LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
Acq On : 16 Oct 2024 18:31
Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FB5

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-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048093.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	3	10	35	rVB2	7601374	14570637	100.00%	25.330%
2	3.240	40	43	51	rVB2	21929	35159	0.24%	0.061%
3	3.511	85	89	92	rBV2	24144	32980	0.23%	0.057%
4	3.663	107	115	120	rBV3	94288	173939	1.19%	0.302%
5	3.716	120	124	127	rVV	79461	114560	0.79%	0.199%
6	3.758	127	131	137	rVV	151942	207858	1.43%	0.361%
7	3.828	137	143	147	rVB3	22270	44031	0.30%	0.077%
8	3.963	160	166	176	rVB2	75104	140442	0.96%	0.244%
9	4.134	191	195	201	rVB4	20077	32671	0.22%	0.057%
10	4.228	206	211	215	rVB4	21856	32688	0.22%	0.057%
11	4.346	227	231	237	rVB	50147	77038	0.53%	0.134%
12	4.505	250	258	267	rBV2	550012	1235773	8.48%	2.148%
13	4.575	267	270	279	rVB	140802	203479	1.40%	0.354%
14	4.781	301	305	312	rVB4	19765	33140	0.23%	0.058%
15	4.893	318	324	331	rBV	42169	69952	0.48%	0.122%
16	4.987	335	340	345	rBV4	23537	46271	0.32%	0.080%
17	5.675	452	457	461	rBV4	35458	61431	0.42%	0.107%
18	5.722	461	465	472	rVV	73045	126107	0.87%	0.219%
19	5.787	472	476	480	rVV6	12645	25403	0.17%	0.044%
20	6.040	514	519	525	rBV7	20599	49985	0.34%	0.087%
21	6.134	531	535	537	rVV	23470	34709	0.24%	0.060%
22	6.157	537	539	551	rVB	35591	61349	0.42%	0.107%
23	6.410	575	582	591	rVB	604195	958089	6.58%	1.666%
24	6.622	609	618	625	rVB9	42494	116738	0.80%	0.203%
25	6.957	664	675	684	rBV	314797	606859	4.16%	1.055%
26	7.034	684	688	695	rVV5	15475	32938	0.23%	0.057%
27	7.110	695	701	710	rVV	294398	466975	3.20%	0.812%
28	7.316	729	736	744	rBV	372849	610395	4.19%	1.061%
29	7.469	758	762	770	rBV4	27451	57122	0.39%	0.099%
30	7.698	796	801	805	rBV6	14632	30058	0.21%	0.052%
31	7.781	807	815	822	rVV	932058	1529964	10.50%	2.660%
32	7.851	823	827	831	rVB3	14298	23475	0.16%	0.041%
33	7.957	840	845	850	rBV3	33593	56205	0.39%	0.098%
34	8.034	853	858	862	rBV3	44546	79312	0.54%	0.138%
35	8.093	862	868	875	rVB	322904	505181	3.47%	0.878%
36	8.493	928	936	943	rVV2	225464	420746	2.89%	0.731%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FB5

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-BM092724.MA.M
Title : SVOA CALIBRATION

