LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
Data File : BM034688.D
Acq On : 15 Apr 2022 03:39
Operator : CG/JU
Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETNR2

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-BM040922.M
Title : SVOA CALIBRATION

Signal : TIC: BM034688.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.243	31	35	40	rVB	39393	48808	1.95%	0.139%
2	3.513	77	81	85	rVB3	14399	19574	0.78%	0.056%
3	3.666	104	107	125	rBV	342493	548075	21.90%	1.556%
4	4.007	161	165	175	rVB	48960	75207	3.01%	0.213%
5	4.231	198	203	209	rVB	132427	187978	7.51%	0.534%
6	4.672	274	278	284	rBV	34967	51902	2.07%	0.147%
7	5.154	354	360	367	rBV	171859	255113	10.20%	0.724%
8	5.302	381	385	389	rBV7	7470	13131	0.52%	0.037%
9	5.349	389	393	399	rVB	76042	110163	4.40%	0.313%
10	5.431	404	407	411	rVB5	7678	10517	0.42%	0.030%
11	5.507	414	420	425	rVB3	11078	19643	0.79%	0.056%
12	5.866	475	481	489	rVB2	25965	45030	1.80%	0.128%
13	6.343	557	562	570	rVV	33280	53711	2.15%	0.152%
14	6.413	570	574	579	rVB6	7584	11609	0.46%	0.033%
15	6.531	585	594	614	rBV	1354061	2161906	86.40%	6.136%
16	6.837	640	646	654	rVB	67450	116741	4.67%	0.331%
17	6.948	661	665	670	rVB2	19998	29180	1.17%	0.083%
18	7.025	670	678	697	rBV	442432	816076	32.61%	2.316%
19	7.190	700	706	712	rVV	392520	627597	25.08%	1.781%
20	7.248	712	716	725	rVB	59328	97849	3.91%	0.278%
21	7.390	734	740	753	rBV	510701	864386	34.55%	2.453%
22	7.490	753	757	768	rVB3	25888	57823	2.31%	0.164%
23	7.860	813	820	830	rVV	549382	914969	36.57%	2.597%
24	7.931	830	832	837	rVV4	14031	22168	0.89%	0.063%
25	7.978	837	840	848	rVB	14587	23984	0.96%	0.068%
26	8.160	867	871	877	rVB5	10541	20271	0.81%	0.058%
27	8.219	877	881	890	rVB9	7209	15098	0.60%	0.043%
28	8.484	920	926	934	rBV	155302	268900	10.75%	0.763%
29	8.572	935	941	956	rVV	559057	998871	39.92%	2.835%
30	8.672	956	958	966	rVV3	11791	21065	0.84%	0.060%
31	8.978	1005	1010	1011	rBV	14990	18376	0.73%	0.052%
32	9.025	1012	1018	1028	rVV	449598	827991	33.09%	2.350%
33	9.101	1028	1031	1037	rVB	30528	44363	1.77%	0.126%
34	9.307	1059	1066	1071	rBV5	8746	17600	0.70%	0.050%
35	9.360	1071	1075	1083	rVB2	37616	65995	2.64%	0.187%
36	9.466	1086	1093	1097	rBV3	13876	25971	1.04%	0.074%

LSC Area Percent Report

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Operator : CG/JU
Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETNR2

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-BM040922.M
Title : SVOA CALIBRATION

37	9.748	1135	1141	1156	rBV	359318	664929	26.57%	1.887%
38	10.078	1192	1197	1209	rVB3	39634	84060	3.36%	0.239%
39	10.289	1227	1233	1250	rBV	497815	962067	38.45%	2.731%
40	10.666	1289	1297	1304	rBV	726845	1278620	51.10%	3.629%
41	10.719	1304	1306	1312	rVB4	18461	27302	1.09%	0.077%
42	10.807	1314	1321	1334	rBV	393097	849122	33.94%	2.410%
43	11.172	1380	1383	1387	rVB6	7080	10452	0.42%	0.030%
44	11.660	1459	1466	1471	rVV7	19954	54221	2.17%	0.154%
45	11.707	1471	1474	1484	rVV9	15692	42819	1.71%	0.122%
46	11.789	1484	1488	1493	rVV8	5642	11429	0.46%	0.032%
47	12.107	1536	1542	1552	rVB	44187	68460	2.74%	0.194%
48	12.230	1560	1563	1566	rVV5	6951	11638	0.47%	0.033%
49	12.272	1566	1570	1575	rVV3	7593	14731	0.59%	0.042%
50	12.389	1585	1590	1595	rBV6	10626	21315	0.85%	0.060%
51	12.736	1643	1649	1653	rBV6	7787	16394	0.66%	0.047%
52	12.919	1677	1680	1685	rVV6	7888	11721	0.47%	0.033%
53	13.060	1698	1704	1708	rVB2	14141	24168	0.97%	0.069%
54	13.201	1723	1728	1734	rBV5	11900	21481	0.86%	0.061%
55	13.348	1745	1753	1760	rBV2	60121	106799	4.27%	0.303%
56	13.442	1764	1769	1772	rBV2	11309	18348	0.73%	0.052%
57	13.477	1772	1775	1779	rVV5	12480	18226	0.73%	0.052%
58	13.542	1781	1786	1799	rVB4	25024	60626	2.42%	0.172%
59	13.919	1844	1850	1861	rVV	1007956	1440277	57.56%	4.088%
60	14.001	1861	1864	1868	rVB3	21778	28434	1.14%	0.081%
61	14.060	1868	1874	1878	rBV9	7231	15139	0.61%	0.043%
62	14.130	1880	1886	1889	rVB4	6508	11695	0.47%	0.033%
63	14.201	1889	1898	1908	rBV	1152197	1710061	68.34%	4.854%
64	14.336	1918	1921	1926	rVB7	6206	10820	0.43%	0.031%
65	14.419	1930	1935	1939	rBV	35425	48503	1.94%	0.138%
66	14.507	1941	1950	1958	rBV	1020986	1548858	61.90%	4.396%
67	14.713	1975	1985	1997	rBV	96185	304559	12.17%	0.864%
68	15.001	2029	2034	2038	rBV2	27565	37681	1.51%	0.107%
69	15.113	2049	2053	2056	rBV4	17730	28507	1.14%	0.081%
70	15.366	2093	2096	2100	rVB	29391	35299	1.41%	0.100%
71	15.501	2111	2119	2129	rBV	1465608	2101798	84.00%	5.966%
72	15.583	2129	2133	2134	rVV2	21360	28507	1.14%	0.081%
73	15.619	2134	2139	2148	rVB	342147	510162	20.39%	1.448%
74	15.742	2156	2160	2162	rBV3	17963	20824	0.83%	0.059%
75	15.983	2198	2201	2205	rVB6	11636	16019	0.64%	0.045%
76	16.224	2238	2242	2244	rVV	27021	37075	1.48%	0.105%

