LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

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: BM048090.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	34	rVB2	6857425	13125142	100.00%	17.580%
2	3.240	39	43	53	rVB	40082	68759	0.52%	0.092%
3	3.663	108	115	120	rBV3	79919	142702	1.09%	0.191%
4	3.716	120	124	127	rVV	69338	96321	0.73%	0.129%
5	3.757	127	131	137	rVV	134439	178163	1.36%	0.239%
6	3.963	159	166	173	rVB4	74050	141225	1.08%	0.189%
7	4.228	206	211	219	rVB5	21247	39316	0.30%	0.053%
8	4.352	227	232	238	rVB	50089	72152	0.55%	0.097%
9	4.504	250	258	267	rBV2	515586	1178105	8.98%	1.578%
10	4.575	267	270	281	rVB	130425	185548	1.41%	0.249%
11	4.775	301	304	310	rVB4	16583	28531	0.22%	0.038%
12	4.899	319	325	333	rVB2	68128	129587	0.99%	0.174%
13	4.987	333	340	351	rBV5	25709	59927	0.46%	0.080%
14	5.675	452	457	461	rVV4	35243	60607	0.46%	0.081%
15	5.722	461	465	472	rVV2	71104	113852	0.87%	0.152%
16	6.040	513	519	525	rBV7	22819	56407	0.43%	0.076%
17	6.134	532	535	537	rVV2	20544	29743	0.23%	0.040%
18	6.163	537	540	549	rVB	27588	50141	0.38%	0.067%
19	6.410	575	582	590	rVV	605369	956962	7.29%	1.282%
20	6.622	608	618	628	rVB7	41144	117279	0.89%	0.157%
21	6.793	639	647	652	rBV4	17204	37637	0.29%	0.050%
22	6.951	665	674	684	rVV	601047	1121266	8.54%	1.502%
23	7.110	695	701	711	rBV	558998	889305	6.78%	1.191%
24	7.316	729	736	746	rBV	703628	1145489	8.73%	1.534%
25	7.469	757	762	771	rBV5	26262	54934	0.42%	0.074%
26	7.781	808	815	822	rBV	898883	1477835	11.26%	1.979%
27	7.845	822	826	831	rVB4	19785	32989	0.25%	0.044%
28	8.034	852	858	862	rBV5	28863	49305	0.38%	0.066%
29	8.092	862	868	874	rBV	323044	512956	3.91%	0.687%
30	8.492	921	936	943	rBV	617962	1075297	8.19%	1.440%
31	8.545	943	945	949	rVV4	24304	44229	0.34%	0.059%
32	8.598	949	954	962	rVB	131824	217984	1.66%	0.292%
33	8.934	1004	1011	1020	rVV	622399	1040583	7.93%	1.394%
34	9.028	1021	1027	1031	rVV2	45768	86719	0.66%	0.116%
35	9.069	1031	1034	1042	rVB8	21796	45635	0.35%	0.061%
36	9.363	1079	1084	1089	rVB2	30515	50918	0.39%	0.068%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

