LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030702.D
Acq On : 30 Jun 2021 13:14
Operator : CG/JU
Sample : M2888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H6

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_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030702.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	28	31	39	rVB	14131	20283	0.96%	0.085%
2	3.693	101	103	122	rBV	68968	179674	8.54%	0.754%
3	3.993	149	154	162	rVB	42932	63993	3.04%	0.268%
4	4.216	188	192	205	rVB2	9132	16207	0.77%	0.068%
5	4.357	209	216	225	rVB2	18031	34578	1.64%	0.145%
6	4.546	244	248	255	rVB	8947	13497	0.64%	0.057%
7	5.304	370	377	383	rBV3	8183	12663	0.60%	0.053%
8	5.440	394	400	408	rBV2	16816	39243	1.87%	0.165%
9	5.804	455	462	466	rBV2	21792	34890	1.66%	0.146%
10	5.851	466	470	479	rVB	14236	22697	1.08%	0.095%
11	6.469	571	575	580	rVB2	7049	10376	0.49%	0.044%
12	6.945	648	656	666	rVB	238636	403545	19.19%	1.693%
13	7.116	679	685	699	rVB	174184	288408	13.72%	1.210%
14	7.310	711	718	728	rBV	235104	388114	18.46%	1.628%
15	7.398	728	733	741	rVB2	7982	14463	0.69%	0.061%
16	7.475	741	746	753	rBV2	11431	17660	0.84%	0.074%
17	7.781	790	798	806	rBV	352591	572606	27.23%	2.402%
18	7.845	806	809	816	rVV5	5060	7936	0.38%	0.033%
19	7.916	816	821	825	rVB3	4215	7638	0.36%	0.032%
20	8.481	910	917	929	rBV	263438	436120	20.74%	1.829%
21	8.610	934	939	948	rVB3	7357	14246	0.68%	0.060%
22	8.934	988	994	1002	rVV	211019	362091	17.22%	1.519%
23	8.998	1002	1005	1010	rVV2	6291	9765	0.46%	0.041%
24	9.098	1017	1022	1031	rVB	56864	90066	4.28%	0.378%
25	9.345	1056	1064	1069	rBV3	5894	9204	0.44%	0.039%
26	9.651	1107	1116	1132	rBV	170073	296572	14.10%	1.244%
27	10.186	1201	1207	1222	rBV	245952	448901	21.35%	1.883%
28	10.563	1264	1271	1277	rBV	484110	824429	39.21%	3.458%
29	10.616	1277	1280	1284	rVB	13789	20395	0.97%	0.086%
30	10.704	1284	1295	1311	rBV	222887	440685	20.96%	1.849%
31	11.663	1453	1458	1466	rVB2	13307	25170	1.20%	0.106%
32	11.828	1479	1486	1493	rVV6	8659	19884	0.95%	0.083%
33	11.986	1508	1513	1518	rVB5	5353	8582	0.41%	0.036%
34	12.233	1548	1555	1564	rBV	10646	20060	0.95%	0.084%
35	13.133	1703	1708	1713	rBV5	5430	9211	0.44%	0.039%
36	13.233	1720	1725	1730	rBV3	8401	12790	0.61%	0.054%

LSC Area Percent Report

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Sample : M2888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H6

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_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

