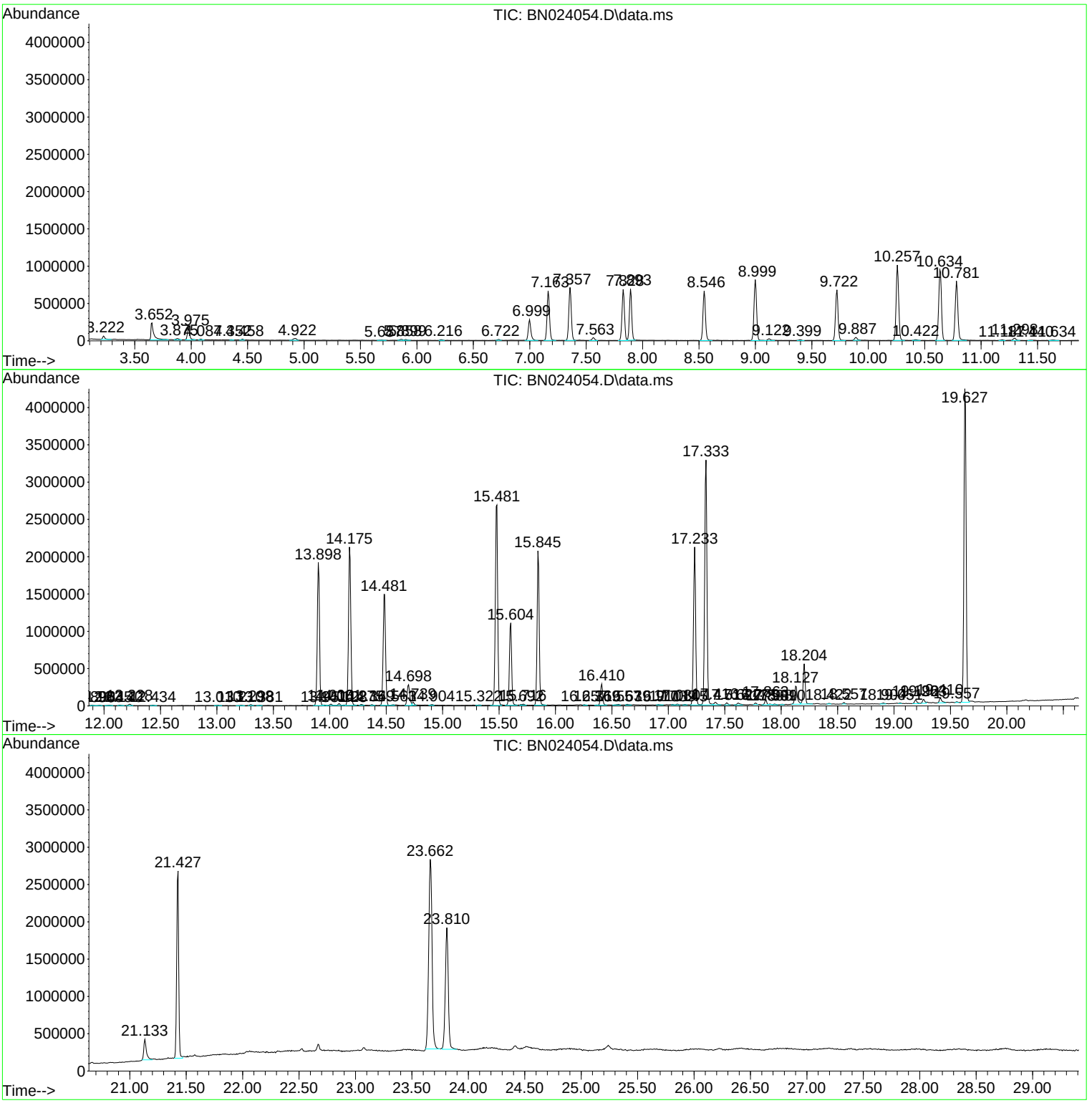
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