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	9.498	1100	1107	1115	rBV	77896	136816	1.04%	0.183%
38	9.651	1124	1133	1152	rBV	484642	889916	6.78%	1.192%
39	9.834	1158	1164	1172	rBV3	26487	60073	0.46%	0.080%
40	10.010	1186	1194	1201	rBV5	16296	36083	0.27%	0.048%
41	10.198	1217	1226	1244	rBV	742910	1538619	11.72%	2.061%
42	10.433	1259	1266	1273	rBV3	16563	32509	0.25%	0.044%
43	10.569	1282	1289	1296	rBV	1260069	2160474	16.46%	2.894%
44	10.716	1307	1314	1331	rBV	161999	405563	3.09%	0.543%
45	11.028	1360	1367	1375	rVB4	59003	116381	0.89%	0.156%
46	11.116	1375	1382	1389	rBV8	28521	62257	0.47%	0.083%
47	11.392	1422	1429	1437	rVB10	22564	55103	0.42%	0.074%
48	12.157	1553	1559	1566	rVV4	17521	36203	0.28%	0.048%
49	12.527	1618	1622	1630	rVB2	26578	41254	0.31%	0.055%
50	12.633	1633	1640	1642	rBV3	18012	29510	0.22%	0.040%
51	13.245	1740	1744	1749	rVB3	18163	30640	0.23%	0.041%
52	13.598	1797	1804	1808	rBV8	13861	30109	0.23%	0.040%
53	13.739	1817	1828	1833	rBV8	19410	46692	0.36%	0.063%
54	13.821	1834	1842	1850	rBV	1299977	1954593	14.89%	2.618%
55	14.110	1881	1891	1906	rBV	1619536	2542277	19.37%	3.405%
56	14.416	1933	1943	1950	rBV	1901468	2813383	21.44%	3.768%
57	14.480	1950	1954	1960	rVV	51014	89280	0.68%	0.120%
58	14.633	1974	1980	1994	rBV2	350103	875657	6.67%	1.173%
59	14.774	2000	2004	2008	rBV3	30902	52554	0.40%	0.070%
60	14.816	2008	2011	2014	rVV	31460	51968	0.40%	0.070%
61	14.880	2018	2022	2028	rVB3	47449	77454	0.59%	0.104%
62	15.210	2073	2078	2084	rBV7	30076	53511	0.41%	0.072%
63	15.410	2105	2112	2118	rVV	2070309	2997228	22.84%	4.015%
64	15.463	2118	2121	2127	rVB3	69683	100252	0.76%	0.134%
65	15.533	2128	2133	2140	rVV	264151	395632	3.01%	0.530%
66	15.668	2153	2156	2163	rVB4	27611	45121	0.34%	0.060%
67	15.774	2167	2174	2180	rBV	652926	950090	7.24%	1.273%
68	15.986	2206	2210	2217	rBV8	17716	35602	0.27%	0.048%
69	16.068	2220	2224	2229	rVV	97774	135200	1.03%	0.181%
70	16.139	2231	2236	2242	rVB7	30044	67296	0.51%	0.090%
71	16.392	2275	2279	2282	rVB	21121	29019	0.22%	0.039%
72	16.692	2327	2330	2334	rVB5	24406	35964	0.27%	0.048%
73	16.815	2347	2351	2354	rBV	46065	69330	0.53%	0.093%
74	16.915	2365	2368	2372	rVB4	28490	32032	0.24%	0.043%
75	16.974	2375	2378	2383	rVB	48245	58872	0.45%	0.079%
76	17.033	2385	2388	2391	rVV4	27920	40351	0.31%	0.054%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

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-BM092724.MA.M
Title : SVOA CALIBRATION

77	17.068	2391	2394	2398	rVB5	43161	61688	0.47%	0.083%
78	17.157	2403	2409	2413	rBV	2196612	3135407	23.89%	4.200%
79	17.198	2413	2416	2421	rVB	820878	1092050	8.32%	1.463%
80	17.257	2421	2426	2431	rBV2	2075085	3026785	23.06%	4.054%
81	17.333	2436	2439	2449	rVB8	43200	87739	0.67%	0.118%
82	17.562	2475	2478	2482	rVB	58671	73329	0.56%	0.098%
83	17.739	2505	2508	2516	rVB4	69006	144497	1.10%	0.194%
84	18.051	2554	2561	2571	rBV2	889655	1593430	12.14%	2.134%
85	18.227	2586	2591	2595	rBV2	198516	326766	2.49%	0.438%
86	18.533	2640	2643	2646	rVV	81897	88191	0.67%	0.118%
87	18.574	2646	2650	2655	rVB	137990	183560	1.40%	0.246%
88	19.092	2734	2738	2746	rBV2	95297	207287	1.58%	0.278%
89	19.209	2754	2758	2766	rVB	1888212	2560652	19.51%	3.430%
90	19.327	2775	2778	2782	rBV	230608	288061	2.19%	0.386%
91	19.545	2810	2815	2818	rBV	2189300	3059074	23.31%	4.097%
92	19.574	2818	2820	2829	rVB	1018483	1222800	9.32%	1.638%
93	20.068	2901	2904	2910	rVB2	257072	420855	3.21%	0.564%
94	21.056	3069	3072	3082	rVB4	664961	1041131	7.93%	1.394%
95	21.286	3107	3111	3115	rVB	540664	689481	5.25%	0.923%
96	21.386	3121	3128	3132	rBV2	2254673	4348138	33.13%	5.824%
97	21.427	3132	3135	3148	rVB	822994	1331739	10.15%	1.784%
98	23.433	3471	3476	3483	rBV	565655	1425648	10.86%	1.910%
99	24.174	3598	3602	3608	rVB	488005	1014967	7.73%	1.359%
100	24.386	3630	3638	3647	rVB	1324902	3312214	25.24%	4.436%