37	13.733	1798	1810	1816	rBV	137276	204081	9.71%	0.856%
38	13.821	1816	1825	1835	rVV	470893	698649	33.22%	2.931%
39	14.098	1862	1872	1884	rBV	524822	832153	39.57%	3.491%
40	14.251	1892	1898	1901	rBV5	4991	9237	0.44%	0.039%
41	14.310	1905	1908	1910	rVV2	9586	11597	0.55%	0.049%
42	14.339	1910	1913	1917	rVV6	6580	8014	0.38%	0.034%
43	14.410	1917	1925	1931	rVV	762751	1133926	53.92%	4.757%
44	14.474	1931	1936	1945	rVB4	24952	42079	2.00%	0.177%
45	14.610	1950	1959	1966	rBV	104228	223296	10.62%	0.937%
46	14.727	1975	1979	1985	rVB3	34984	63525	3.02%	0.266%
47	14.810	1988	1993	1994	rBV	10124	11646	0.55%	0.049%
48	14.839	1994	1998	2001	rVB4	14161	21317	1.01%	0.089%
49	14.939	2010	2015	2021	rVB5	4665	7751	0.37%	0.033%
50	15.074	2033	2038	2041	rBV6	13594	18994	0.90%	0.080%
51	15.345	2078	2084	2088	rBV2	65369	99314	4.72%	0.417%
52	15.398	2088	2093	2100	rBV	708303	1036135	49.27%	4.346%
53	15.527	2109	2115	2128	rBV	127757	221880	10.55%	0.931%
54	15.639	2130	2134	2145	rVB5	15121	27066	1.29%	0.114%
55	15.745	2147	2152	2160	rVB8	9230	20016	0.95%	0.084%
56	15.821	2160	2165	2168	rBV2	26949	36117	1.72%	0.152%
57	15.880	2170	2175	2182	rVB2	47881	76600	3.64%	0.321%
58	15.968	2184	2190	2199	rBV6	14204	27060	1.29%	0.114%
59	16.121	2207	2216	2223	rVV2	36144	66071	3.14%	0.277%
60	16.180	2223	2226	2231	rVB6	5535	7416	0.35%	0.031%
61	16.686	2307	2312	2316	rBV6	4896	7341	0.35%	0.031%
62	16.804	2328	2332	2339	rVB6	7918	16910	0.80%	0.071%
63	16.910	2339	2350	2352	rBV6	12963	30717	1.46%	0.129%
64	16.962	2356	2359	2364	rVB2	9865	12973	0.62%	0.054%
65	17.145	2384	2390	2395	rBV	933879	1367381	65.03%	5.736%
66	17.186	2395	2397	2402	rVV	144435	182322	8.67%	0.765%
67	17.245	2402	2407	2417	rVV	797292	1156967	55.02%	4.853%
68	17.345	2419	2424	2428	rVB8	6958	12099	0.58%	0.051%
69	17.551	2455	2459	2466	rBV	7868	13656	0.65%	0.057%
70	17.639	2471	2474	2478	rBV4	7815	8950	0.43%	0.038%
71	17.815	2500	2504	2509	rBV	31584	37118	1.77%	0.156%
72	18.033	2535	2541	2544	rVV2	36794	73683	3.50%	0.309%
73	18.068	2544	2547	2551	rVV	35980	52715	2.51%	0.221%
74	18.209	2566	2571	2575	rBV3	28382	48345	2.30%	0.203%
75	18.333	2588	2592	2596	rBV4	11141	17618	0.84%	0.074%
76	18.521	2620	2624	2629	rBV	15780	24334	1.16%	0.102%

LSC Area Percent Report

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Acq On : 30 Jun 2021 13:14
Operator : CG/JU
Sample : M2888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H6

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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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

77	18.856	2678	2681	2686	rVB	26375	33051	1.57%	0.139%
78	18.939	2691	2695	2697	rBV	17956	26639	1.27%	0.112%
79	18.986	2697	2703	2709	rVB5	31363	61514	2.93%	0.258%
80	19.086	2715	2720	2725	rBV4	11102	23835	1.13%	0.100%
81	19.198	2734	2739	2746	rVB	239686	331646	15.77%	1.391%
82	19.262	2747	2750	2754	rBV5	9030	9151	0.44%	0.038%
83	19.315	2756	2759	2762	rBV4	13596	17086	0.81%	0.072%
84	19.533	2790	2796	2809	rBV2	1036475	1671532	79.49%	7.012%
85	19.633	2811	2813	2818	rVB4	13289	19197	0.91%	0.081%
86	19.745	2829	2832	2838	rVB2	12743	18056	0.86%	0.076%
87	19.927	2860	2863	2867	rVB	57372	67856	3.23%	0.285%
88	20.074	2882	2888	2893	rVB4	66434	117768	5.60%	0.494%
89	20.356	2933	2936	2940	rBV3	23980	31482	1.50%	0.132%
90	20.715	2995	2997	3000	rBV	29111	29765	1.42%	0.125%
91	20.874	3019	3024	3032	rVB	1934978	2102841	100.00%	8.821%
92	21.033	3047	3051	3057	rVB2	114815	168332	8.00%	0.706%
93	21.233	3082	3085	3090	rVB	72473	79613	3.79%	0.334%
94	21.321	3093	3100	3104	rBV	1256159	1785221	84.90%	7.489%
95	21.356	3104	3106	3114	rVB	131548	161808	7.69%	0.679%
96	21.921	3196	3202	3209	rBV3	142693	275255	13.09%	1.155%
97	22.880	3360	3365	3369	rBV2	360769	623764	29.66%	2.617%
98	23.433	3453	3459	3475	rVB	573643	1259553	59.90%	5.284%
99	23.574	3477	3483	3491	rVB2	706106	1329037	63.20%	5.575%
100	24.103	3568	3573	3580	rVB	229497	431629	20.53%	1.811%