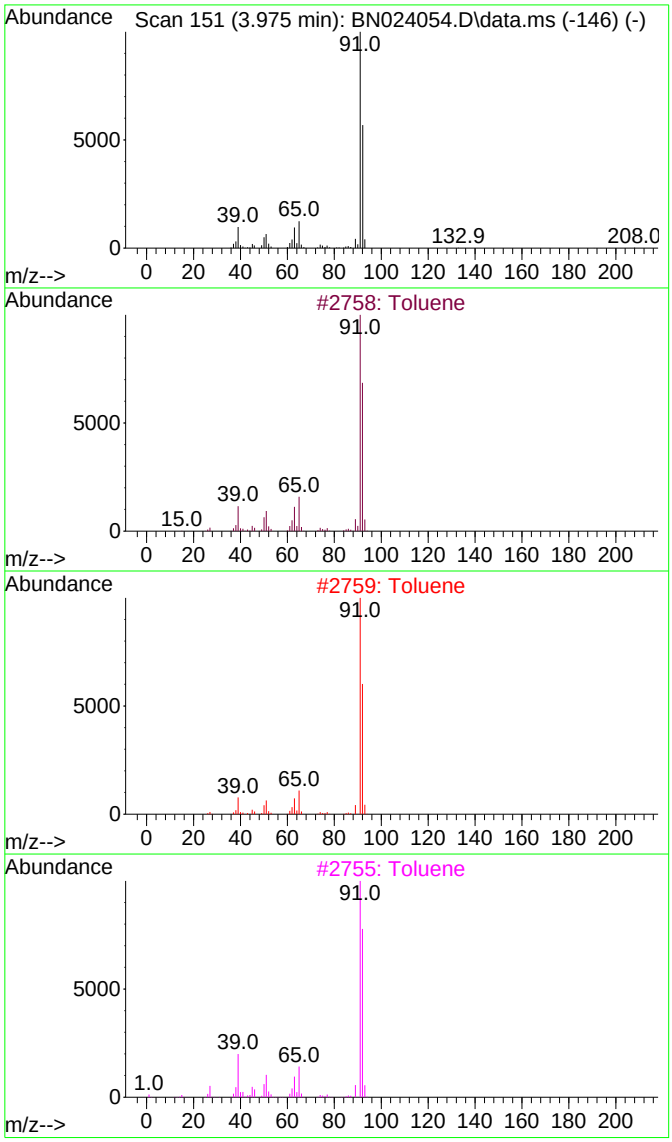
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

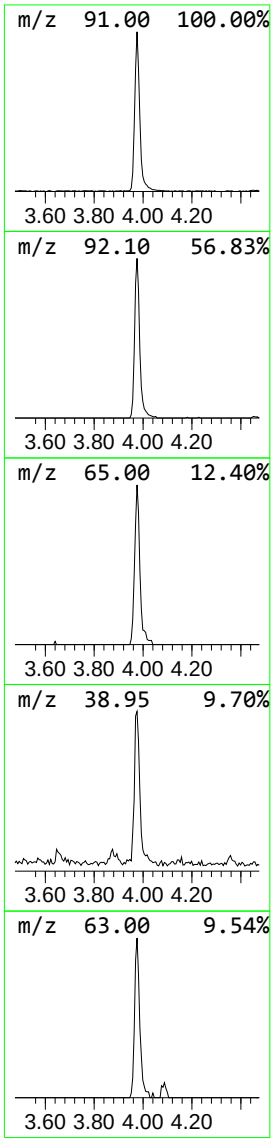
****

Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.975	4.27 ng/ul	222453	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90





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Data File : BN024054.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

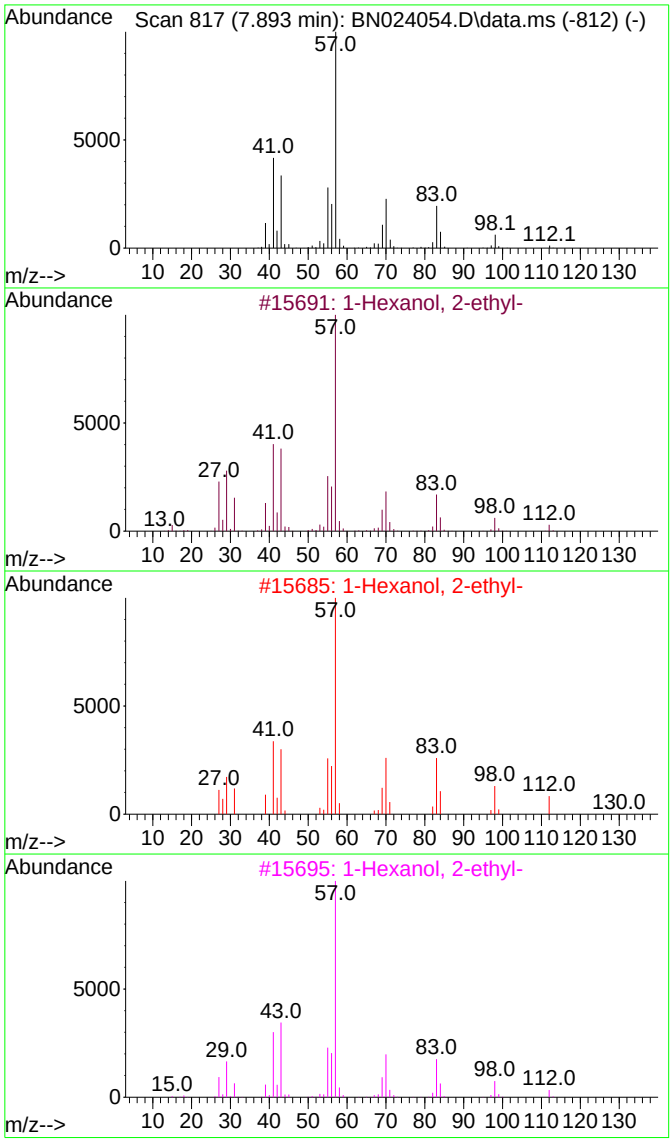
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