Sum of corrected areas: 74659907

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
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Operator : RC/JU
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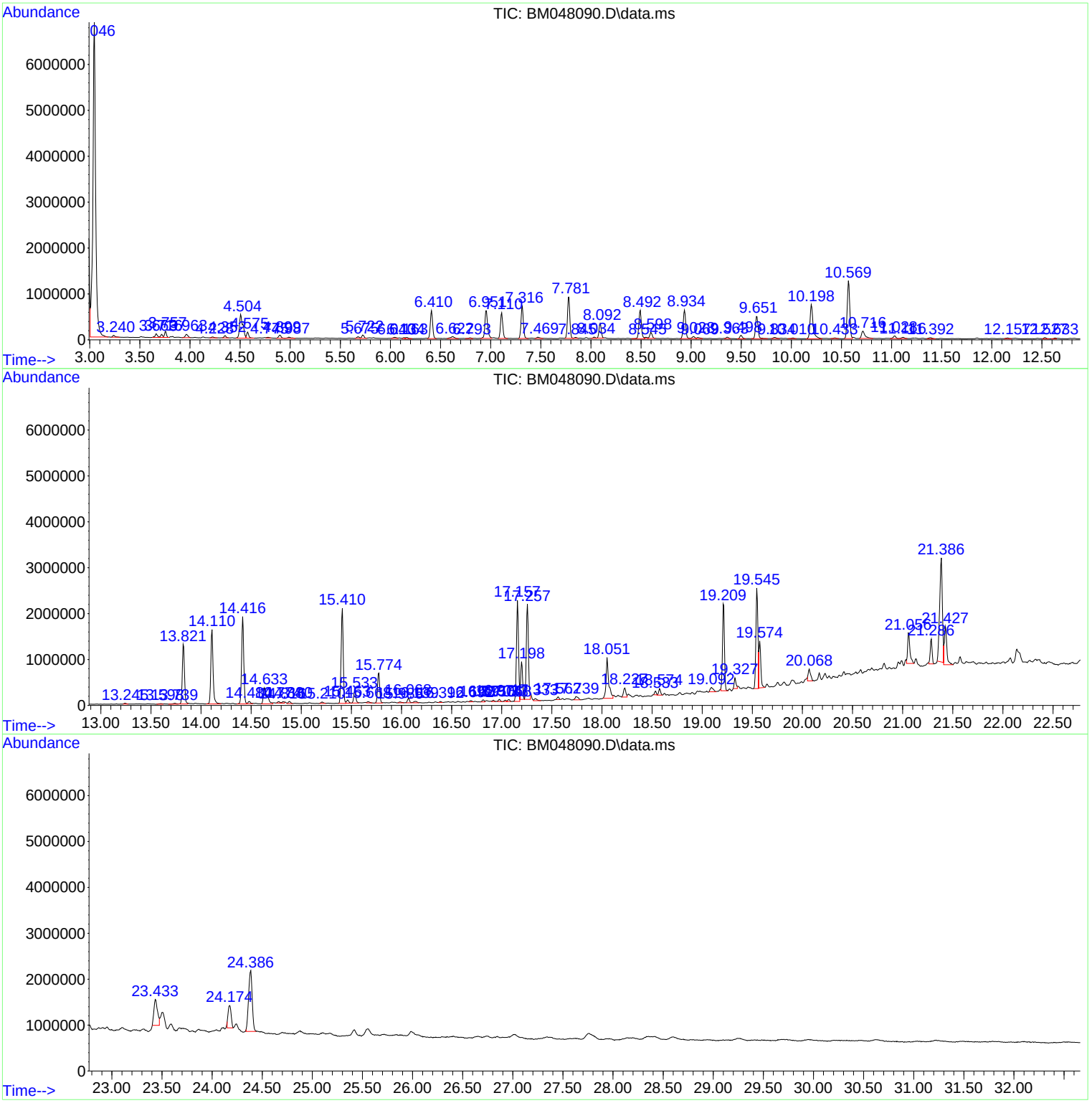
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