37	8.545	943	945	950	rVV5	21829	40605	0.28%	0.071%
38	8.598	950	954	963	rVB	108109	187288	1.29%	0.326%
39	8.934	1004	1011	1021	rBV	315510	556548	3.82%	0.968%
40	9.022	1022	1026	1031	rVV2	38213	60919	0.42%	0.106%
41	9.357	1080	1083	1089	rVB3	25298	40022	0.27%	0.070%
42	9.498	1099	1107	1116	rBV2	36696	67288	0.46%	0.117%
43	9.657	1125	1134	1144	rBV	244349	443423	3.04%	0.771%
44	9.834	1158	1164	1172	rBV7	19101	57262	0.39%	0.100%
45	10.198	1218	1226	1248	rBV2	354832	852120	5.85%	1.481%
46	10.569	1280	1289	1296	rBV	1300492	2212762	15.19%	3.847%
47	10.716	1308	1314	1333	rVB	71966	209828	1.44%	0.365%
48	11.028	1360	1367	1375	rVB4	60886	117640	0.81%	0.205%
49	11.116	1375	1382	1386	rBV9	15272	34045	0.23%	0.059%
50	11.245	1400	1404	1407	rVV5	12650	23141	0.16%	0.040%
51	11.310	1409	1415	1421	rVV4	10892	24239	0.17%	0.042%
52	11.392	1421	1429	1436	rVV8	22895	53427	0.37%	0.093%
53	11.492	1439	1446	1453	rBV10	12455	28691	0.20%	0.050%
54	12.528	1618	1622	1627	rVV4	26934	37319	0.26%	0.065%
55	12.633	1634	1640	1643	rBV4	16965	30742	0.21%	0.053%
56	13.822	1833	1842	1851	rBV	688208	1026683	7.05%	1.785%
57	14.110	1880	1891	1905	rBV	805624	1309814	8.99%	2.277%
58	14.416	1935	1943	1950	rBV	1918422	2832726	19.44%	4.925%
59	14.475	1950	1953	1959	rVB	23970	42269	0.29%	0.073%
60	14.639	1974	1981	1993	rBV2	136472	337895	2.32%	0.587%
61	14.733	1993	1997	2001	rVB	55646	73048	0.50%	0.127%
62	15.216	2073	2079	2082	rBV4	14117	29044	0.20%	0.050%
63	15.410	2105	2112	2118	rBV	1049567	1581961	10.86%	2.750%
64	15.463	2118	2121	2128	rVV2	37561	61116	0.42%	0.106%
65	15.533	2128	2133	2140	rVV	83923	130775	0.90%	0.227%
66	15.769	2165	2173	2183	rBV	413342	639254	4.39%	1.111%
67	16.069	2217	2224	2230	rBV	92844	136928	0.94%	0.238%
68	16.133	2231	2235	2242	rVB8	18879	36703	0.25%	0.064%
69	16.457	2286	2290	2297	rVV9	13036	23935	0.16%	0.042%
70	16.816	2347	2351	2353	rBV3	19949	28082	0.19%	0.049%
71	16.851	2353	2357	2364	rVV6	35030	62944	0.43%	0.109%
72	16.980	2375	2379	2384	rVB	23716	35215	0.24%	0.061%
73	17.157	2403	2409	2413	rBV	2145318	3129062	21.48%	5.440%
74	17.198	2413	2416	2421	rVV	428544	601802	4.13%	1.046%
75	17.257	2421	2426	2436	rVB	1069386	1700366	11.67%	2.956%
76	17.439	2454	2457	2461	rVB2	19445	23978	0.16%	0.042%

LSC Area Percent Report

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Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4FB5

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-BM092724.MA.M
Title : SVOA CALIBRATION

77	17.563	2475	2478	2484	rVB	26897	41454	0.28%	0.072%
78	17.827	2519	2523	2526	rBV6	14785	24920	0.17%	0.043%
79	17.927	2536	2540	2543	rBV5	16541	26428	0.18%	0.046%
80	18.051	2554	2561	2571	rBV2	469324	893694	6.13%	1.554%
81	18.227	2586	2591	2595	rBV2	91632	157108	1.08%	0.273%
82	18.345	2608	2611	2615	rBV6	20257	32873	0.23%	0.057%
83	18.533	2640	2643	2646	rBV	42654	47095	0.32%	0.082%
84	18.574	2646	2650	2655	rBV2	65628	98285	0.67%	0.171%
85	18.774	2680	2684	2689	rVB2	71609	103101	0.71%	0.179%
86	18.851	2691	2697	2703	rBV3	25976	74060	0.51%	0.129%
87	18.951	2711	2714	2717	rBV2	32480	47184	0.32%	0.082%
88	19.215	2753	2759	2764	rVB	1087507	1484522	10.19%	2.581%
89	19.268	2765	2768	2772	rVB2	89200	110639	0.76%	0.192%
90	19.327	2774	2778	2782	rBV3	143769	198346	1.36%	0.345%
91	19.545	2810	2815	2818	rBV	1181616	1671149	11.47%	2.905%
92	19.574	2818	2820	2828	rVB	511645	635271	4.36%	1.104%
93	20.068	2901	2904	2913	rVB3	136760	227020	1.56%	0.395%
94	20.168	2919	2921	2925	rVB	84839	83046	0.57%	0.144%
95	21.062	3070	3073	3081	rVB4	262107	395648	2.72%	0.688%
96	21.386	3121	3128	3133	rBV2	2354198	4065204	27.90%	7.067%
97	21.427	3133	3135	3142	rVB	441587	572049	3.93%	0.994%
98	22.139	3253	3256	3267	rVB4	318076	688276	4.72%	1.197%
99	23.433	3472	3476	3483	rBV2	225156	493415	3.39%	0.858%
100	24.380	3630	3637	3651	rVB	1370176	3527514	24.21%	6.132%