LSC Area Percent Report

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Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETNR2

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-BM040922.M
Title : SVOA CALIBRATION

77	16.248	2244	2246	2250	rVV2	30234	39485	1.58%	0.112%
78	16.289	2250	2253	2258	rVB7	10365	17794	0.71%	0.051%
79	16.342	2258	2262	2266	rBV7	6444	12639	0.51%	0.036%
80	17.018	2372	2377	2383	rBV2	22755	36621	1.46%	0.104%
81	17.071	2383	2386	2391	rVB3	15163	20938	0.84%	0.059%
82	17.254	2410	2417	2425	rBV	1155197	1698121	67.87%	4.820%
83	17.348	2427	2433	2448	rVV2	1409240	2124349	84.90%	6.030%
84	17.542	2463	2466	2473	rVB9	7585	12682	0.51%	0.036%
85	17.760	2499	2503	2510	rVB	20604	29065	1.16%	0.082%
86	18.148	2565	2569	2579	rBV	133930	235032	9.39%	0.667%
87	18.448	2617	2620	2625	rVB2	18447	23333	0.93%	0.066%
88	19.083	2725	2728	2731	rBV2	19581	21870	0.87%	0.062%
89	19.207	2745	2749	2754	rBV5	22782	34802	1.39%	0.099%
90	19.283	2759	2762	2770	rVV	21205	34175	1.37%	0.097%
91	19.365	2774	2776	2780	rVV4	11492	12446	0.50%	0.035%
92	19.430	2784	2787	2795	rVB5	22729	36274	1.45%	0.103%
93	19.642	2817	2823	2829	rBV	1825567	2502184	100.00%	7.102%
94	19.783	2844	2847	2853	rBV7	17592	28226	1.13%	0.080%
95	20.159	2909	2911	2914	rBV3	14803	13556	0.54%	0.038%
96	20.189	2914	2916	2920	rVB3	19901	18756	0.75%	0.053%
97	21.142	3074	3078	3089	rBV	639794	839135	33.54%	2.382%
98	21.430	3122	3127	3141	rBV	1065535	1737828	69.45%	4.933%
99	23.647	3497	3504	3510	rBV2	1042129	2108553	84.27%	5.985%
100	23.800	3524	3530	3544	rVB	851407	1773044	70.86%	5.033%