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 : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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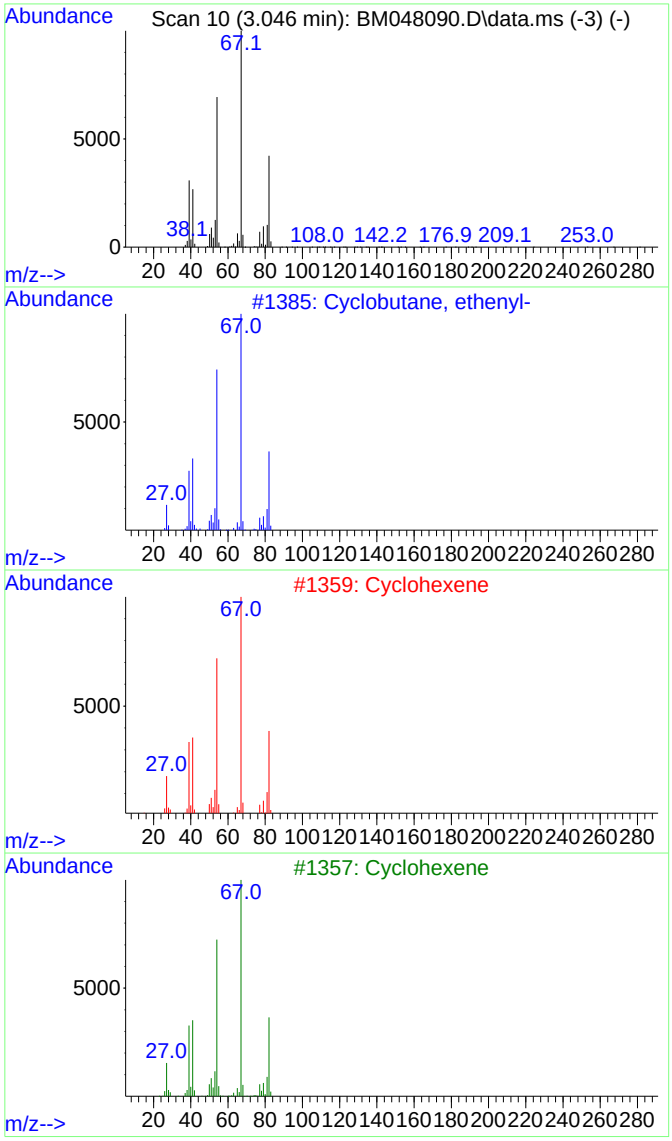
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