Sum of corrected areas: 23839342

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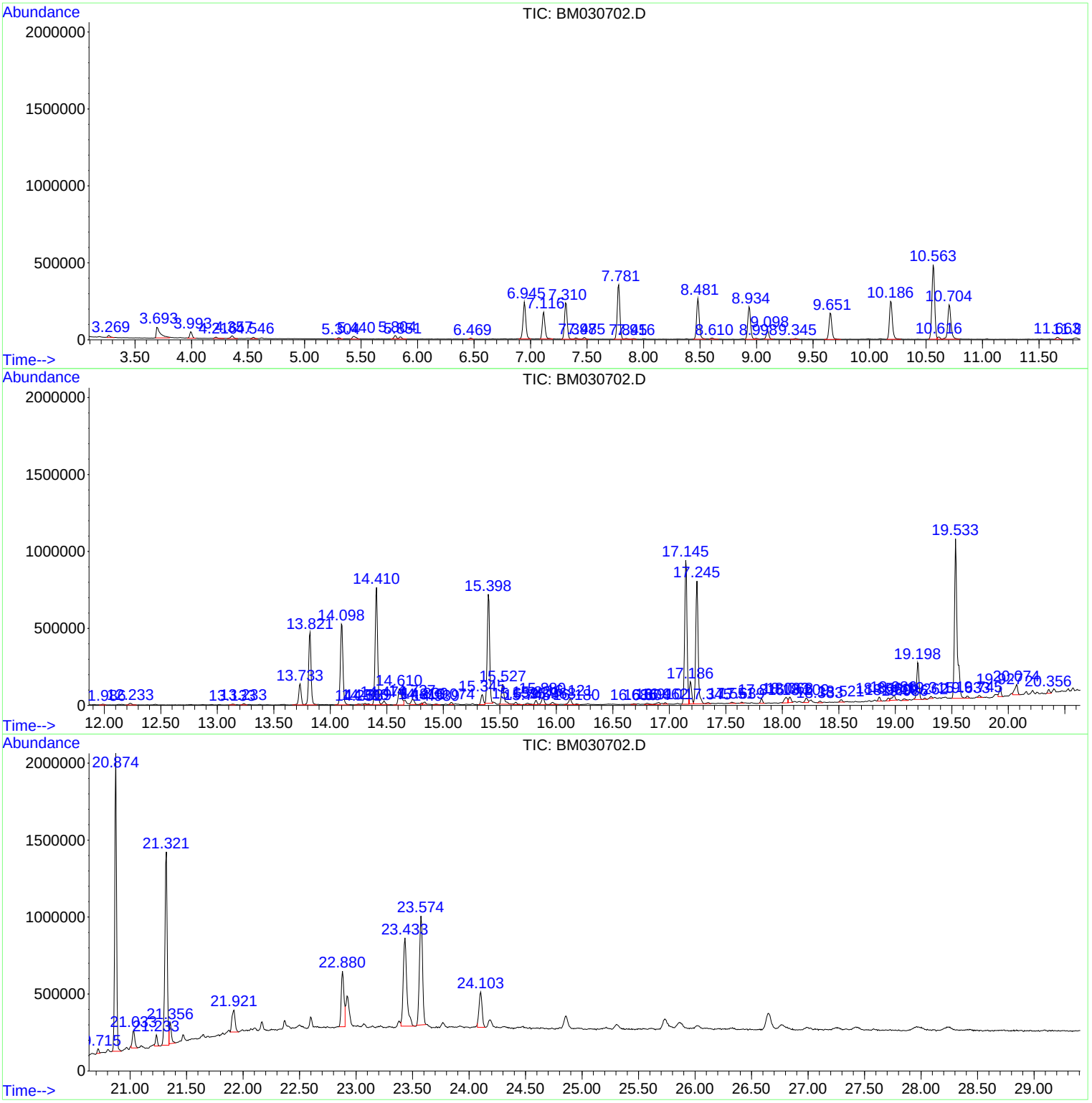
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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



