LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030705.D
Acq On : 30 Jun 2021 15:05
Operator : CG/JU
Sample : M2888-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H7

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: BM030705.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	27	31	37	rVB	12763	18973	0.73%	0.071%
2	3.704	102	105	116	rBV	44267	115610	4.44%	0.434%
3	3.993	149	154	161	rVB	42847	64209	2.46%	0.241%
4	4.357	210	216	224	rBV3	18305	31039	1.19%	0.116%
5	4.546	244	248	256	rVB2	10486	15288	0.59%	0.057%
6	5.298	373	376	383	rVB	8843	15525	0.60%	0.058%
7	5.434	394	399	408	rVB	17996	37822	1.45%	0.142%
8	5.804	454	462	466	rBV2	23763	37168	1.43%	0.139%
9	5.851	466	470	476	rVB2	13455	20832	0.80%	0.078%
10	6.945	648	656	668	rVB	245322	425355	16.33%	1.595%
11	7.116	679	685	694	rBV	179277	291930	11.21%	1.095%
12	7.310	712	718	729	rBV	237625	399257	15.32%	1.497%
13	7.404	729	734	742	rVV3	8600	15325	0.59%	0.057%
14	7.475	742	746	753	rVB4	10327	18067	0.69%	0.068%
15	7.781	790	798	805	rBV	337239	544077	20.88%	2.041%
16	8.481	910	917	931	rVV	253618	423435	16.25%	1.588%
17	8.610	934	939	943	rVB2	8509	13356	0.51%	0.050%
18	8.933	987	994	1002	rVV	222398	379561	14.57%	1.424%
19	8.998	1002	1005	1011	rVV5	6553	11376	0.44%	0.043%
20	9.098	1016	1022	1030	rVB2	51976	84628	3.25%	0.317%
21	9.345	1059	1064	1070	rVB2	6749	10781	0.41%	0.040%
22	9.657	1109	1117	1127	rBV	172267	306114	11.75%	1.148%
23	10.186	1201	1207	1220	rBV	257730	477026	18.31%	1.789%
24	10.563	1261	1271	1278	rBV	466920	803914	30.86%	3.015%
25	10.616	1278	1280	1284	rVV	15811	19184	0.74%	0.072%
26	10.704	1284	1295	1315	rVB	240503	473009	18.16%	1.774%
27	11.663	1453	1458	1467	rVB2	19284	34305	1.32%	0.129%
28	11.822	1478	1485	1493	rBV6	9222	25147	0.97%	0.094%
29	12.227	1547	1554	1566	rVV3	13118	24889	0.96%	0.093%
30	13.139	1703	1709	1713	rBV5	5543	11432	0.44%	0.043%
31	13.233	1720	1725	1730	rBV2	9986	15088	0.58%	0.057%
32	13.592	1778	1786	1791	rVB4	5785	11012	0.42%	0.041%
33	13.733	1805	1810	1815	rVV	118317	170547	6.55%	0.640%
34	13.821	1815	1825	1834	rVV	516637	764854	29.36%	2.869%
35	14.104	1866	1873	1887	rVB	600977	912939	35.04%	3.424%
36	14.245	1891	1897	1901	rBV8	5238	11777	0.45%	0.044%

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Misc :
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Instrument : BNA_M
ClientSampleId : CB8H7

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

37	14.310	1904	1908	1911	rVV2	11530	17834	0.68%	0.067%
38	14.410	1917	1925	1931	rVV	738054	1092422	41.93%	4.097%
39	14.474	1931	1936	1943	rVB4	22216	43707	1.68%	0.164%
40	14.610	1952	1959	1966	rBV	133644	275614	10.58%	1.034%
41	14.727	1974	1979	1987	rVB3	33265	60911	2.34%	0.228%
42	14.810	1989	1993	1995	rBV3	8923	13918	0.53%	0.052%
43	14.833	1995	1997	2000	rVV4	9505	11997	0.46%	0.045%
44	14.868	2000	2003	2009	rVB5	10318	15033	0.58%	0.056%
45	15.074	2033	2038	2041	rBV3	11283	16360	0.63%	0.061%
46	15.345	2077	2084	2088	rBV	97898	140633	5.40%	0.527%
47	15.398	2088	2093	2099	rBV	788721	1167350	44.81%	4.378%
48	15.527	2109	2115	2128	rBV	172183	291626	11.19%	1.094%
49	15.639	2128	2134	2138	rVV5	18304	26866	1.03%	0.101%
50	15.739	2146	2151	2156	rBV5	12068	23570	0.90%	0.088%
51	15.821	2161	2165	2169	rBV	33630	40191	1.54%	0.151%
52	15.880	2170	2175	2184	rVB2	63857	101740	3.91%	0.382%
53	15.968	2184	2190	2193	rBV4	18896	34839	1.34%	0.131%
54	16.121	2205	2216	2223	rVB2	50120	89373	3.43%	0.335%
55	16.686	2308	2312	2315	rBV6	7327	10827	0.42%	0.041%
56	16.804	2328	2332	2338	rVB5	9940	18387	0.71%	0.069%
57	16.904	2340	2349	2353	rBV4	11563	27139	1.04%	0.102%
58	16.968	2356	2360	2365	rVB3	10119	15148	0.58%	0.057%
59	17.145	2384	2390	2395	rBV	893403	1321922	50.74%	4.958%
60	17.186	2395	2397	2402	rVV	129516	178578	6.85%	0.670%
61	17.245	2402	2407	2419	rVB	892980	1326428	50.91%	4.975%
62	17.339	2419	2423	2429	rBV6	11187	20727	0.80%	0.078%
63	17.556	2456	2460	2464	rVB2	8931	13300	0.51%	0.050%
64	17.639	2471	2474	2478	rBV3	9433	11756	0.45%	0.044%
65	17.815	2500	2504	2510	rBV	21450	28922	1.11%	0.108%
66	17.874	2510	2514	2521	rBV9	3779	10051	0.39%	0.038%
67	18.033	2535	2541	2544	rBV3	34528	69542	2.67%	0.261%
68	18.068	2544	2547	2552	rVB2	32395	48730	1.87%	0.183%
69	18.215	2567	2572	2576	rVV3	27874	49944	1.92%	0.187%
70	18.251	2576	2578	2583	rVB	16666	19153	0.74%	0.072%
71	18.333	2589	2592	2597	rBV3	12782	15798	0.61%	0.059%
72	18.521	2620	2624	2628	rBV	19566	26035	1.00%	0.098%
73	18.862	2677	2682	2686	rVB	50752	62649	2.40%	0.235%
74	18.939	2691	2695	2698	rBV	20685	29970	1.15%	0.112%
75	19.080	2715	2719	2724	rBV5	15025	27011	1.04%	0.101%
76	19.203	2732	2740	2746	rVB	285503	407487	15.64%	1.528%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