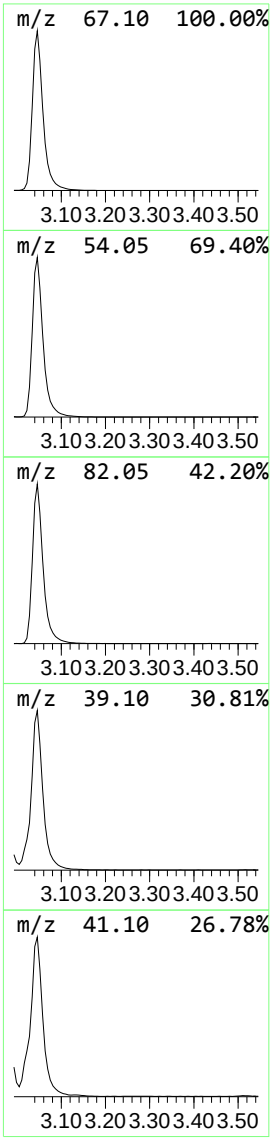
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	177.63 ng/ul	13125100	1,4-Dichlorobenzene-d4	7.775

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	Ethylidenecyclobutane	82	C6H10	001528-21-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

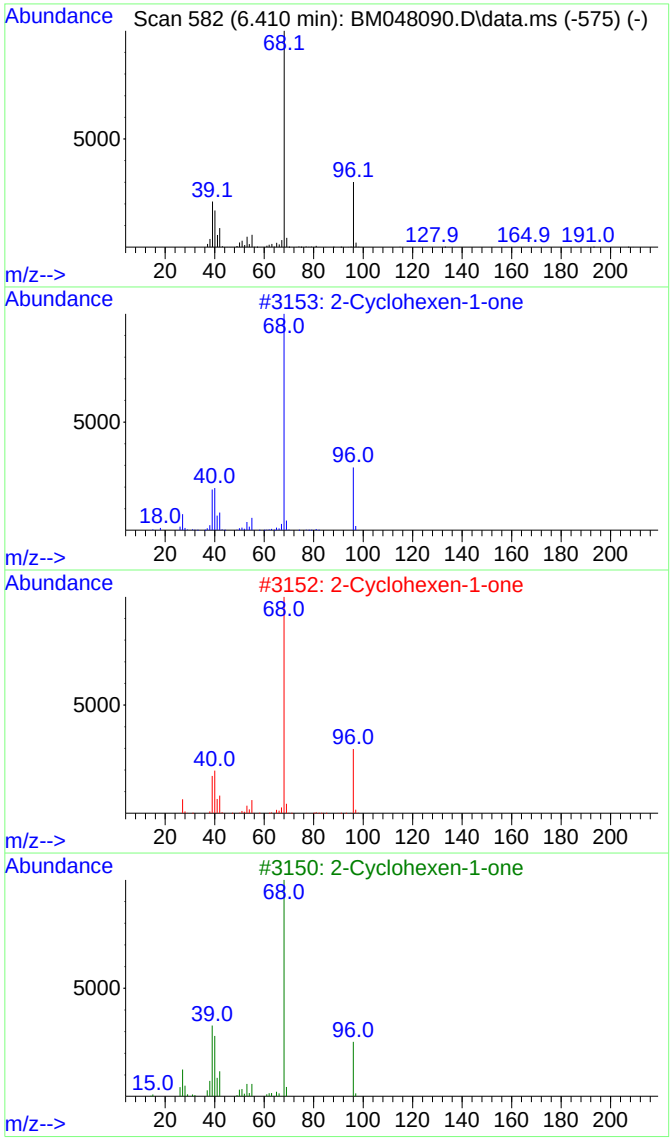
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

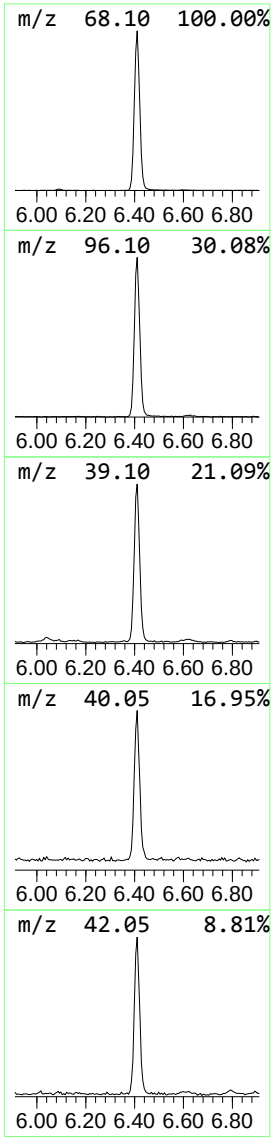
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	12.95 ng/ul	956962	1,4-Dichlorobenzene-d4	7.775