Sum of corrected areas: 57522869

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
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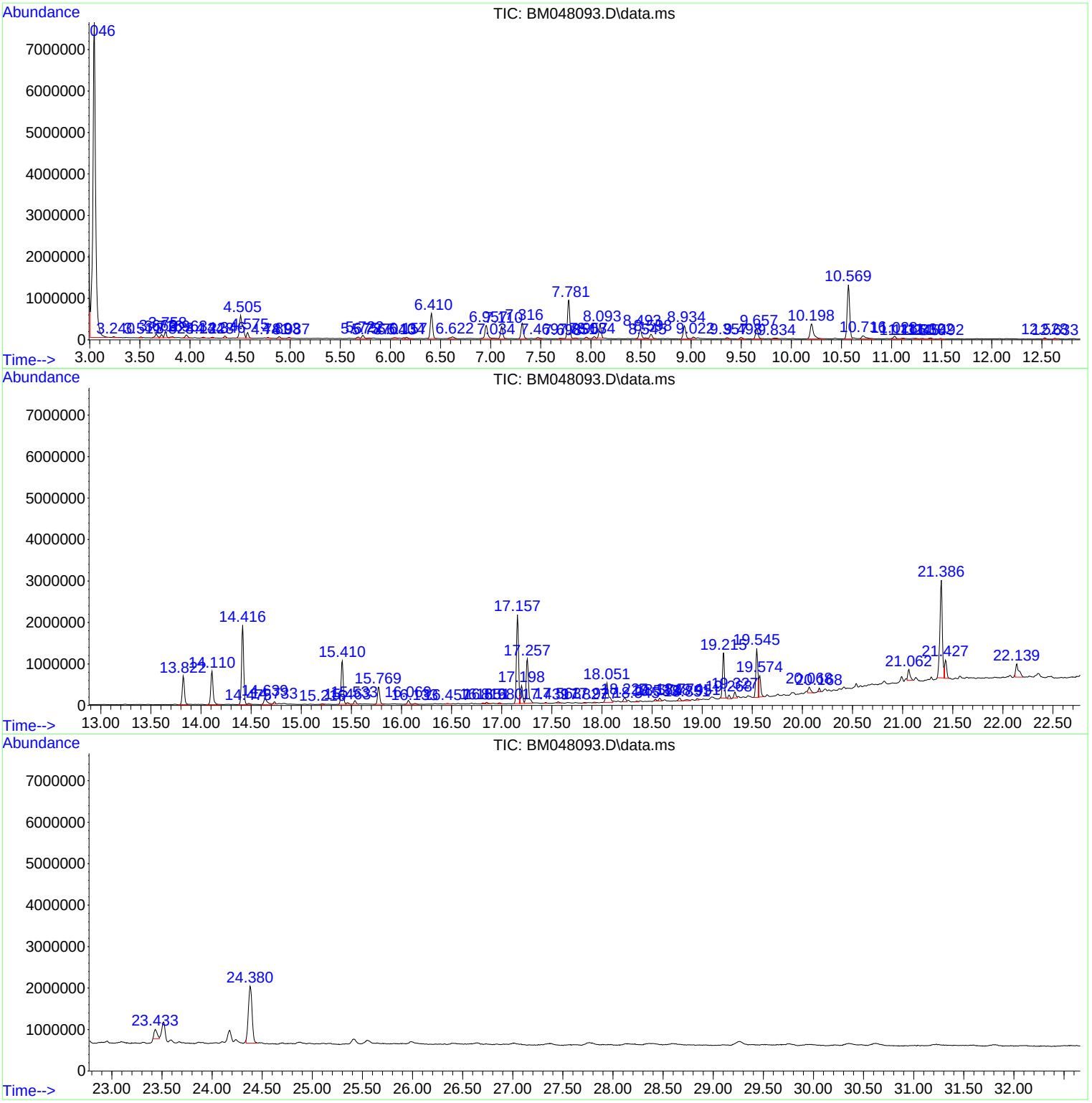
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FB5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
Acq On : 16 Oct 2024 18:31
Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FB5