77	19.262	2748	2750	2753	rVB3	10564	10014	0.38%	0.038%
78	19.315	2756	2759	2762	rBV5	14631	17065	0.66%	0.064%
79	19.533	2791	2796	2810	rVV2	1188751	2016003	77.38%	7.561%
80	19.639	2811	2814	2819	rVB2	19230	25600	0.98%	0.096%
81	19.892	2852	2857	2860	rBV5	22239	50469	1.94%	0.189%
82	19.927	2860	2863	2867	rVB	67111	83879	3.22%	0.315%
83	20.074	2882	2888	2892	rVB2	79950	133181	5.11%	0.499%
84	20.156	2900	2902	2906	rVB	23748	25681	0.99%	0.096%
85	20.215	2909	2912	2916	rVB4	25985	35548	1.36%	0.133%
86	20.356	2933	2936	2940	rBV2	29597	37244	1.43%	0.140%
87	20.527	2963	2965	2968	rBV3	19390	18683	0.72%	0.070%
88	20.715	2994	2997	3001	rBV2	51030	71142	2.73%	0.267%
89	20.874	3019	3024	3032	rVB	2430435	2605273	100.00%	9.771%
90	21.033	3047	3051	3060	rVB2	135399	196288	7.53%	0.736%
91	21.233	3082	3085	3089	rVB	74041	90218	3.46%	0.338%
92	21.321	3093	3100	3104	rBV2	1248759	1861794	71.46%	6.983%
93	21.356	3104	3106	3114	rVB	174332	208733	8.01%	0.783%
94	21.474	3123	3126	3132	rVB4	46744	66289	2.54%	0.249%
95	21.921	3197	3202	3209	rVB3	151055	280106	10.75%	1.051%
96	22.880	3361	3365	3369	rBV2	324385	581109	22.31%	2.179%
97	22.921	3370	3372	3383	rVB3	263108	468519	17.98%	1.757%
98	23.433	3453	3459	3473	rVB	725885	1631813	62.64%	6.120%
99	23.574	3477	3483	3490	rBV2	701039	1366409	52.45%	5.125%
100	24.103	3568	3573	3582	rVB	276954	543487	20.86%	2.038%

Sum of corrected areas: 26662886

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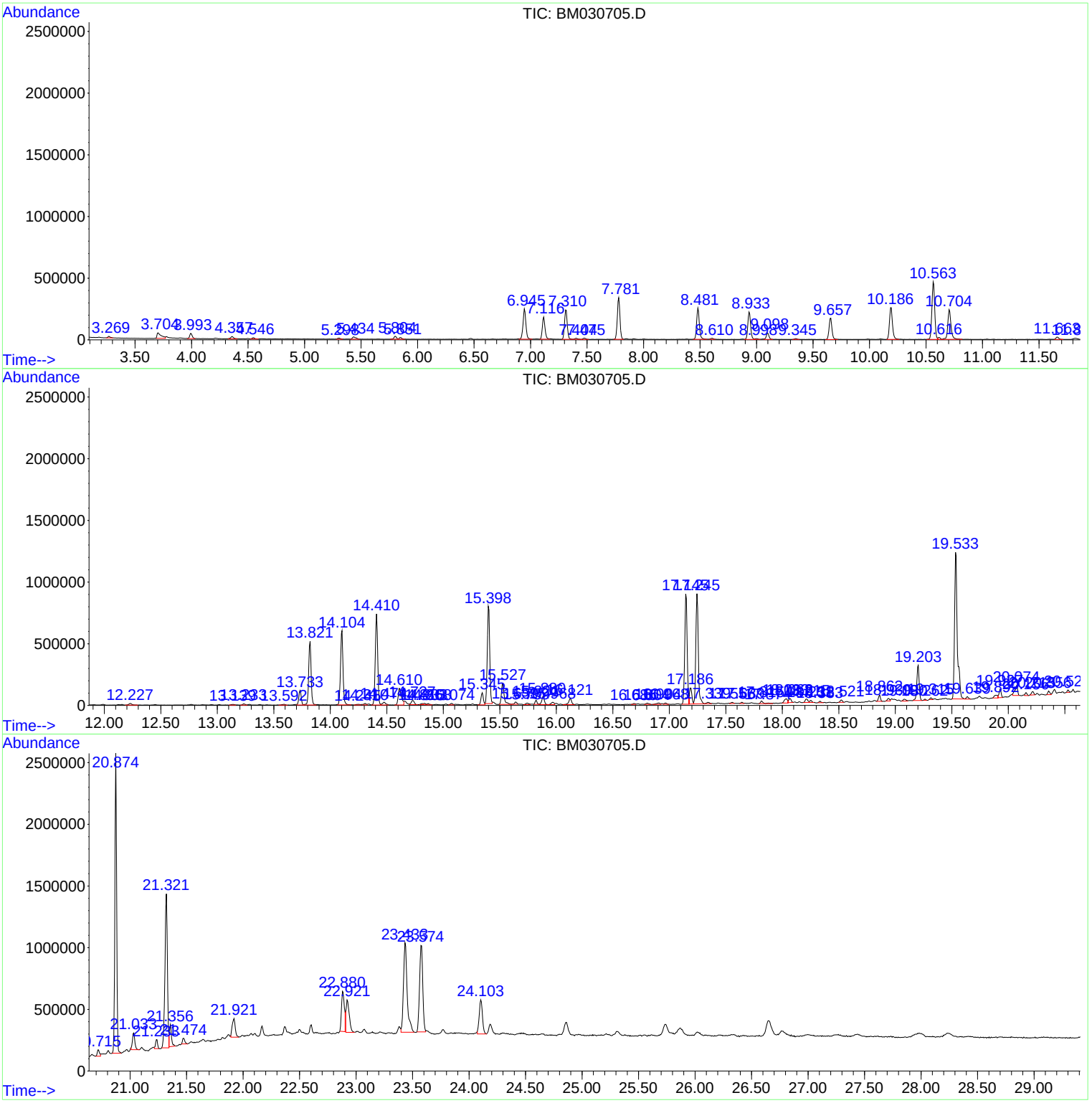
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H7