Sum of corrected areas: 35231695

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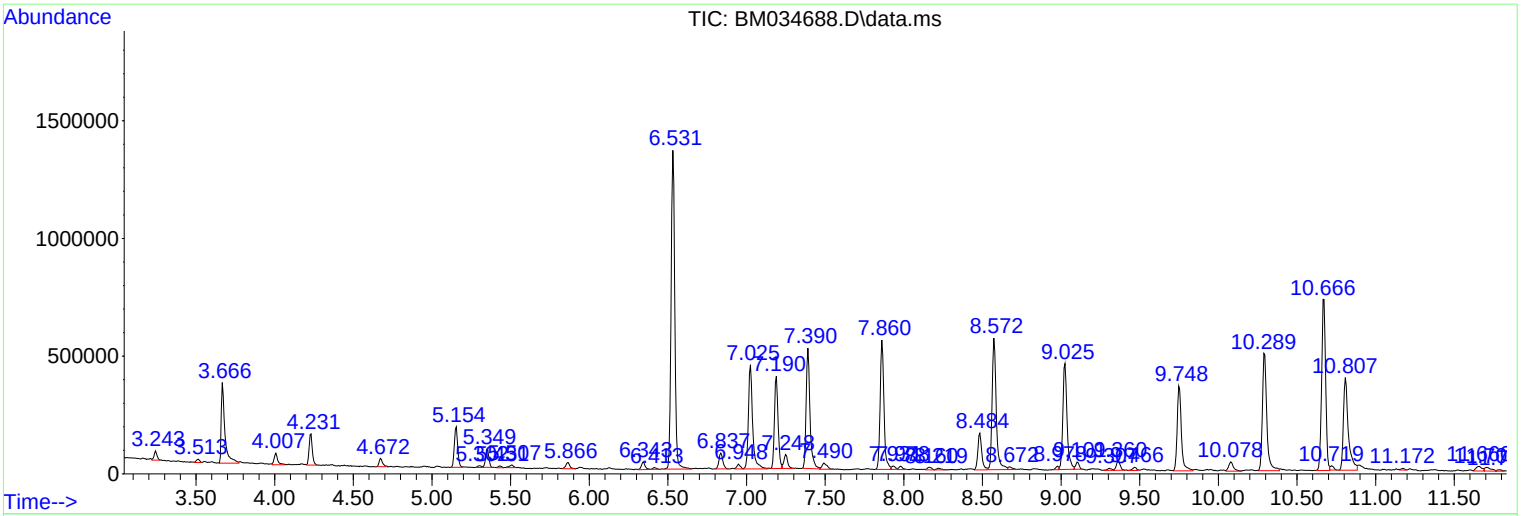
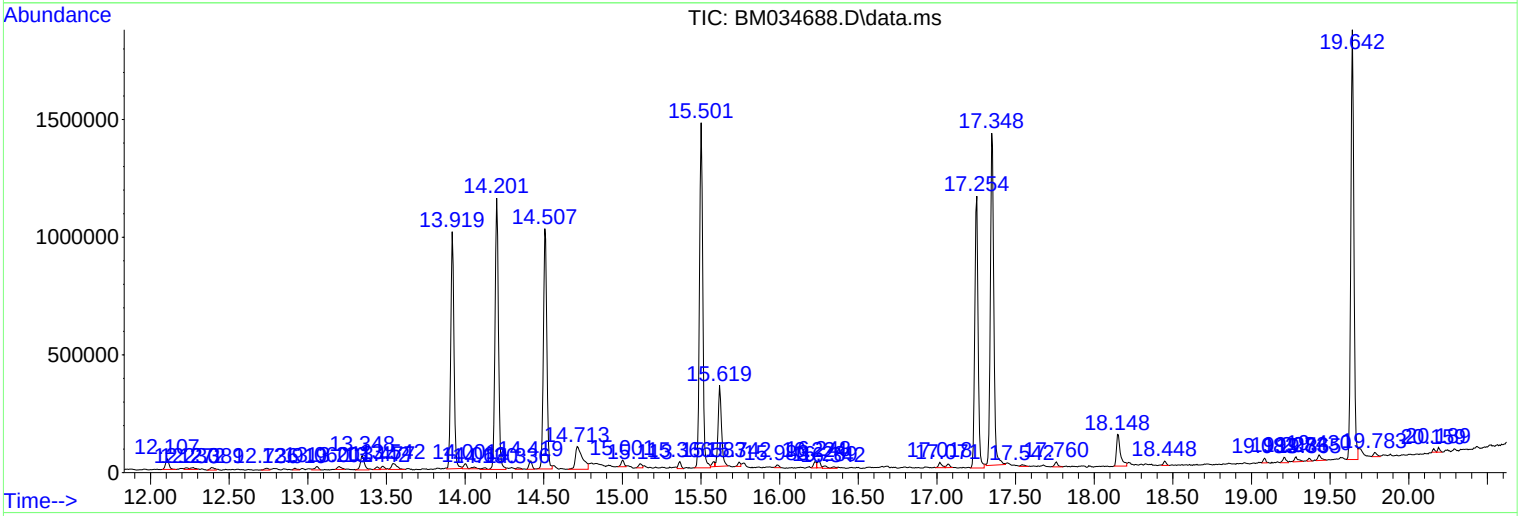
Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

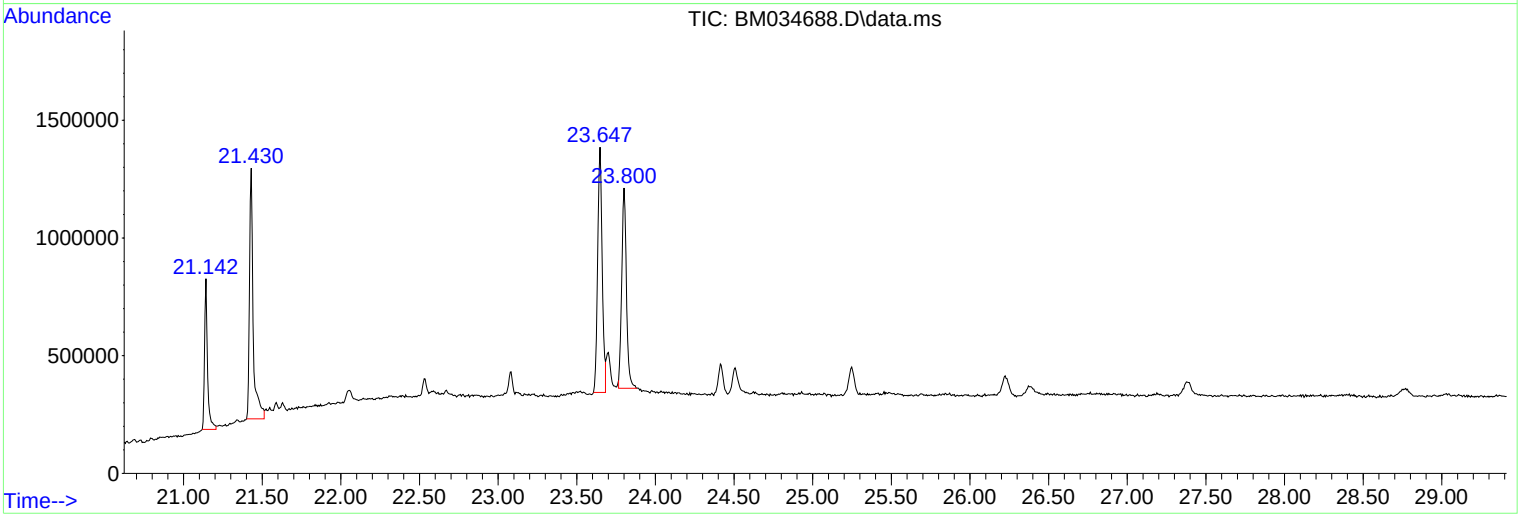
Instrument :
BNA_M
ClientSampleId :
ETNR2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
Data File : BM034688.D
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Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETNR2