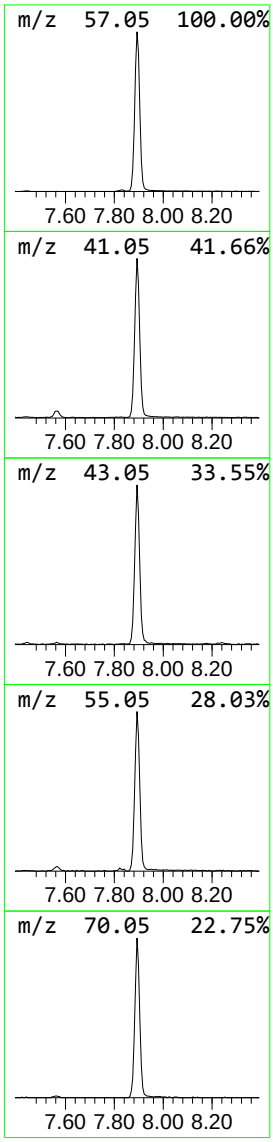
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.893	18.62 ng/ul	970012	1,4-Dichlorobenzene-d4	7.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59





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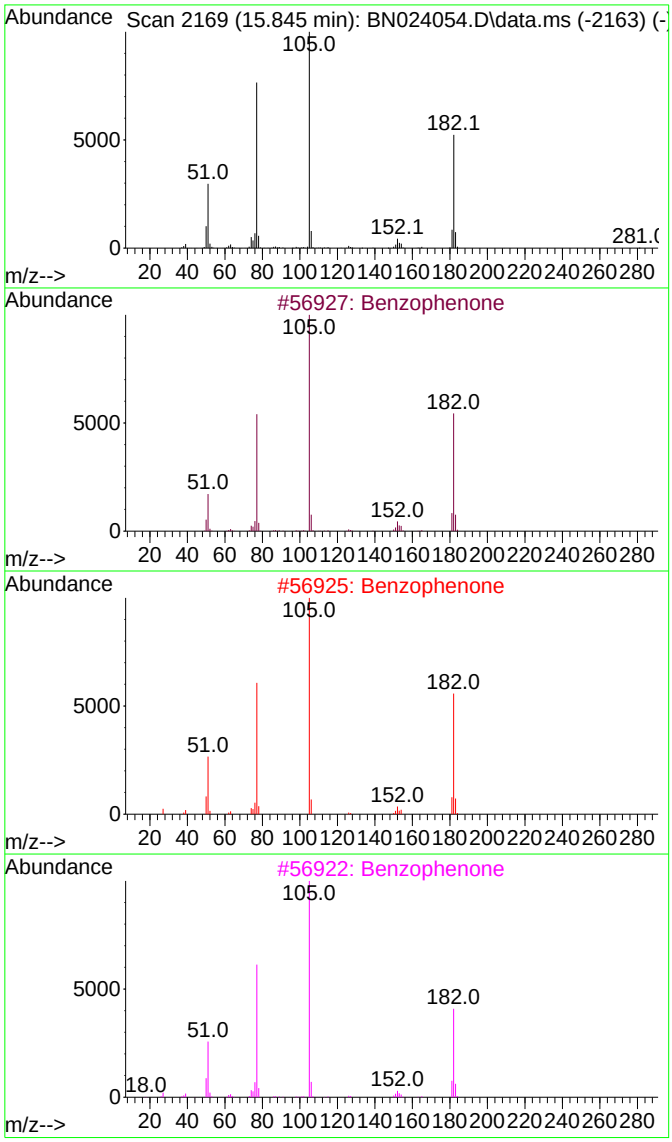
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