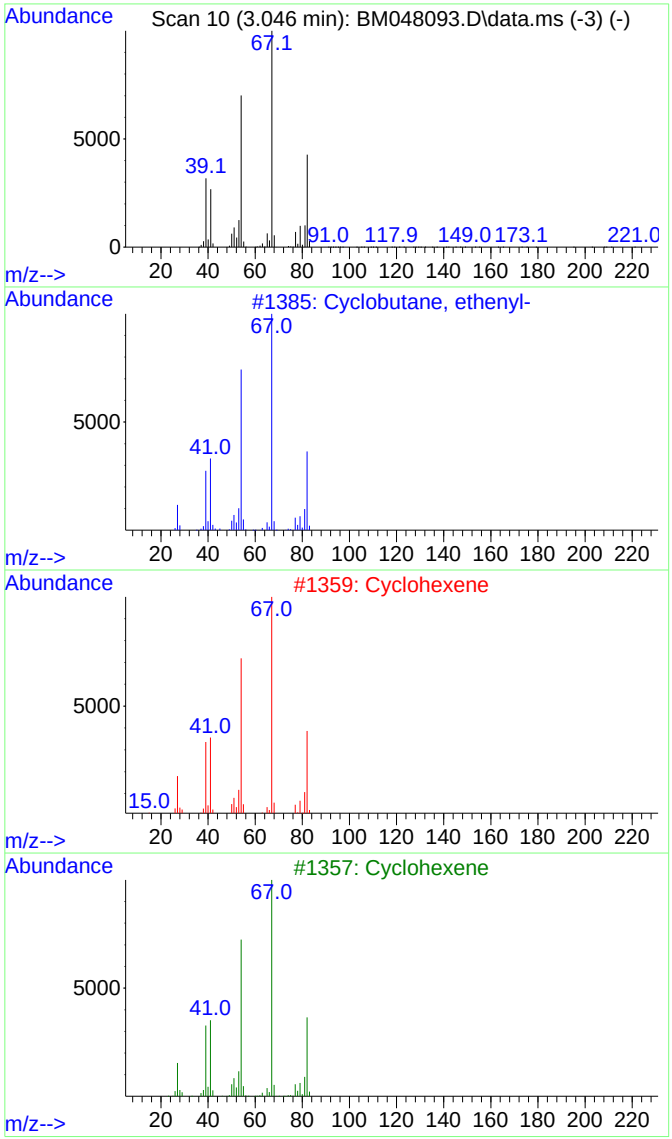
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

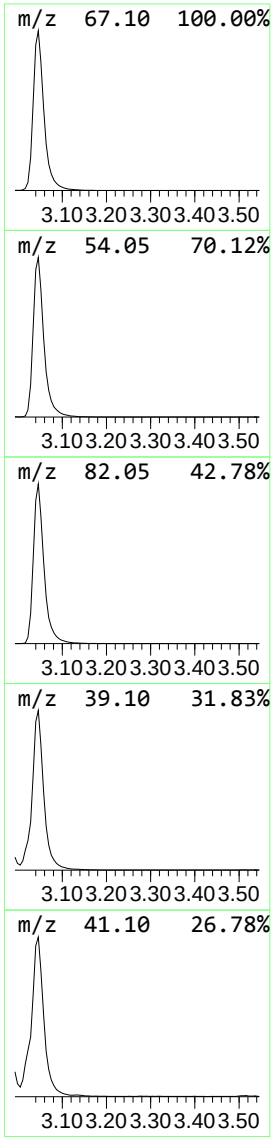
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclobutane, ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	190.47 ng/ul	14570600	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	93
2	Cyclohexene	82	C6H10	000110-83-8	93
3	Cyclohexene	82	C6H10	000110-83-8	90
4	Cyclohexene	82	C6H10	000110-83-8	90
5	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
Acq On : 16 Oct 2024 18:31
Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FB5