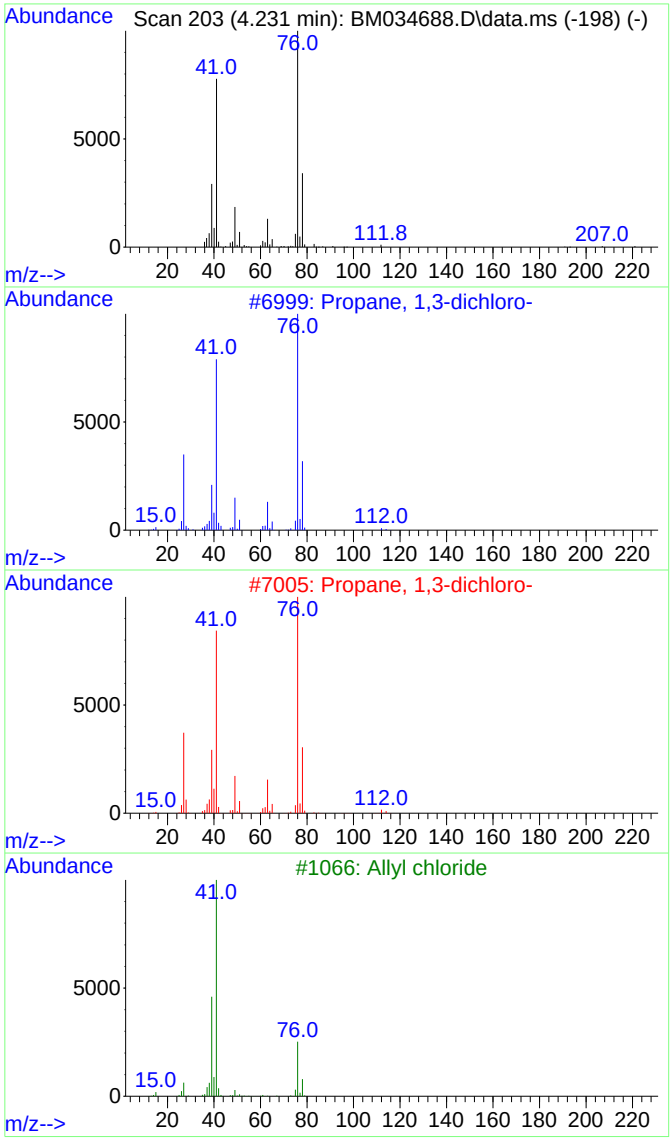
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

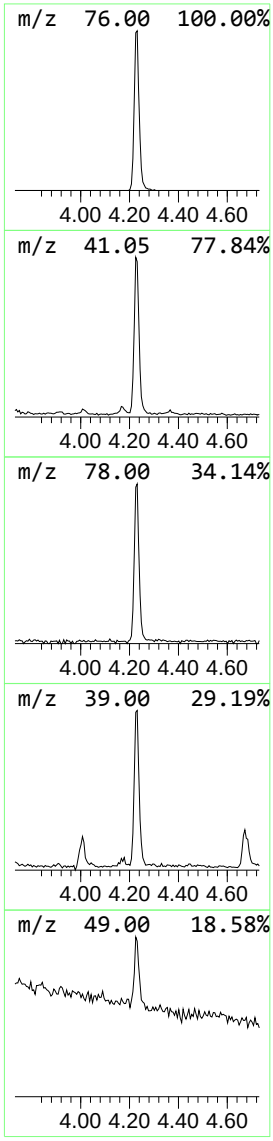
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propane, 1,3-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.231	4.11 ng/ul	187978	1,4-Dichlorobenzene-d4	7.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	95
2	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	90
3	Allyl chloride	76	C3H5Cl	000107-05-1	78
4	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	74
5	3-Chloropropyl formate	122	C4H7ClO2	001487-44-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
Data File : BM034688.D
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Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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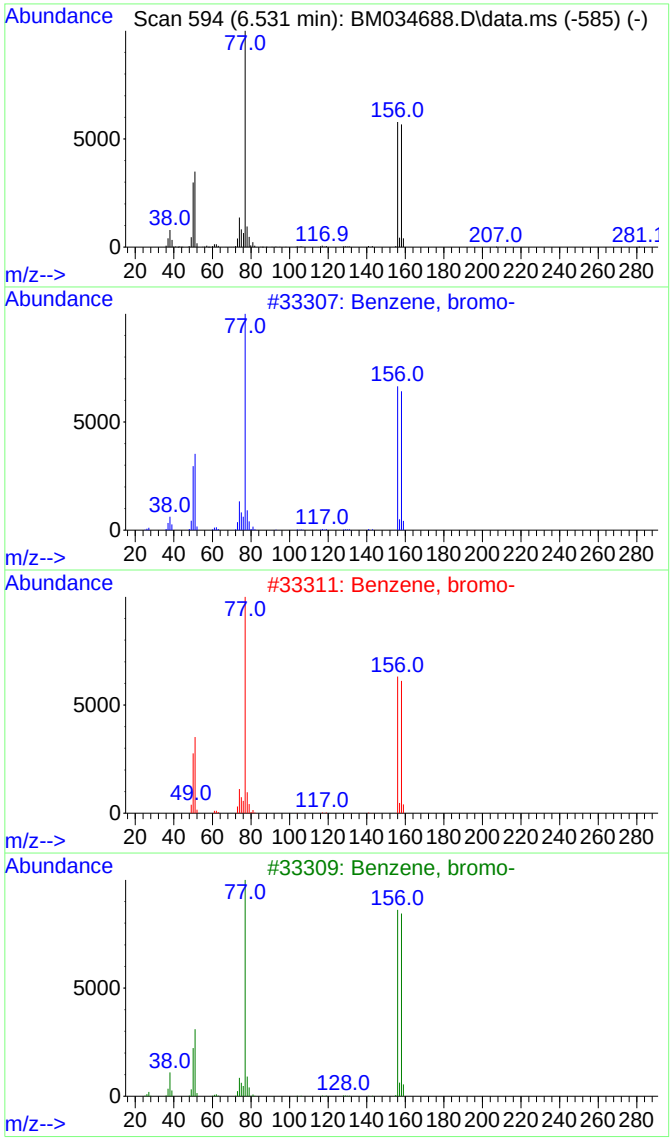
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