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030705.D
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Instrument :
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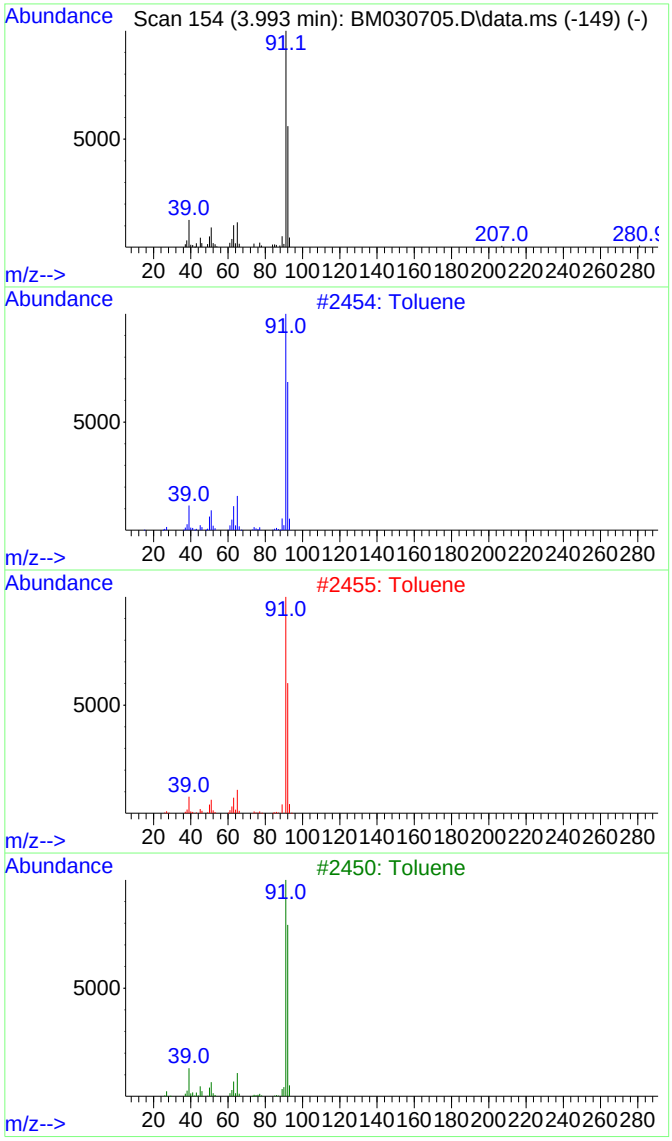
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

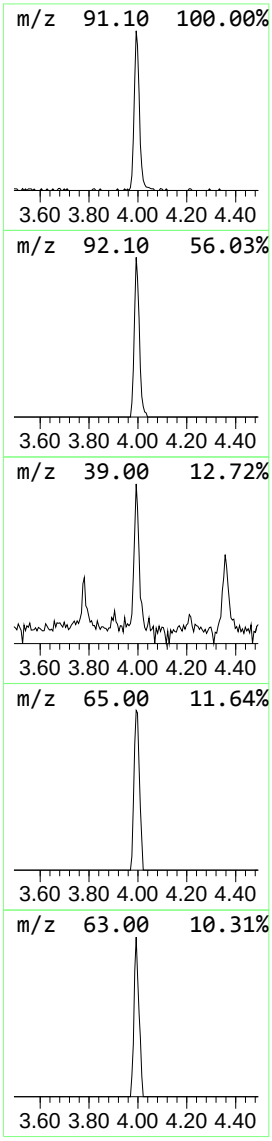
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.990	2.36 ng/ul	64209	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	94
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030705.D
Acq On : 30 Jun 2021 15:05
Operator : CG/JU
Sample : M2888-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H7