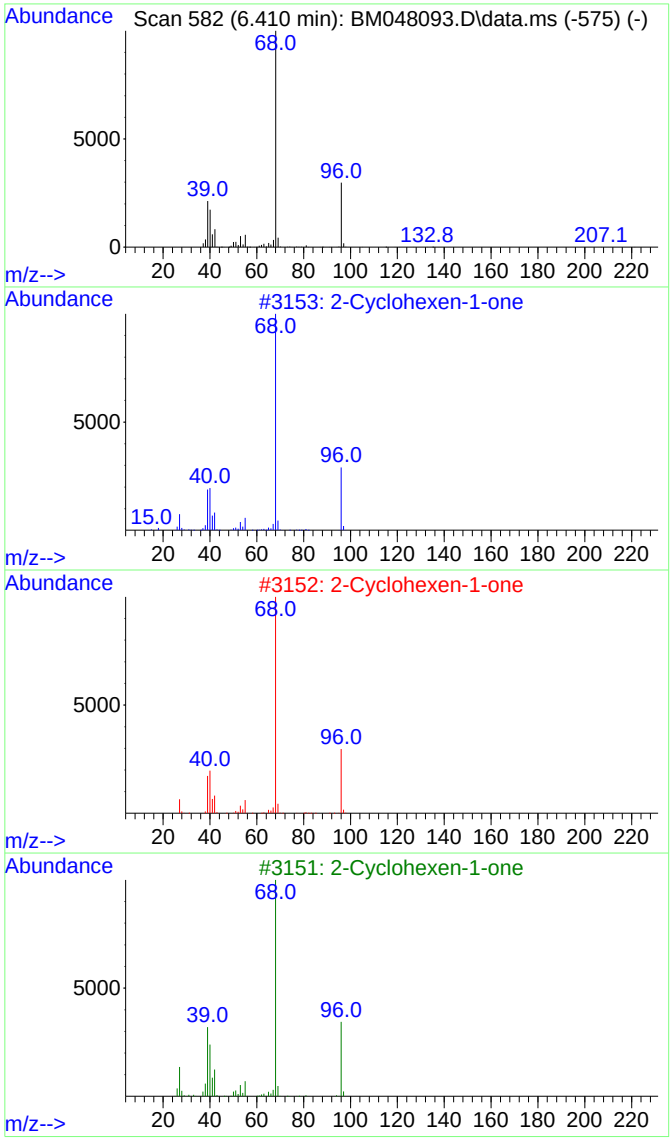
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

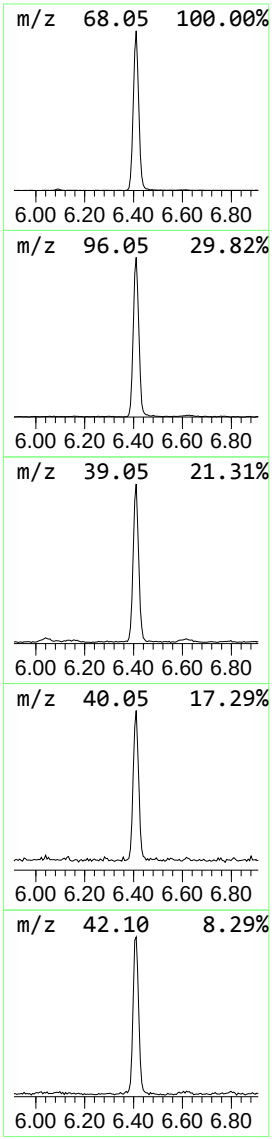
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclohexen-1-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	12.52 ng/ul	958089	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	58
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	43
5	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	36





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Acq On : 16 Oct 2024 18:31
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Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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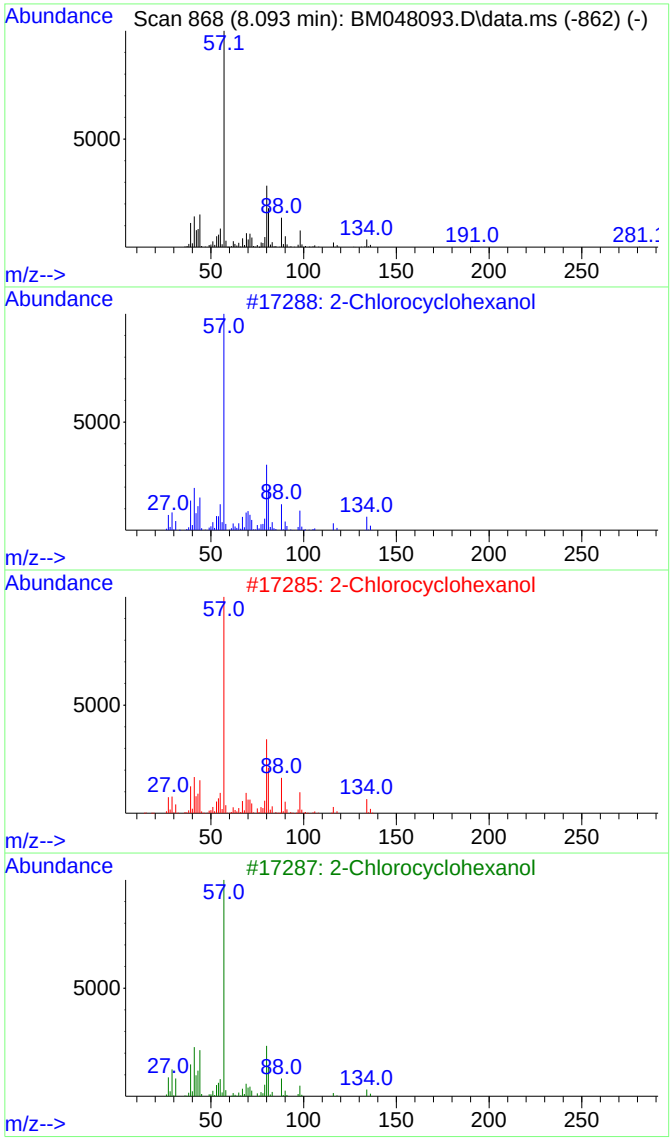
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