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Data File : BM030702.D
Acq On : 30 Jun 2021 13:14
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Sample : M2888-02
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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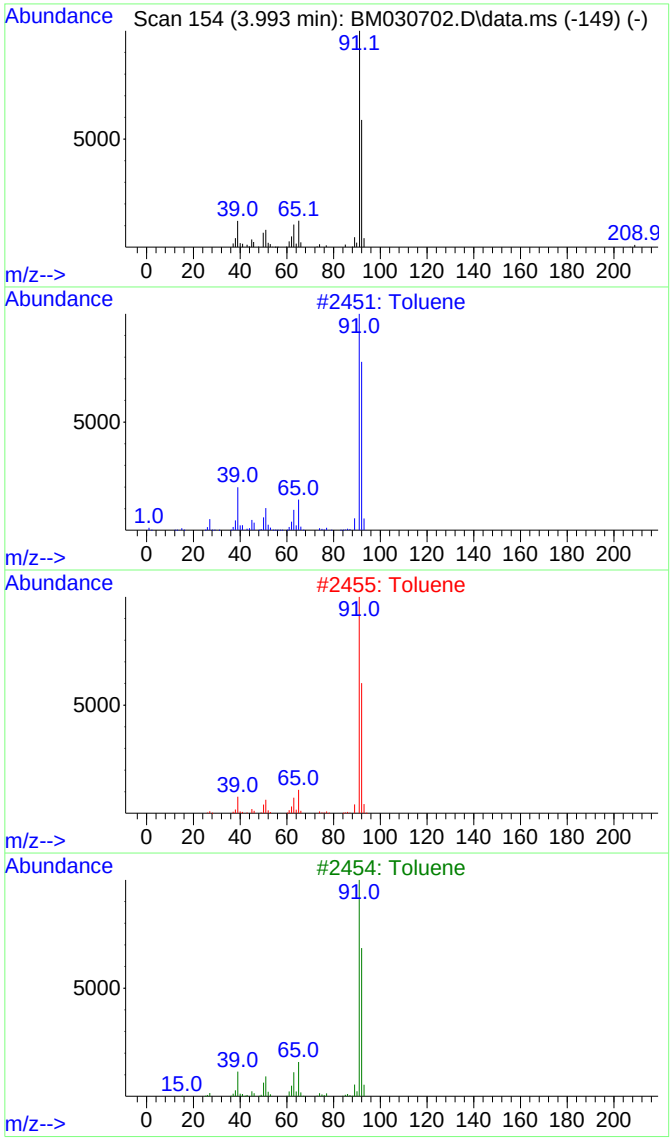
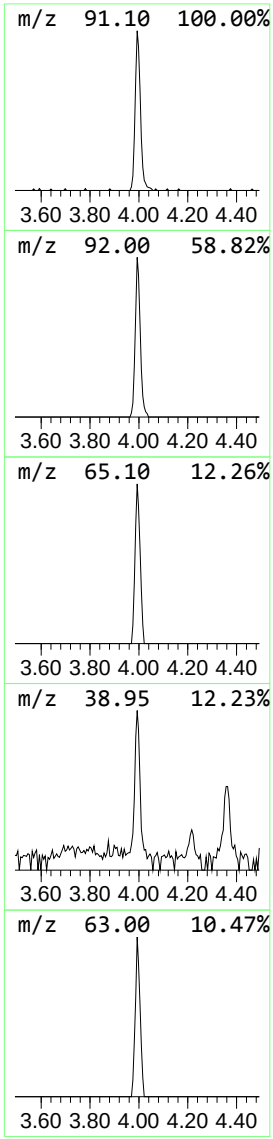
Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.990	2.24 ng/ul	63993	1,4-Dichlorobenzene-d4	7.781