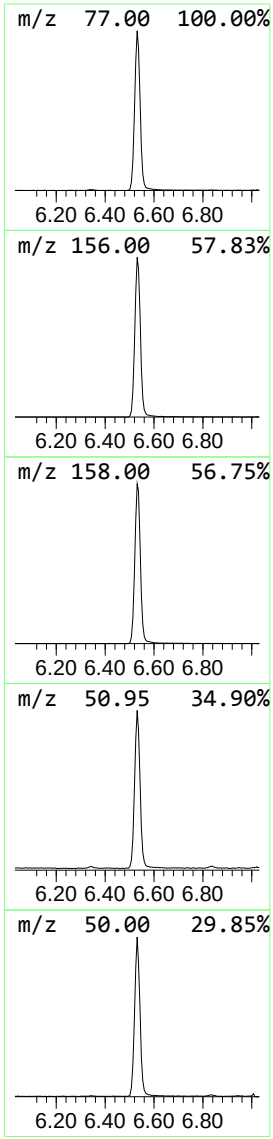
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, bromo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.531	47.26 ng/ul	2161910	1,4-Dichlorobenzene-d4	7.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	97
2	Benzene, bromo-	156	C6H5Br	000108-86-1	96
3	Benzene, bromo-	156	C6H5Br	000108-86-1	95
4	Benzene, bromo-	156	C6H5Br	000108-86-1	91
5	Benzene, bromo-	156	C6H5Br	000108-86-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
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BNA_M
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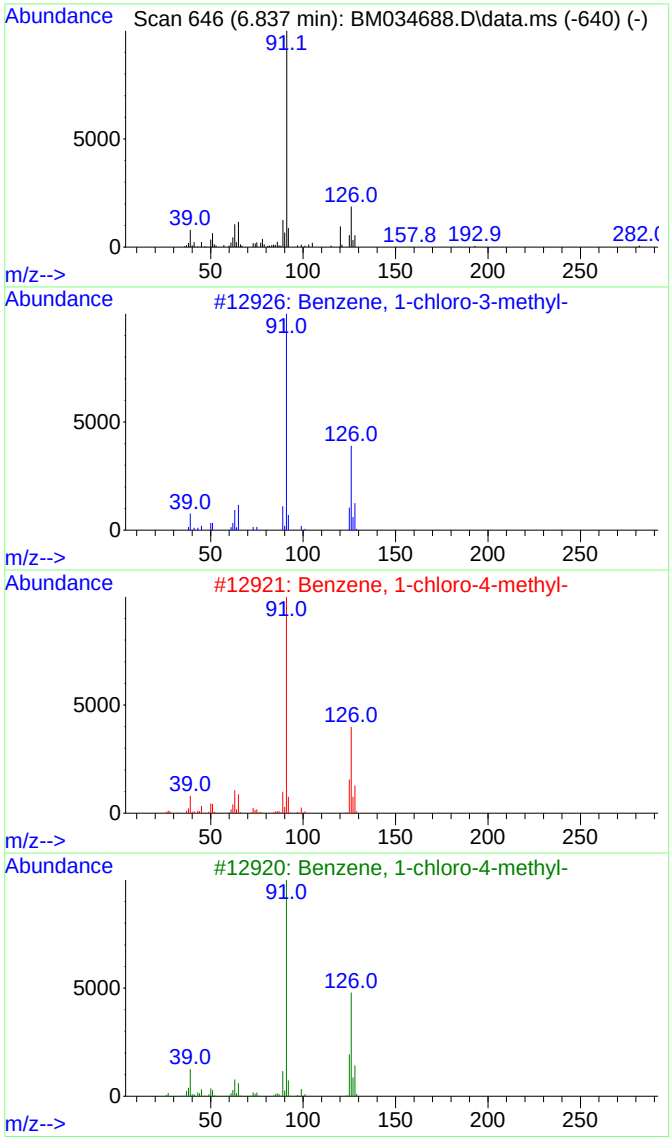
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