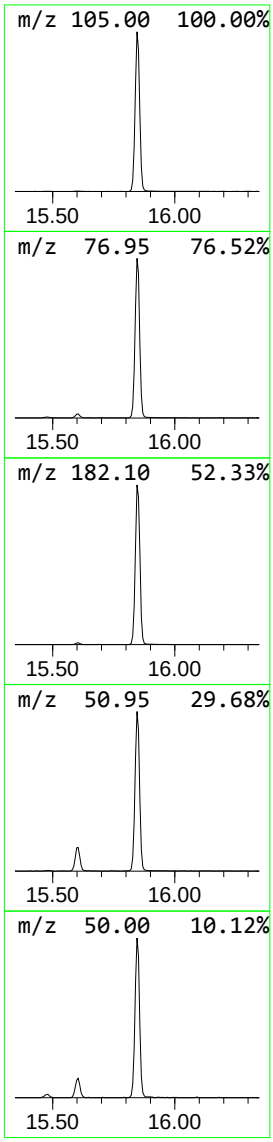
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	24.27 ng/ul	2656250	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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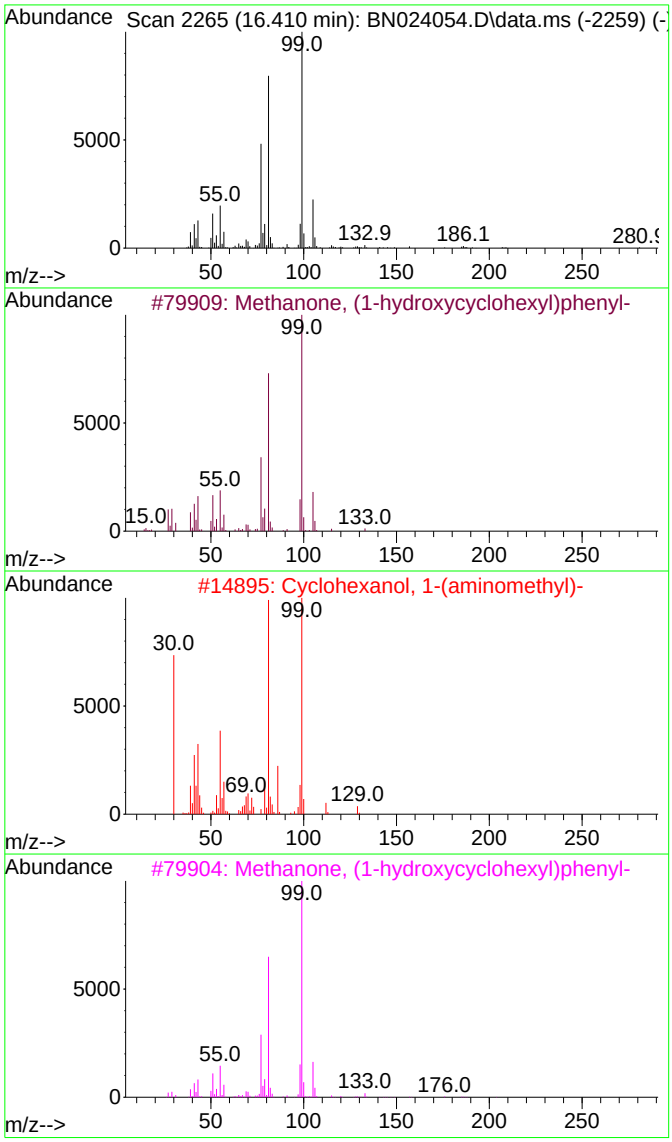
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