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	90
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030702.D
Acq On : 30 Jun 2021 13:14
Operator : CG/JU
Sample : M2888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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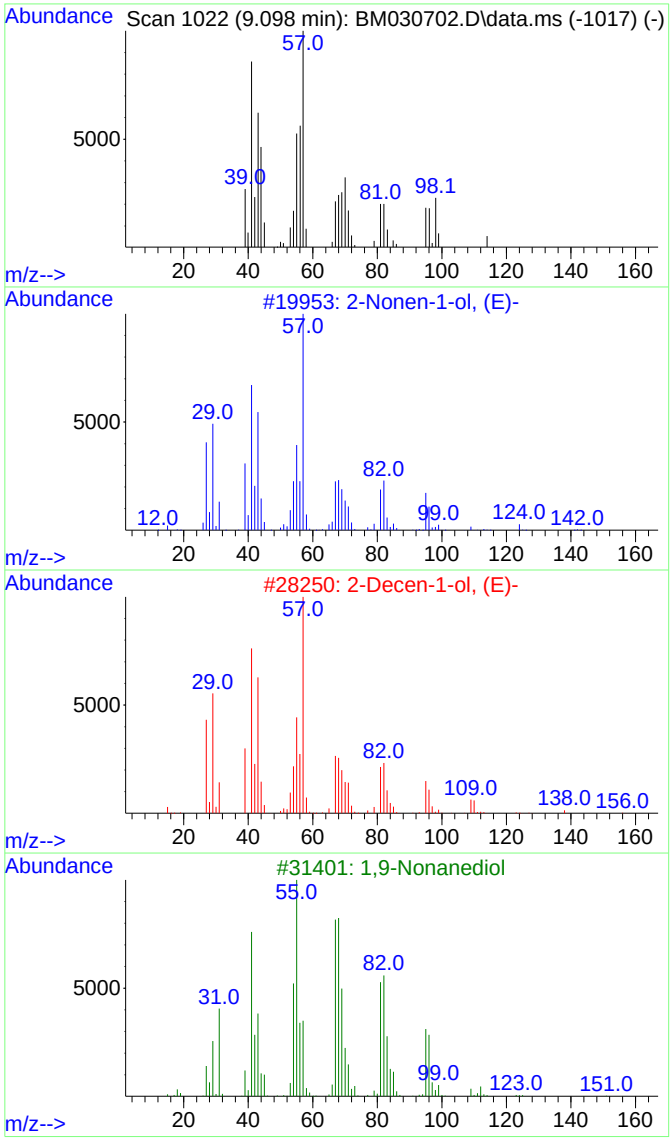
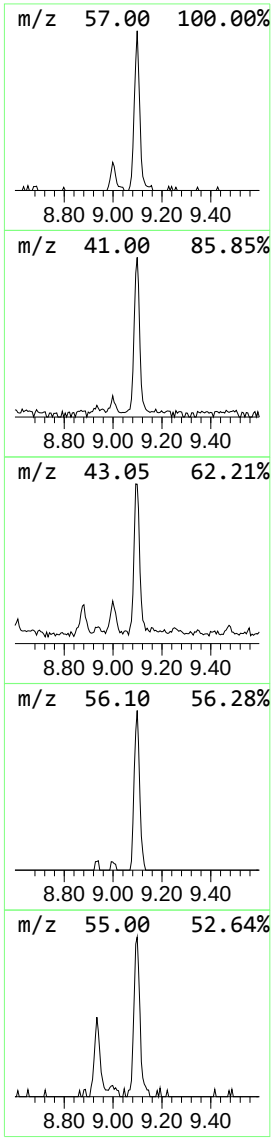
Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.100	3.15 ng/ul	90066	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	35
2	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	35
3	1,9-Nonanediol	160	C9H20O2	003937-56-2	27
4	Cyclohexanol	100	C6H12O	000108-93-0	27
5	(Z)-2-Heptene	98	C7H14	006443-92-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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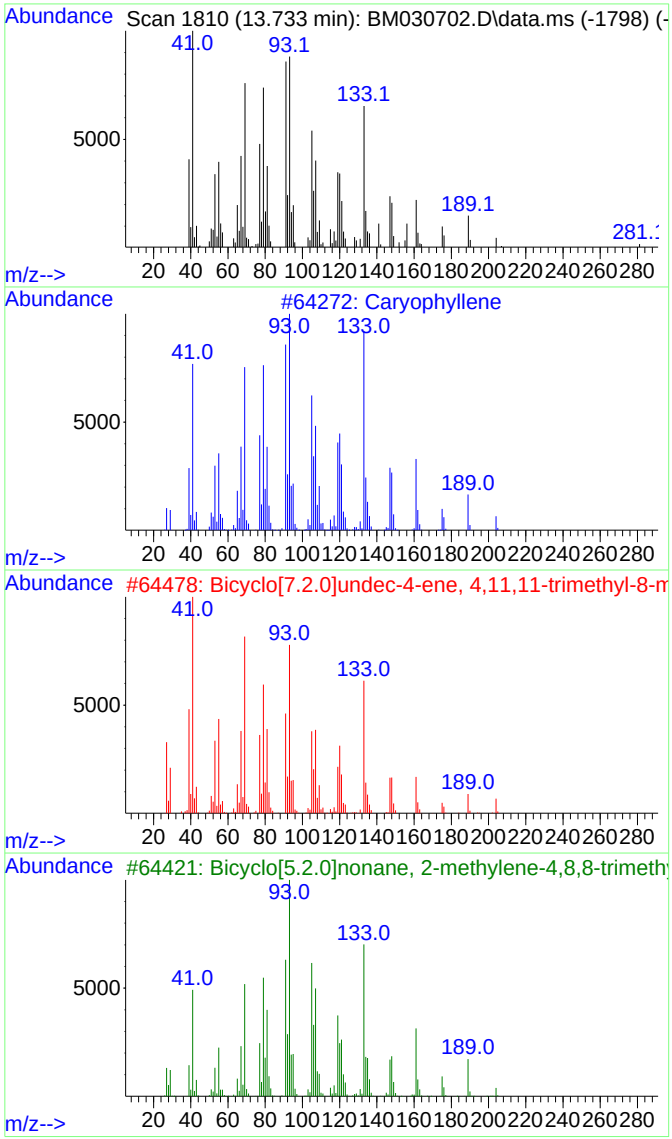
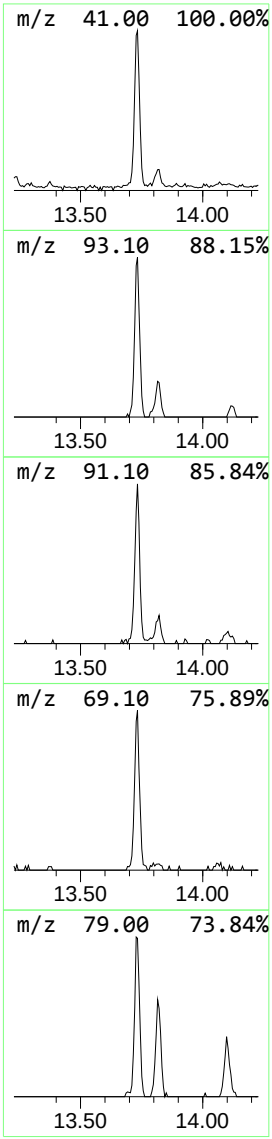
Peak Number 3 Caryophyllene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	3.60 ng/ul	204081	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