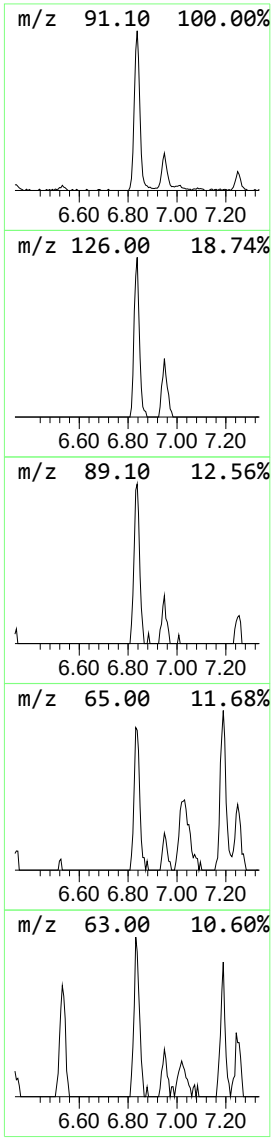
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-chloro-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.837	2.55 ng/ul	116741	1,4-Dichlorobenzene-d4	7.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	87
2	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	83
3	Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	83
4	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	83
5	Benzyl chloride	126	C7H7Cl	000100-44-7	81





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Data File : BM034688.D
Acq On : 15 Apr 2022 03:39
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Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
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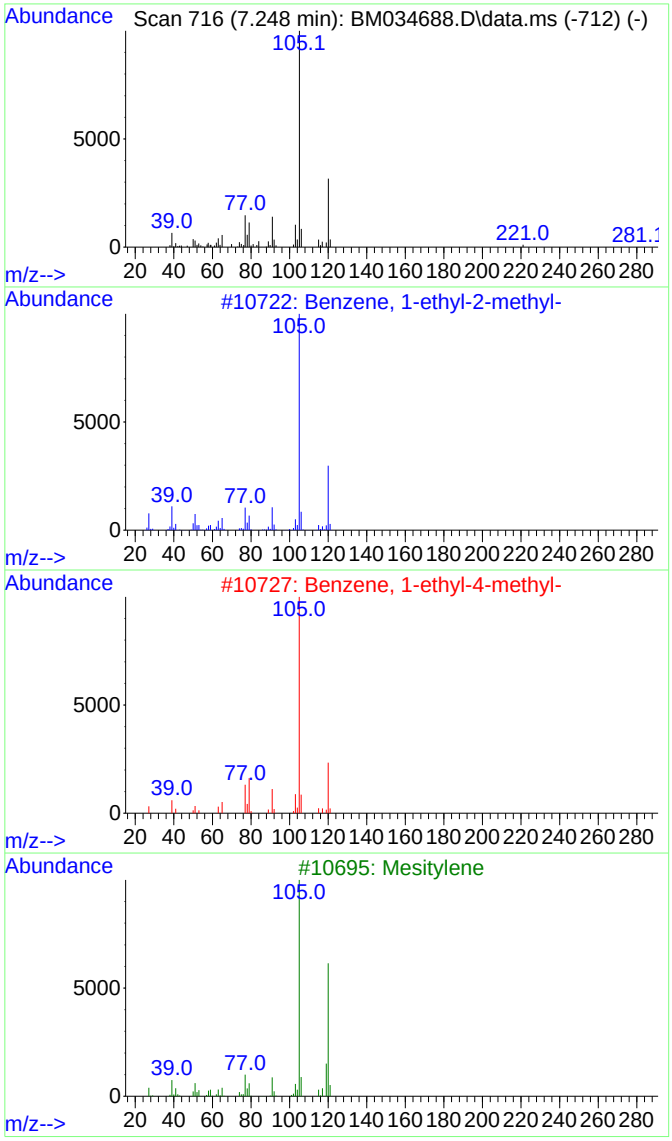
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

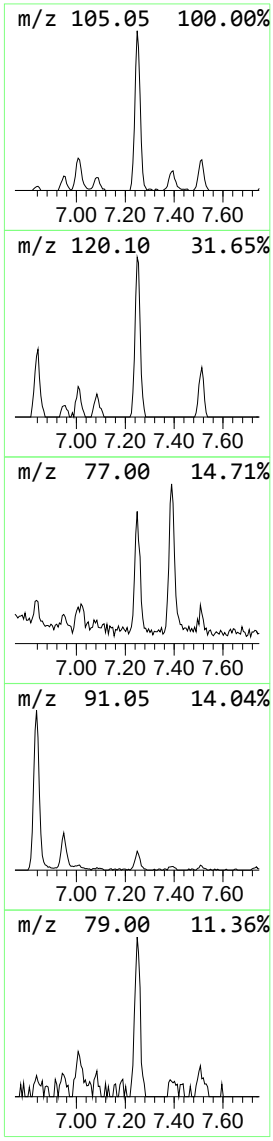
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.248	2.14 ng/ul	97849	1,4-Dichlorobenzene-d4	7.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
Data File : BM034688.D
Acq On : 15 Apr 2022 03:39
Operator : CG/JU
Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETNR2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