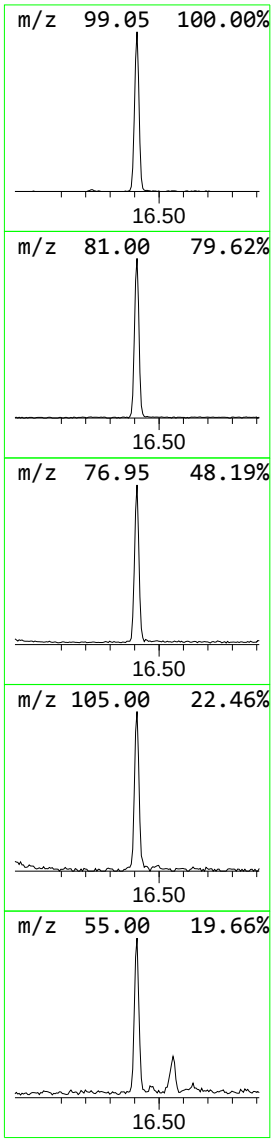
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Methanone, (1-hydroxycycloh... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	2.66 ng/ul	370407	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	80
2	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	53
3	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	49
4	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	42
5	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	40





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

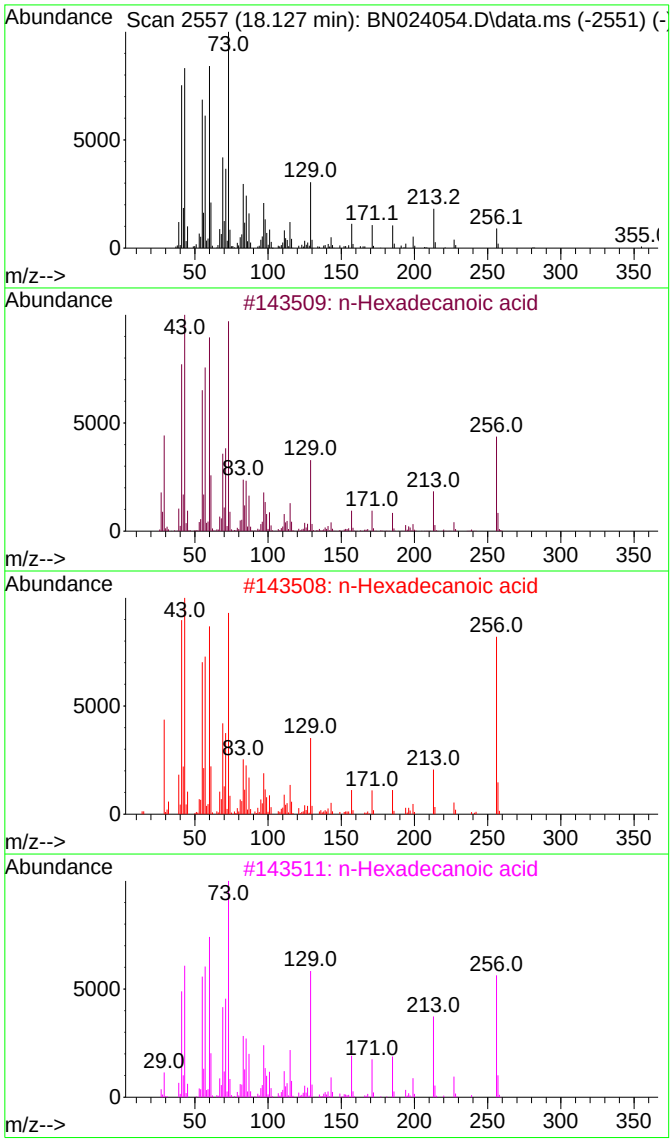
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

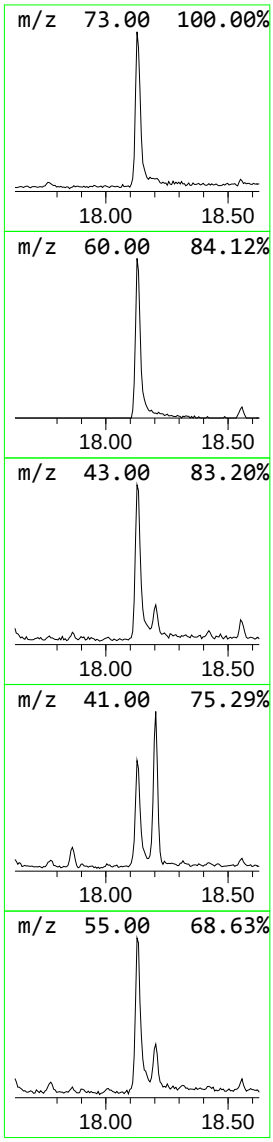
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	2.73 ng/ul	378847	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	95