3	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	91
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	87
5	Caryophyllene	204	C15H24	000087-44-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030702.D
Acq On : 30 Jun 2021 13:14
Operator : CG/JU
Sample : M2888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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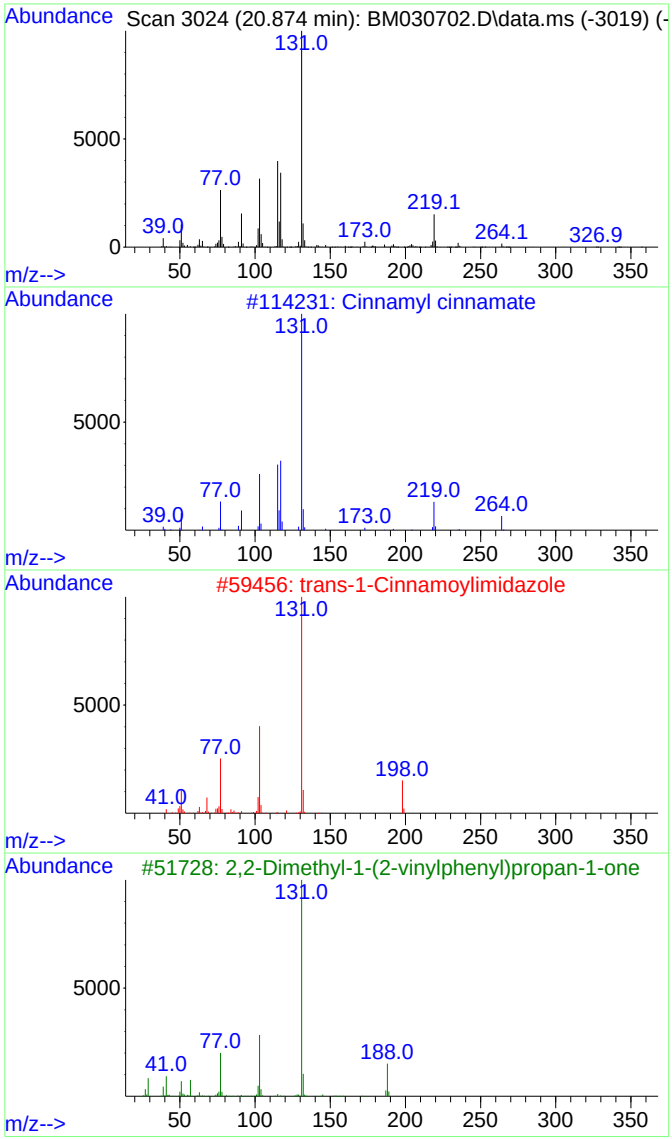
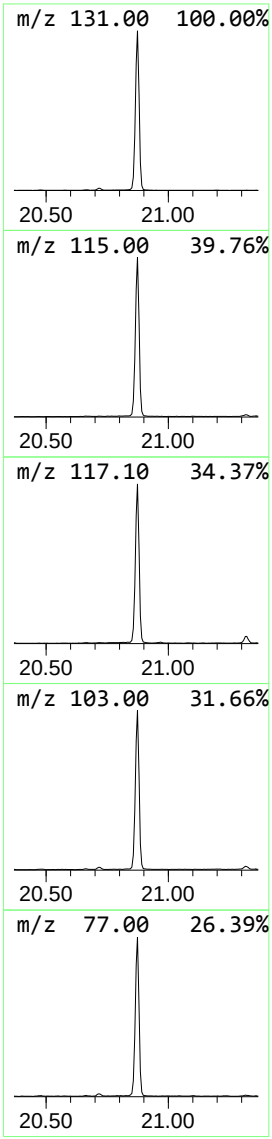
Peak Number 4 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.870	23.56 ng/ul	2102840	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	47
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
4	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
5	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030702.D
Acq On : 30 Jun 2021 13:14
Operator : CG/JU
Sample : M2888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H6