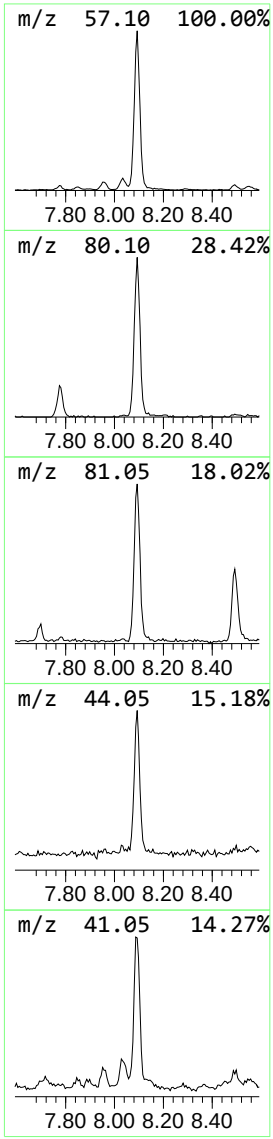
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Chlorocyclohexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.093	6.60 ng/ul	505181	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	95
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	74





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

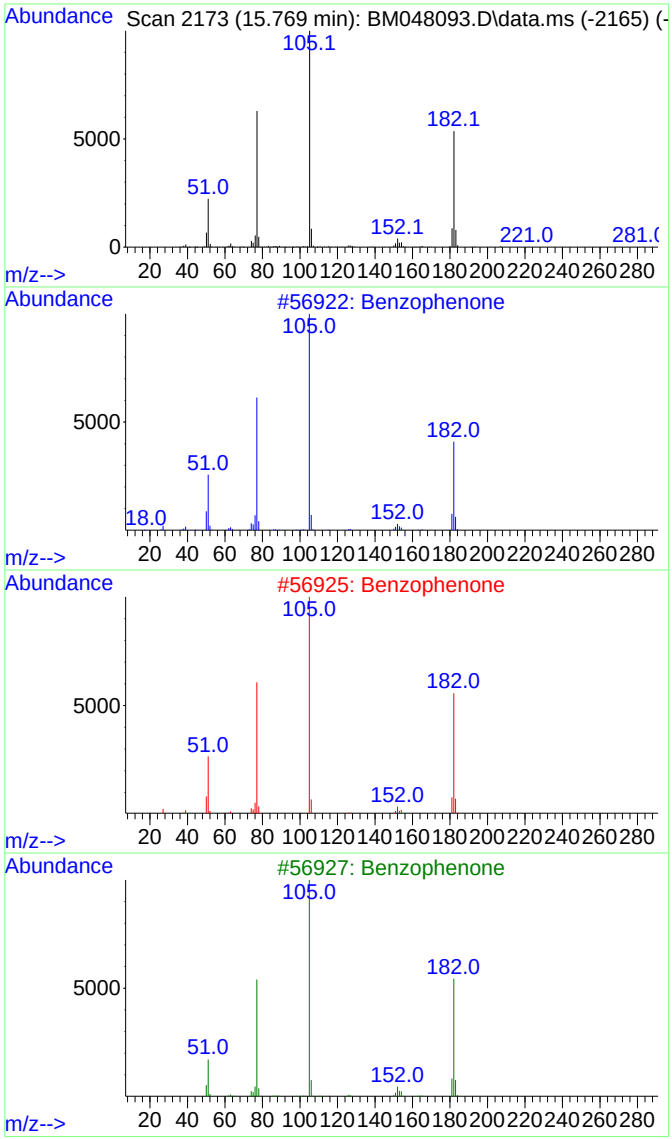
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