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	91
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	58
5	3-Butyn-2-amine, 2-methyl-	83	C5H9N	002978-58-7	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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Acq On : 16 Oct 2024 16:33
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Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

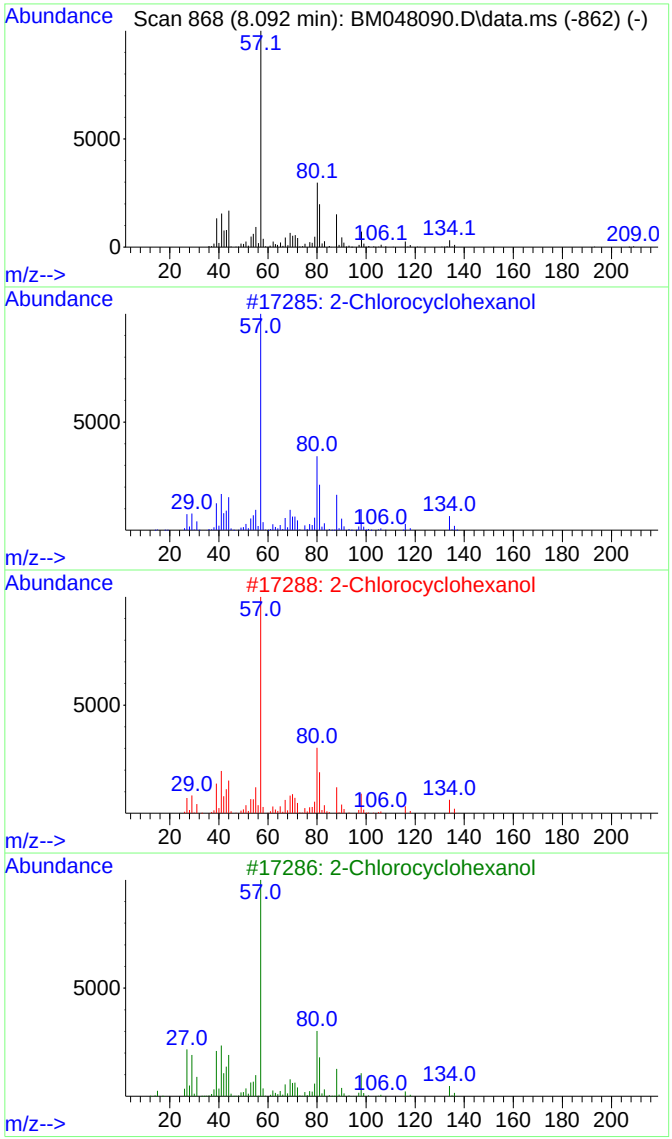
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

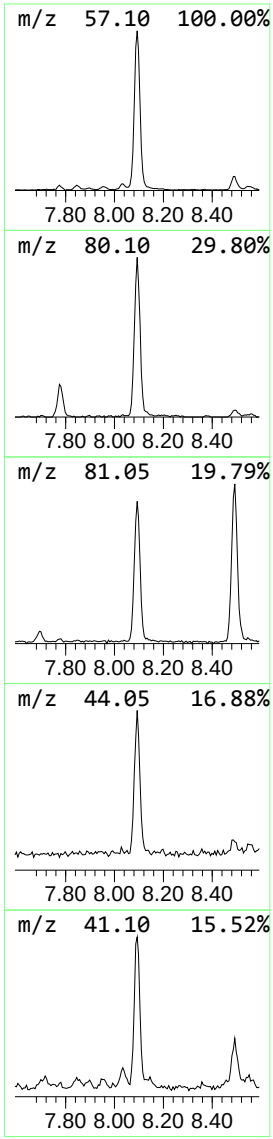
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Chlorocyclohexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	6.94 ng/ul	512956	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	94
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	87
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	78
5	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	76