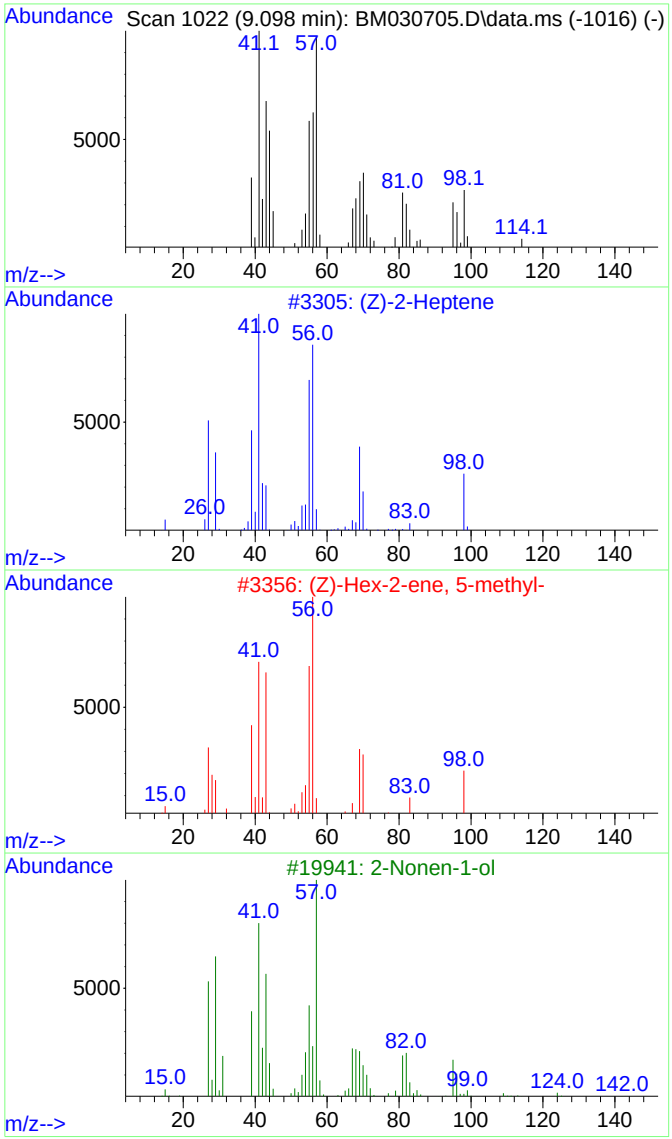
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

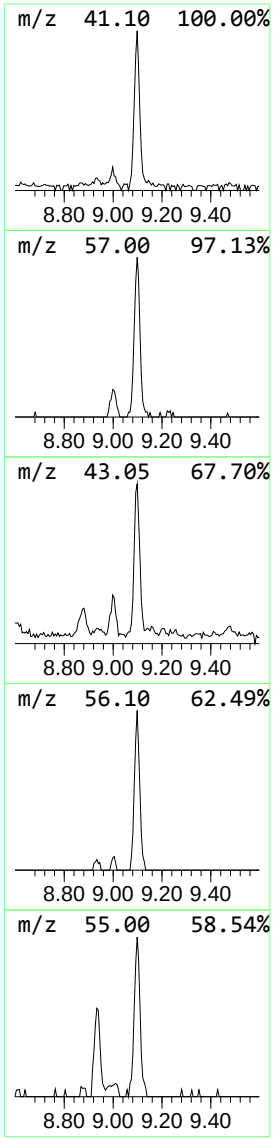
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.100	3.11 ng/ul	84628	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-2-Heptene	98	C7H14	006443-92-1	38
2	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	27
3	2-Nonen-1-ol	142	C9H18O	022104-79-6	27
4	2-Heptene, (E)-	98	C7H14	014686-13-6	25
5	2-Heptene	98	C7H14	000592-77-8	25





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Quant Title : SVOA CALIBRATION

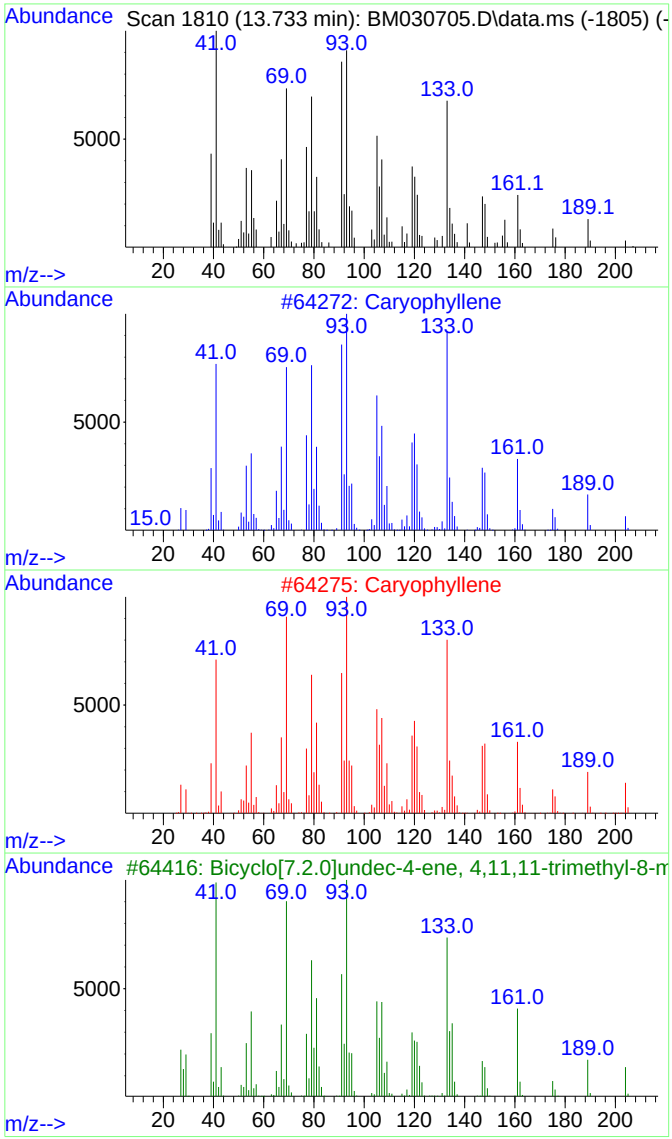
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