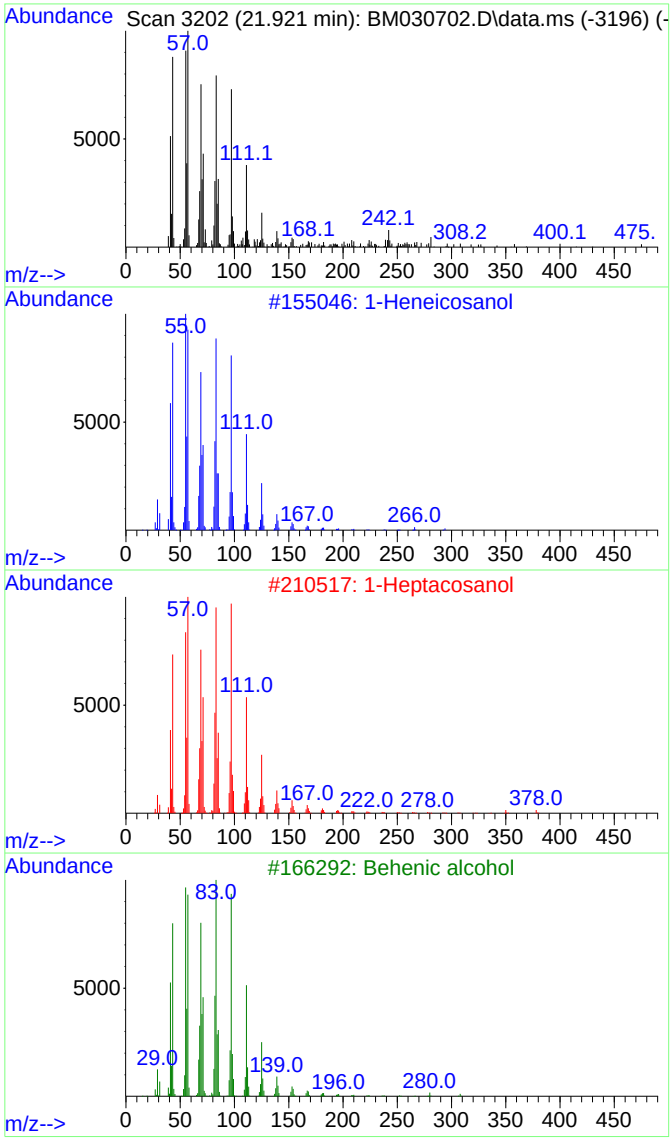
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