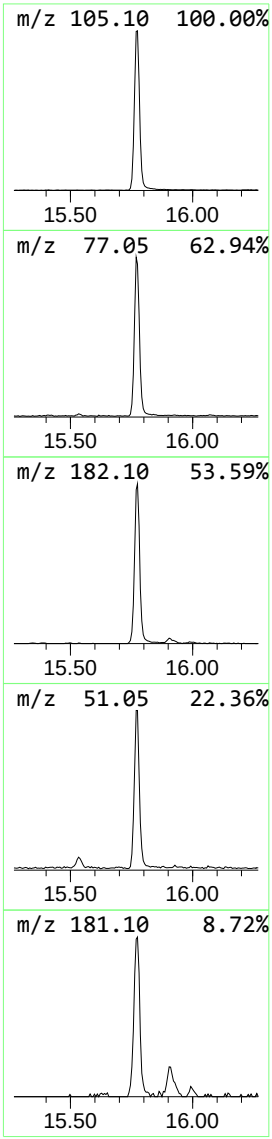
****

Peak Number 7 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.769	4.51 ng/ul	639254	Acenaphthene-d10	14.416

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	95
4	Benzophenone	182	C13H10O	000119-61-9	93
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
Acq On : 16 Oct 2024 18:31
Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FB5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

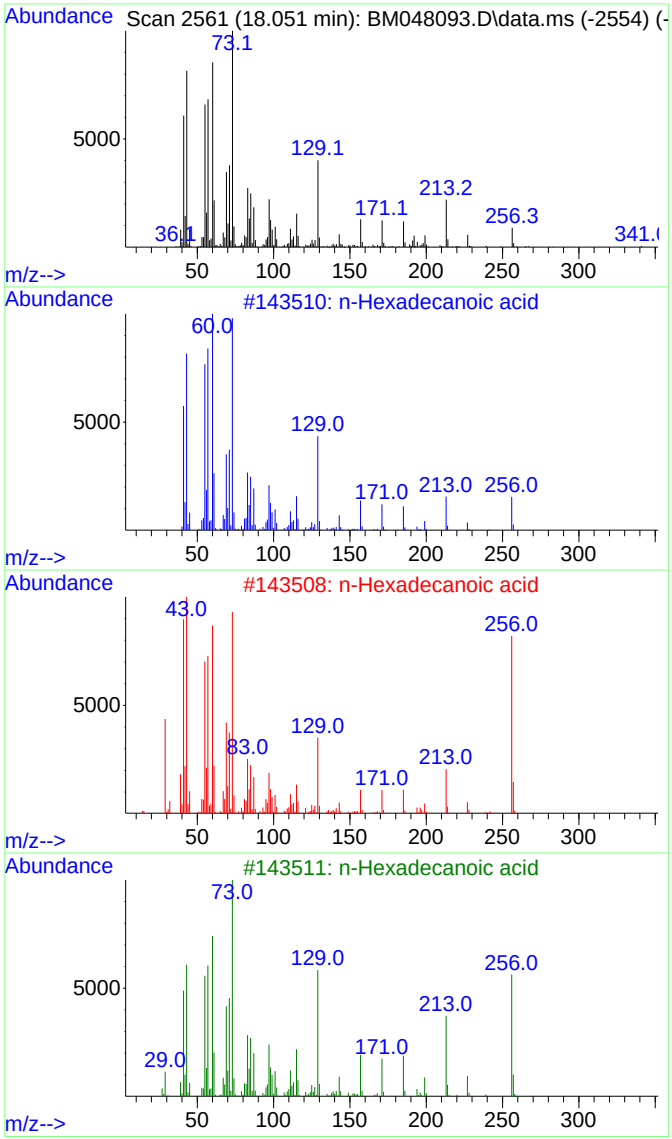
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

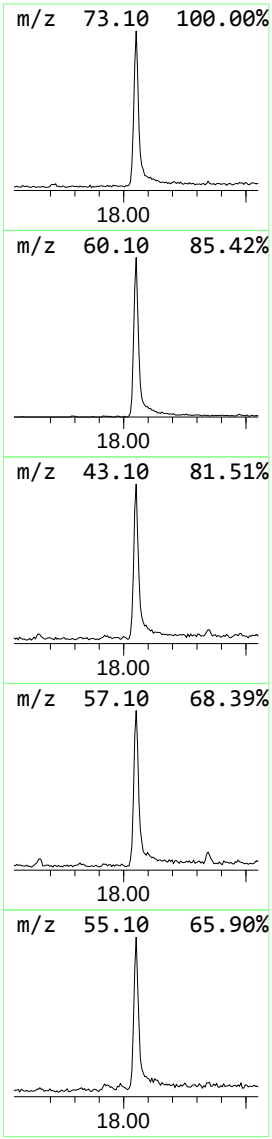
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	5.71 ng/ul	893694	Phenanthrene-d10	17.157