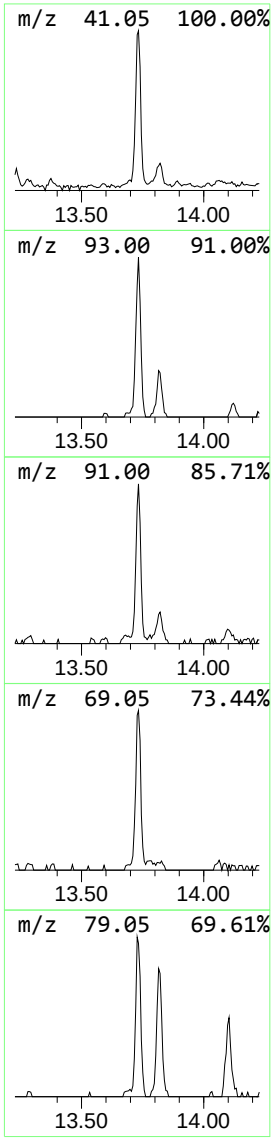
****

Peak Number 3 Caryophyllene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	3.12 ng/ul	170547	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Caryophyllene	204	C15H24	000087-44-5	94
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	91
4	Caryophyllene	204	C15H24	000087-44-5	91
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H7

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

TIC Library : C:\DATABASE\NIST11.L
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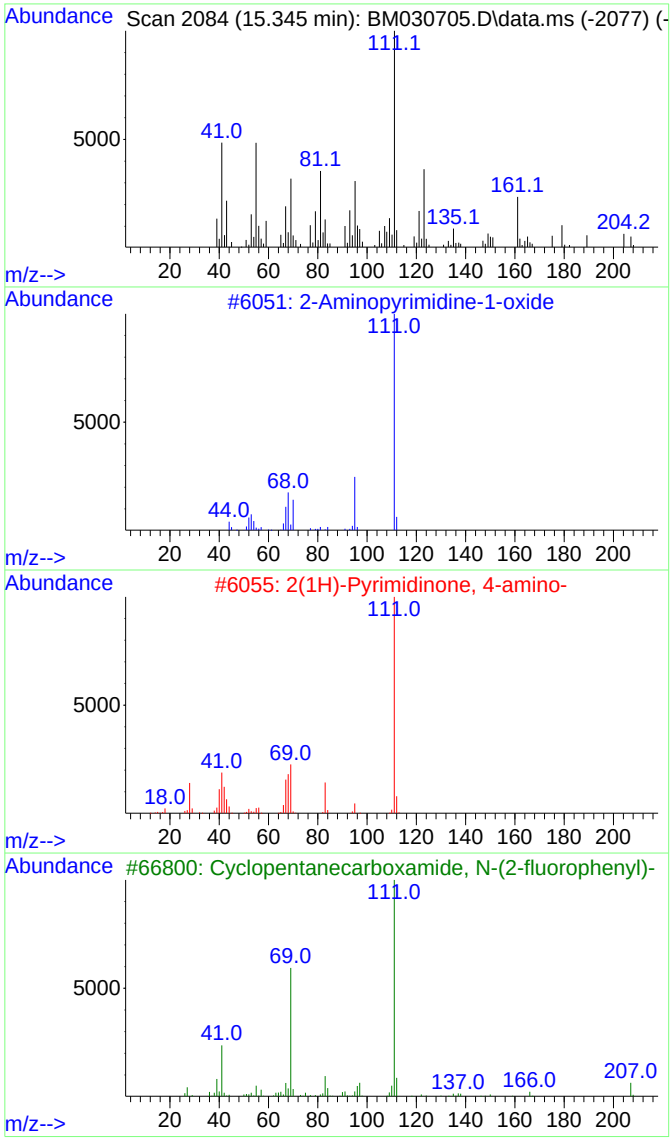
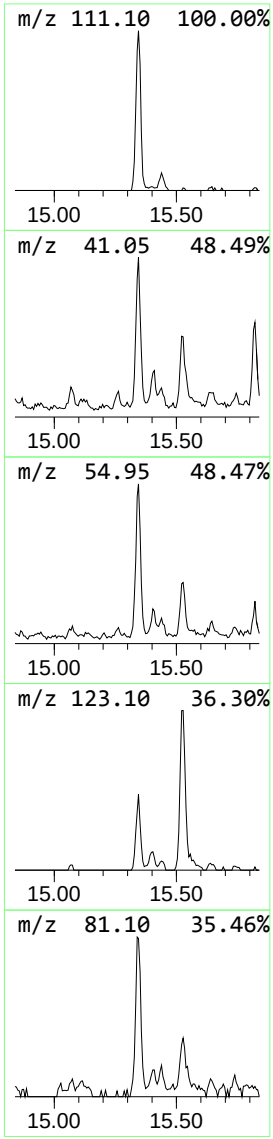
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.340	2.57 ng/ul	140633	Acenaphthene-d10	14.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	43
2	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	38
3	Cyclopentanecarboxamide, N-(2-fl...	207	C12H14FNO	1000308-60-7	38
4	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	38
5	Bruceantin	548	C28H36O11	041451-75-6	35