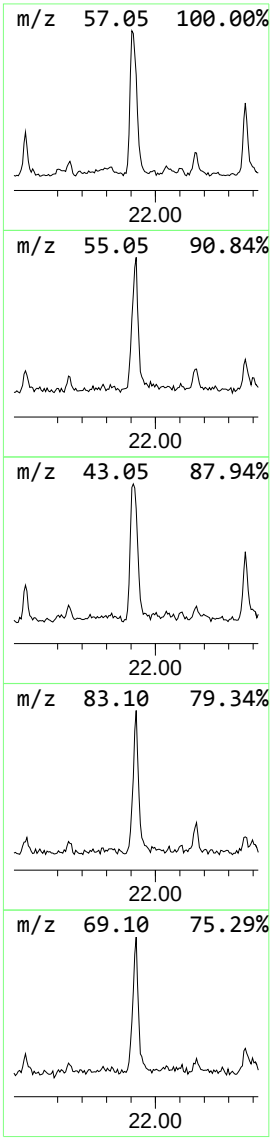
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.920	3.08 ng/ul	275255	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Octacosanol	410	C28H58O	000557-61-9	89
5	1-Nonadecene	266	C19H38	018435-45-5	89





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Data File : BM030702.D
Acq On : 30 Jun 2021 13:14
Operator : CG/JU
Sample : M2888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H6

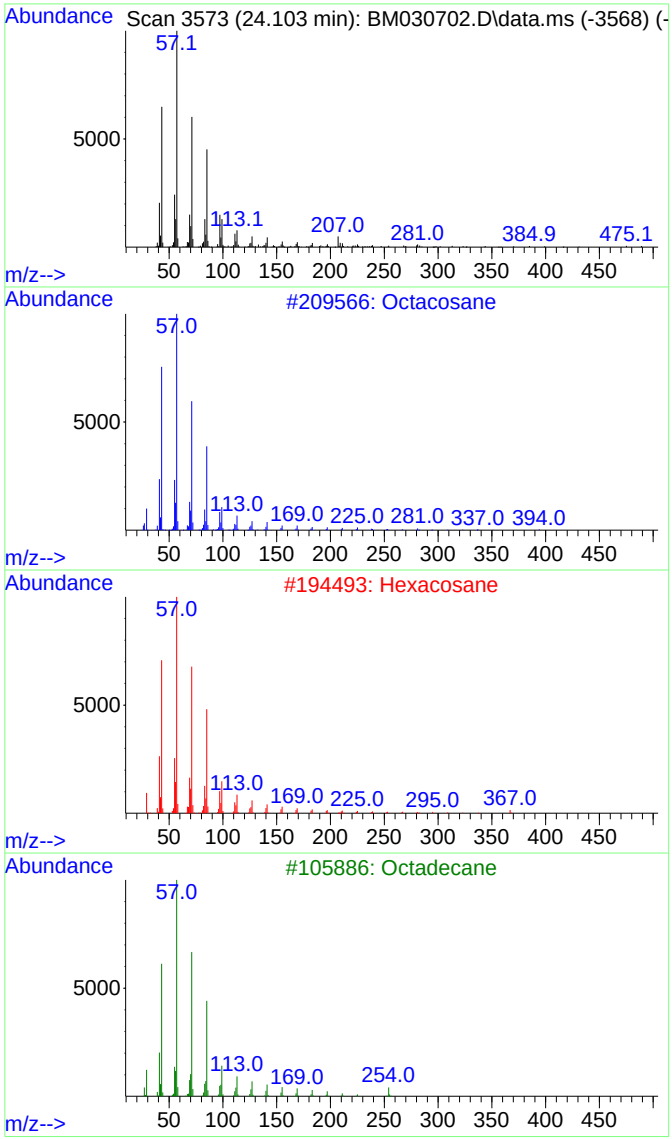
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

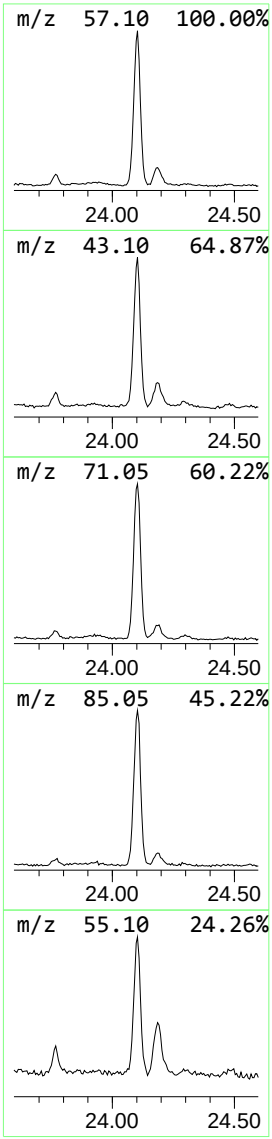
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.100	6.50 ng/ul	431629	Perylene-d12	23.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030702.D
Acq On : 30 Jun 2021 13:14
Operator : CG/JU
Sample : M2888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.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
Toluene	3.990	2.2	ng/ul	63993	1	7.781	572606	20.0
unknown-01	9.100	3.1	ng/ul	90066	1	7.781	572606	20.0
Caryophyllene	13.730	3.6	ng/ul	204081	3	14.410	1133930	20.0
Cinnamyl cinnamate	20.870	23.6	ng/ul	2102840	5	21.321	1785220	20.0
1-Heneicosanol	21.920	3.1	ng/ul	275255	5	21.321	1785220	20.0
(DEL) Alkane: S...	24.100	6.5	ng/ul	431629	6	23.574	1329040	20.0