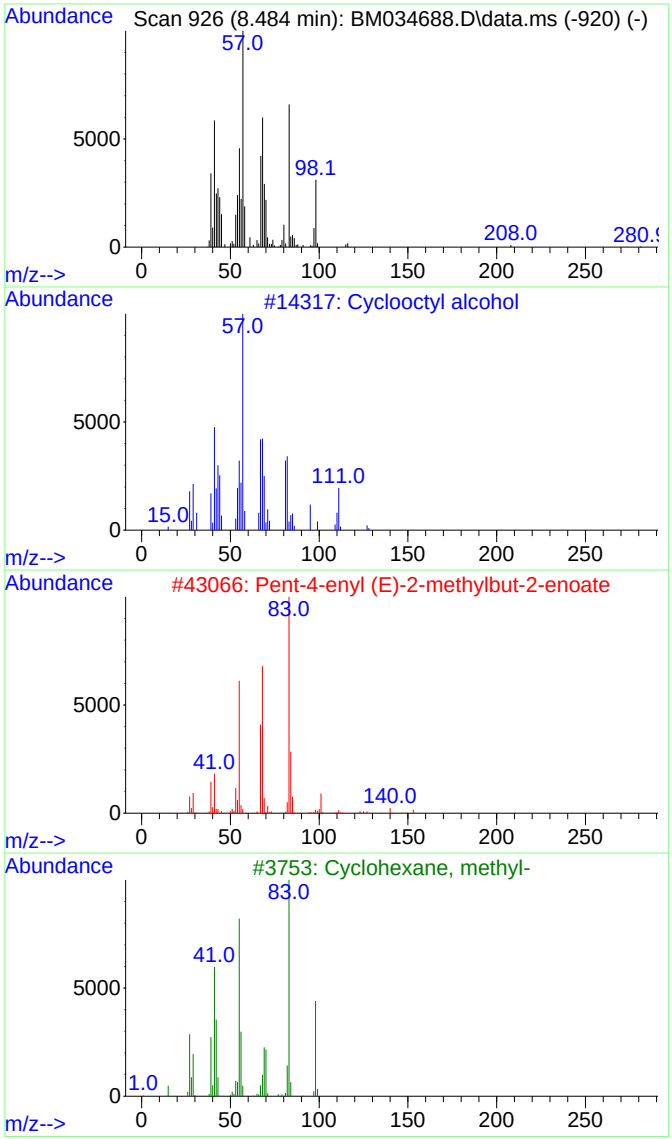
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

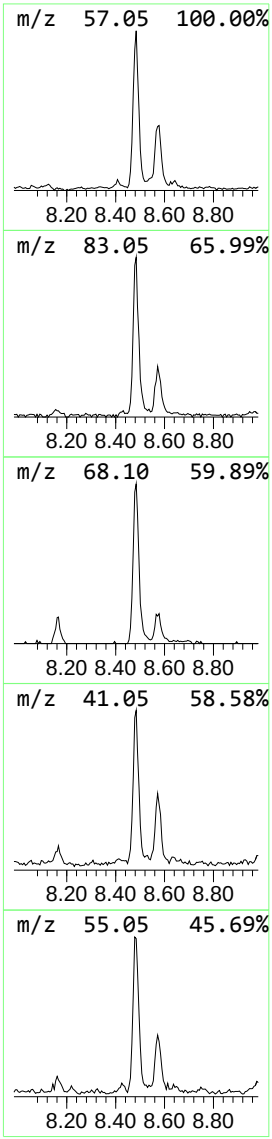
****

Peak Number 7 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.484	5.88 ng/ul	268900	1,4-Dichlorobenzene-d4	7.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctyl alcohol	128	C8H16O	000696-71-9	43
2	Pent-4-enyl (E)-2-methylbut-2-en...	168	C10H16O2	1000373-73-9	35
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	30
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	30
5	2-Hexenal	98	C6H10O	000505-57-7	27





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Data File : BM034688.D
Acq On : 15 Apr 2022 03:39
Operator : CG/JU
Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETNR2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

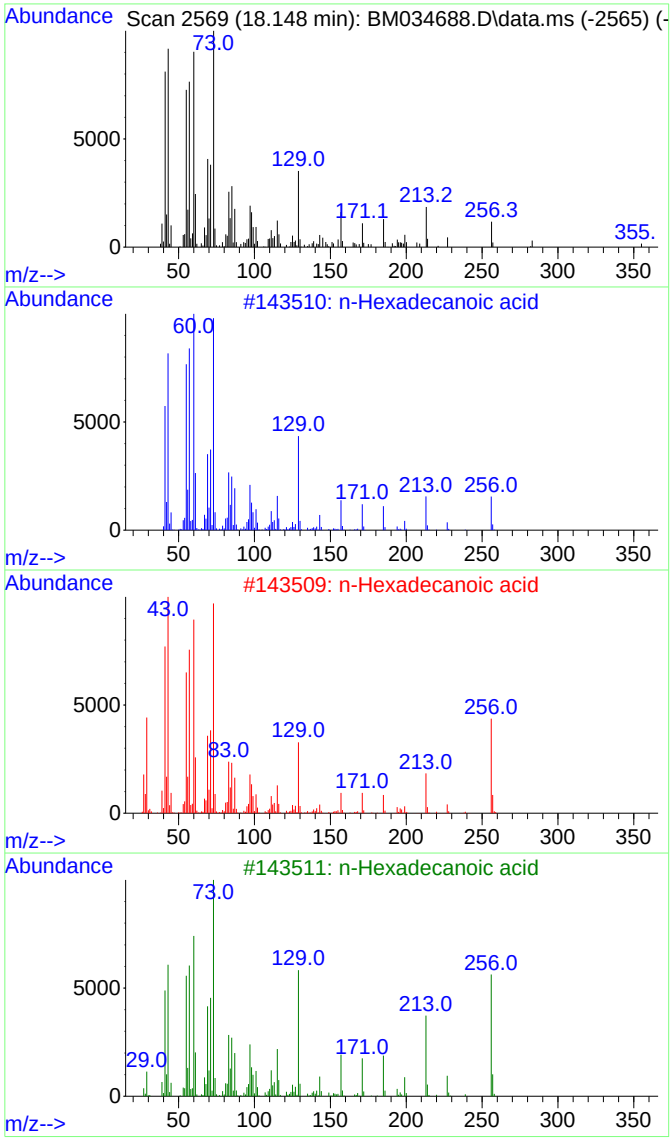
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