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Sample : 01534-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B47

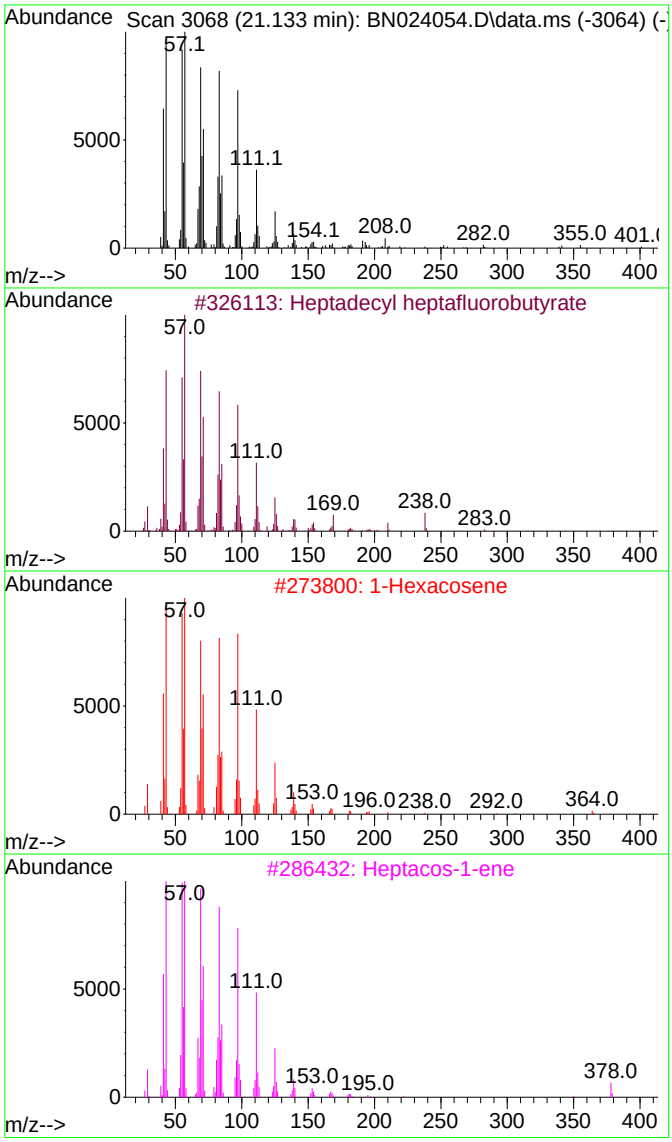
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

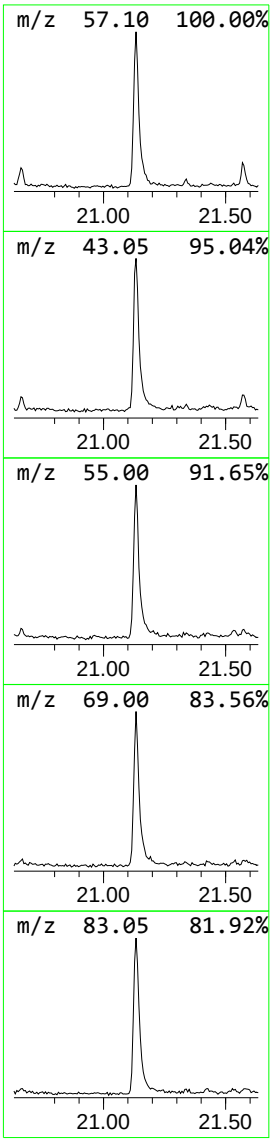
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	2.86 ng/ul	443574	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Heptacos-1-ene	378	C27H54	015306-27-1	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021623\
Data File : BN024054.D
Acq On : 16 Feb 2023 15:01
Operator : CG/JU
Sample : 01534-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B47

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	3.975	4.3	ng/ul	222453	1	7.828	1041820	20.0
1-Hexanol, 2-et...	7.893	18.6	ng/ul	970012	1	7.828	1041820	20.0
Benzophenone	15.845	24.3	ng/ul	2656250	3	14.486	2188480	20.0
Methanone, (1-h...	16.410	2.7	ng/ul	370407	4	17.233	2780190	20.0
n-Hexadecanoic ...	18.128	2.7	ng/ul	378847	4	17.233	2780190	20.0
Heptadecyl hept...	21.133	2.9	ng/ul	443574	5	21.427	3098220	20.0