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
Acq On : 16 Oct 2024 18:31
Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FB5

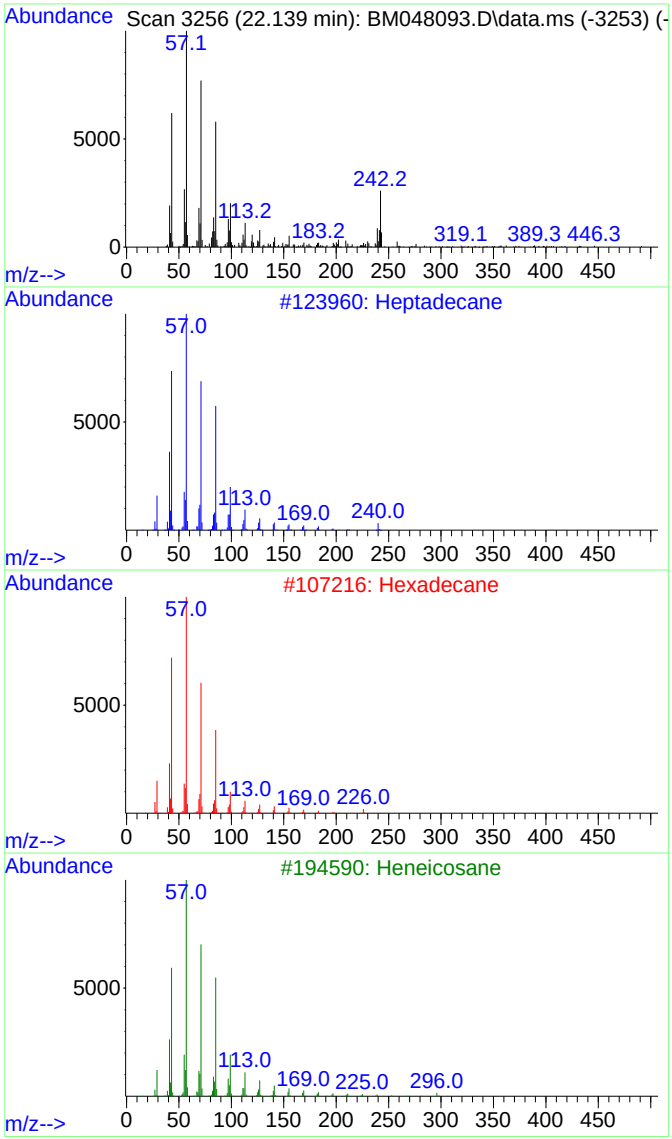
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

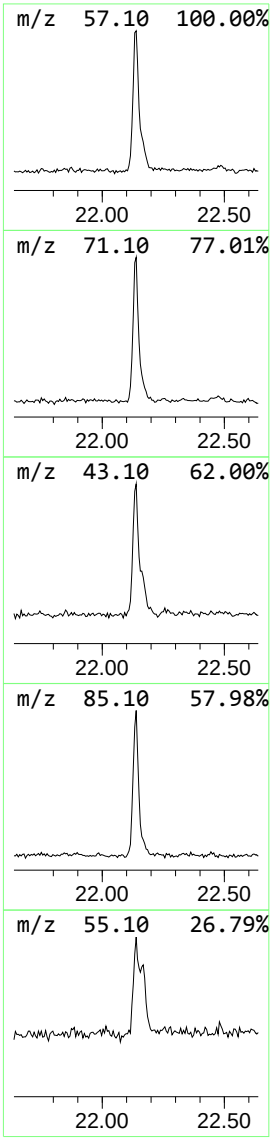
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.139	3.39 ng/ul	688276	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	92
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	83
5	Hexadecane	226	C16H34	000544-76-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
Acq On : 16 Oct 2024 18:31
Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4FB5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.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
Cyclobutane, et...	3.046	190.5	ng/ul	14570600	1	7.781	1529960	20.0
2-Cyclohexen-1-one	6.410	12.5	ng/ul	958089	1	7.781	1529960	20.0
2-Chlorocyclohe...	8.093	6.6	ng/ul	505181	1	7.781	1529960	20.0
Benzophenone	15.769	4.5	ng/ul	639254	3	14.416	2832730	20.0
n-Hexadecanoic ...	18.051	5.7	ng/ul	893694	4	17.157	3129060	20.0
(DEL) Alkane: S...	22.139	3.4	ng/ul	688276	5	21.386	4065200	20.0