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Data File : BM030705.D
Acq On : 30 Jun 2021 15:05
Operator : CG/JU
Sample : M2888-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H7

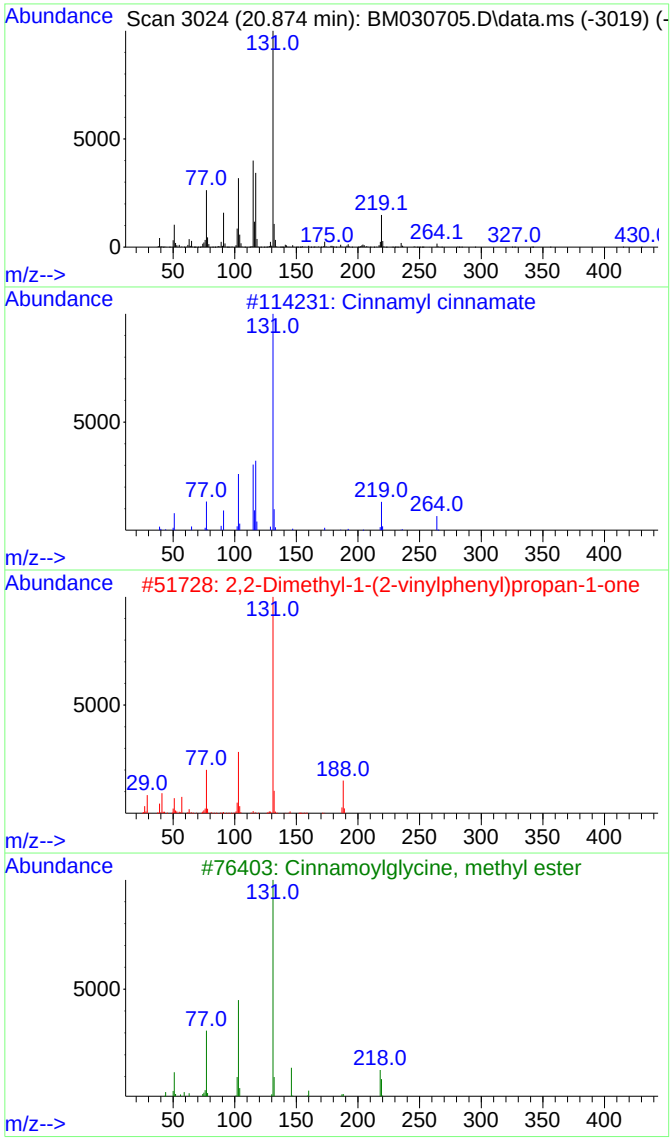
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

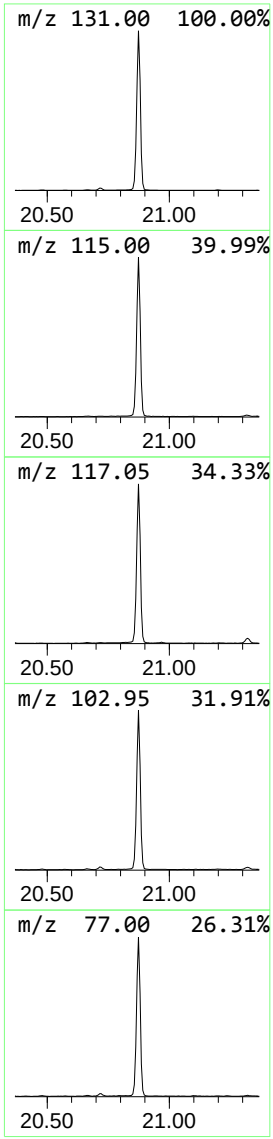
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.870	27.99 ng/ul	2605270	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
4	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
5	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47





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Data File : BM030705.D
Acq On : 30 Jun 2021 15:05
Operator : CG/JU
Sample : M2888-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H7