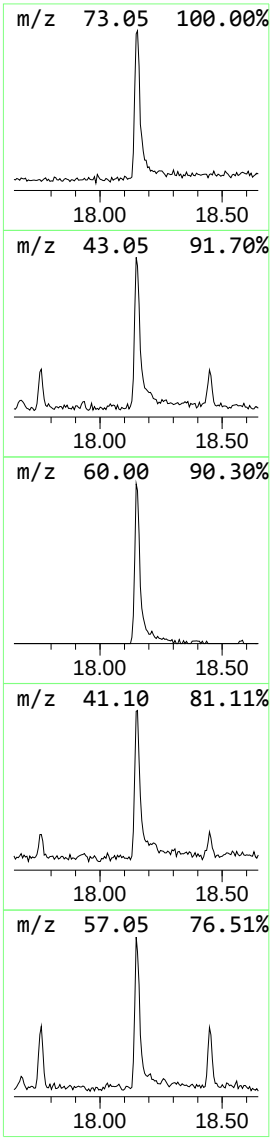
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.148	2.77 ng/ul	235032	Phenanthrene-d10	17.254

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Data File : BM034688.D
Acq On : 15 Apr 2022 03:39
Operator : CG/JU
Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETNR2

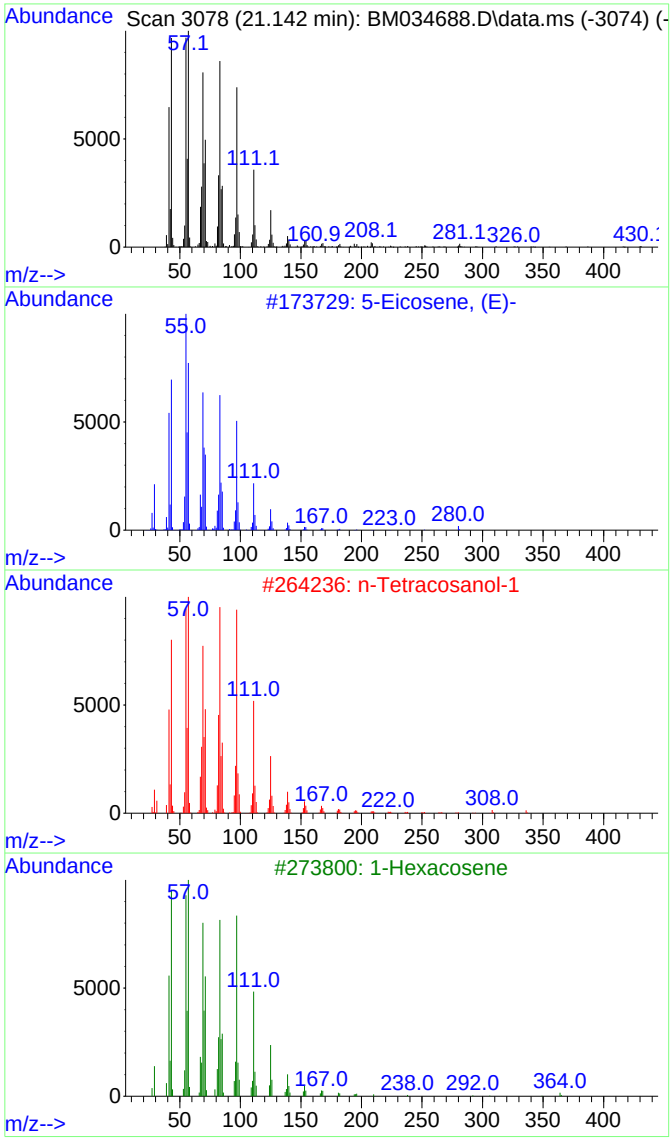
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

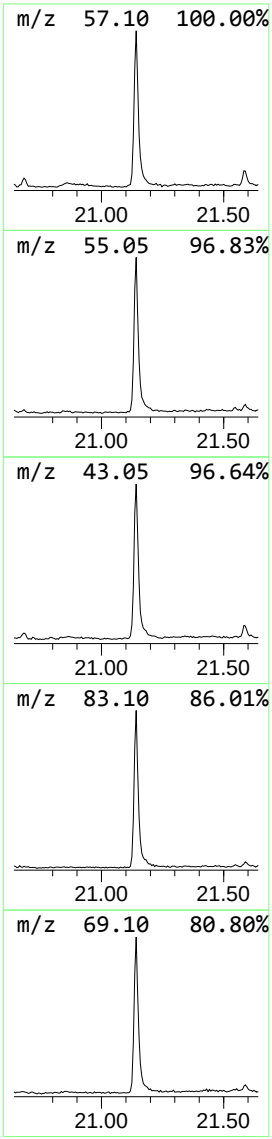
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.142	9.66 ng/ul	839135	Chrysene-d12	21.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
Data File : BM034688.D
Acq On : 15 Apr 2022 03:39
Operator : CG/JU
Sample : N2316-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETNR2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.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
Propane, 1,3-di...	4.231	4.1	ng/ul	187978	1	7.860	914969	20.0
Benzene, bromo-	6.531	47.3	ng/ul	2161910	1	7.860	914969	20.0
Benzene, 1-chlo...	6.837	2.5	ng/ul	116741	1	7.860	914969	20.0
Benzene, 1-ethy...	7.248	2.1	ng/ul	97849	1	7.860	914969	20.0
unknown-01	8.484	5.9	ng/ul	268900	1	7.860	914969	20.0
n-Hexadecanoic ...	18.148	2.8	ng/ul	235032	4	17.254	1698120	20.0
(DEL) Alkane: S...	21.142	9.7	ng/ul	839135	5	21.430	1737830	20.0