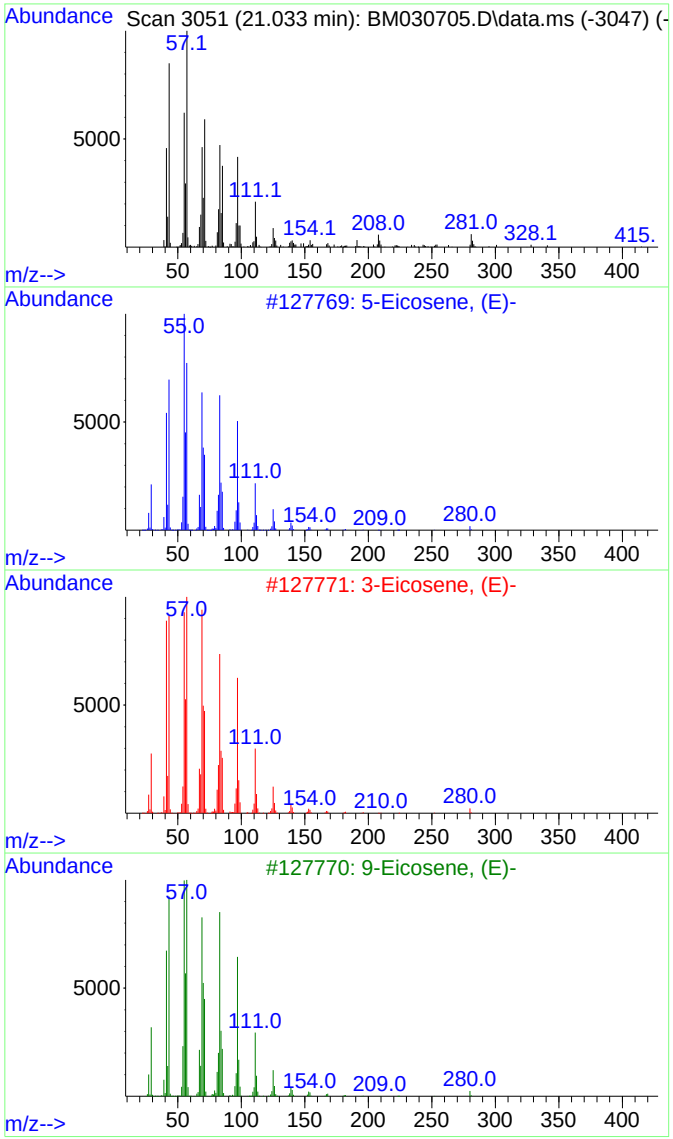
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

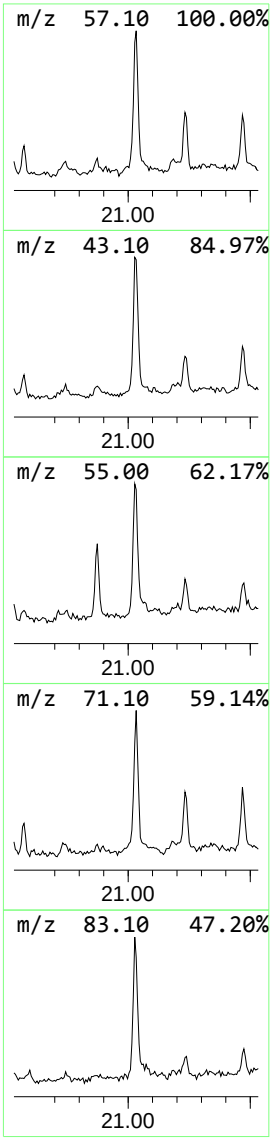
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.030	2.11 ng/ul	196288	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91





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Data File : BM030705.D
Acq On : 30 Jun 2021 15:05
Operator : CG/JU
Sample : M2888-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB8H7

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

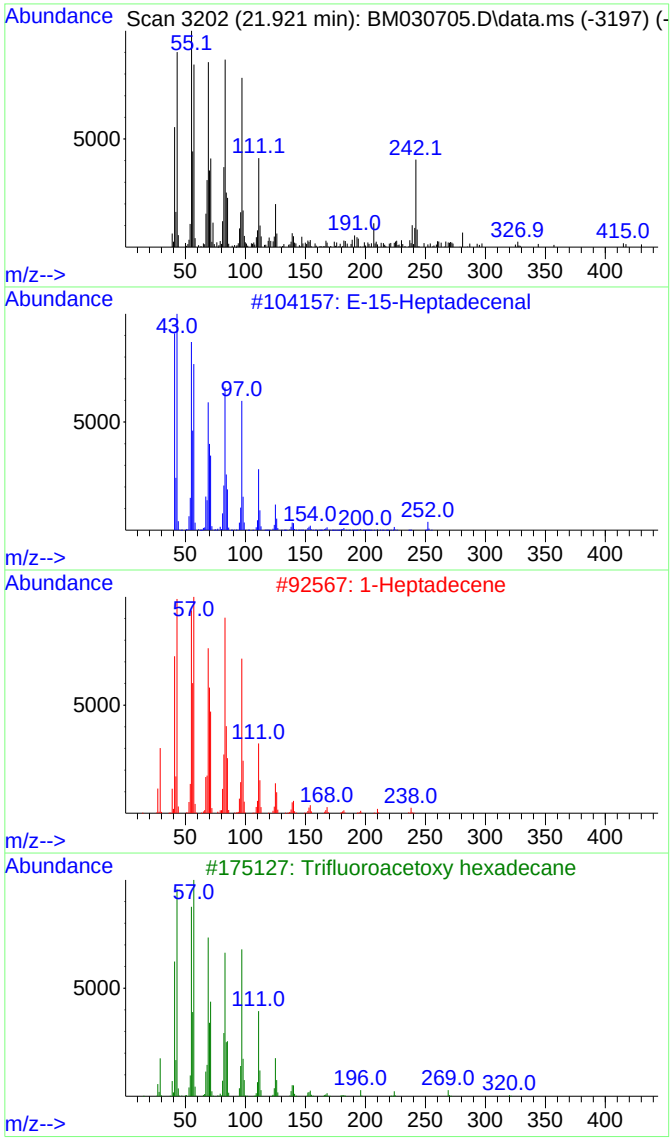
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

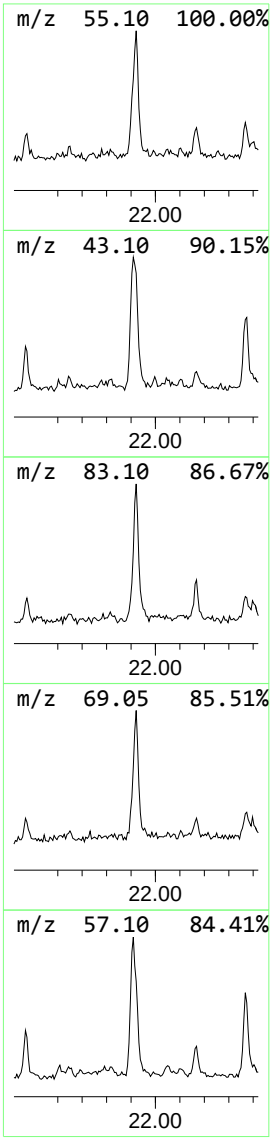
****

Peak Number 7 E-15-Heptadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.920	3.01 ng/ul	280106	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	1-Heptadecene	238	C17H34	006765-39-5	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030705.D
Acq On : 30 Jun 2021 15:05
Operator : CG/JU
Sample : M2888-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H7

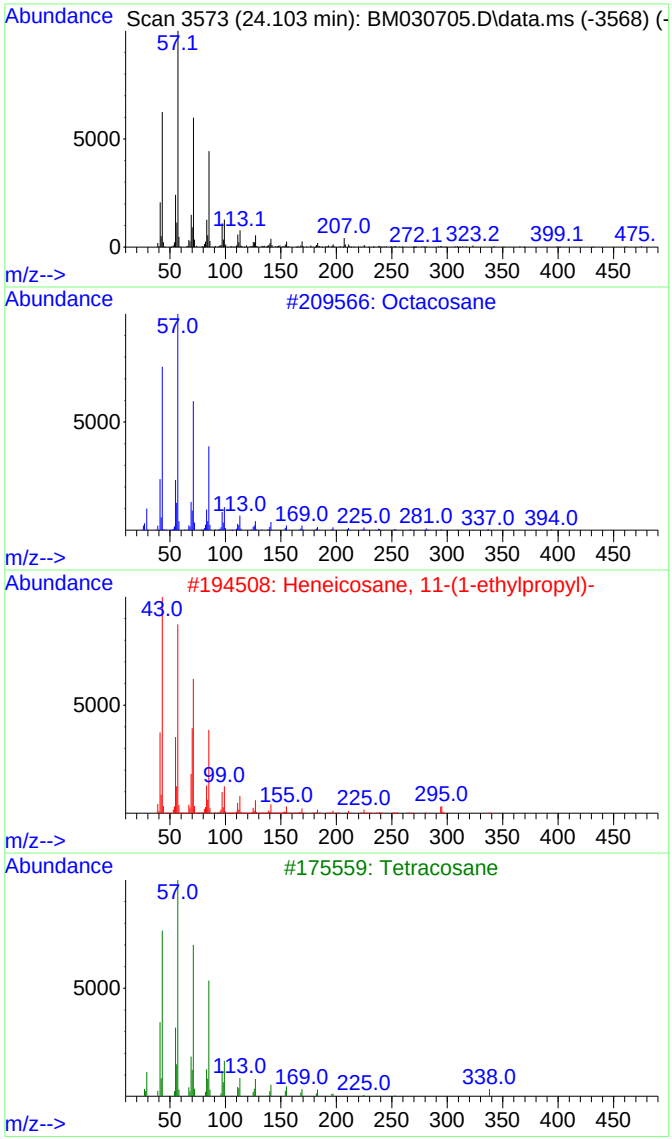
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

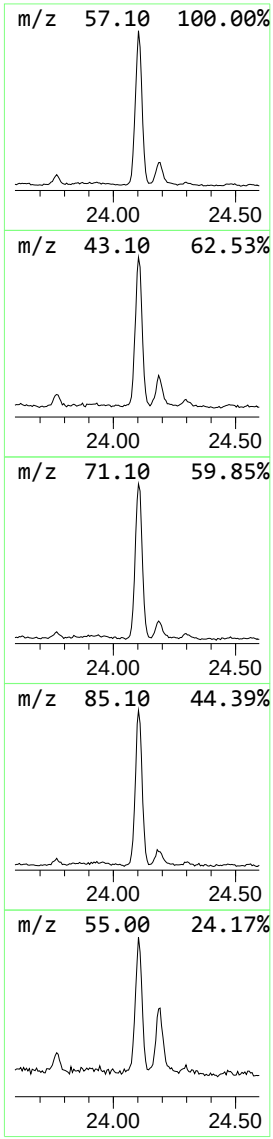
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.100	7.95 ng/ul	543487	Perylene-d12	23.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030705.D
Acq On : 30 Jun 2021 15:05
Operator : CG/JU
Sample : M2888-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H7

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	2.4	ng/ul	64209	1	7.781	544077	20.0
(DEL) Alkane: S...	9.100	3.1	ng/ul	84628	1	7.781	544077	20.0
Caryophyllene	13.730	3.1	ng/ul	170547	3	14.410	1092420	20.0
unknown-01	15.340	2.6	ng/ul	140633	3	14.410	1092420	20.0
Cinnamyl cinnamate	20.870	28.0	ng/ul	2605270	5	21.321	1861790	20.0
(DEL) Alkane: S...	21.030	2.1	ng/ul	196288	5	21.321	1861790	20.0
E-15-Heptadecenal	21.920	3.0	ng/ul	280106	5	21.321	1861790	20.0
(DEL) Alkane: S...	24.100	8.0	ng/ul	543487	6	23.574	1366410	20.0