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

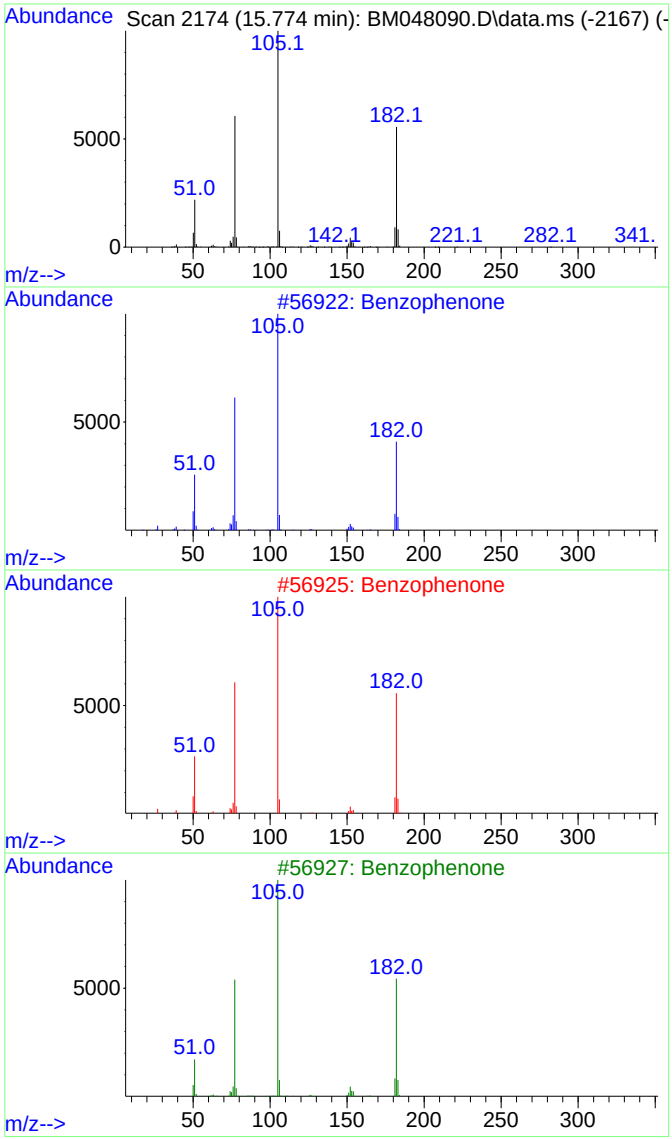
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

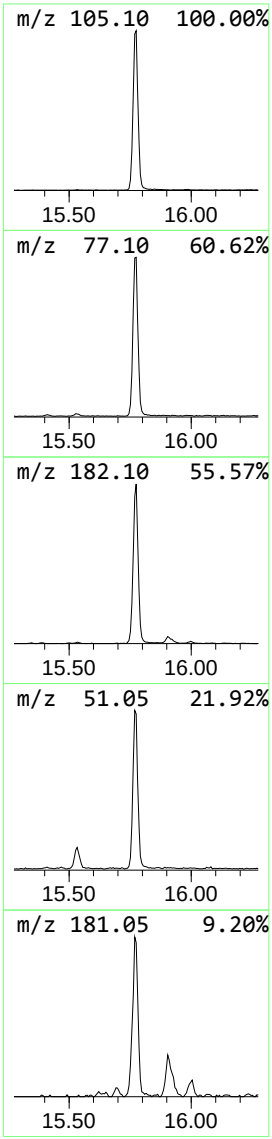
****

Peak Number 7 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	6.75 ng/ul	950090	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	Azobenzene	182	C12H10N2	000103-33-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

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

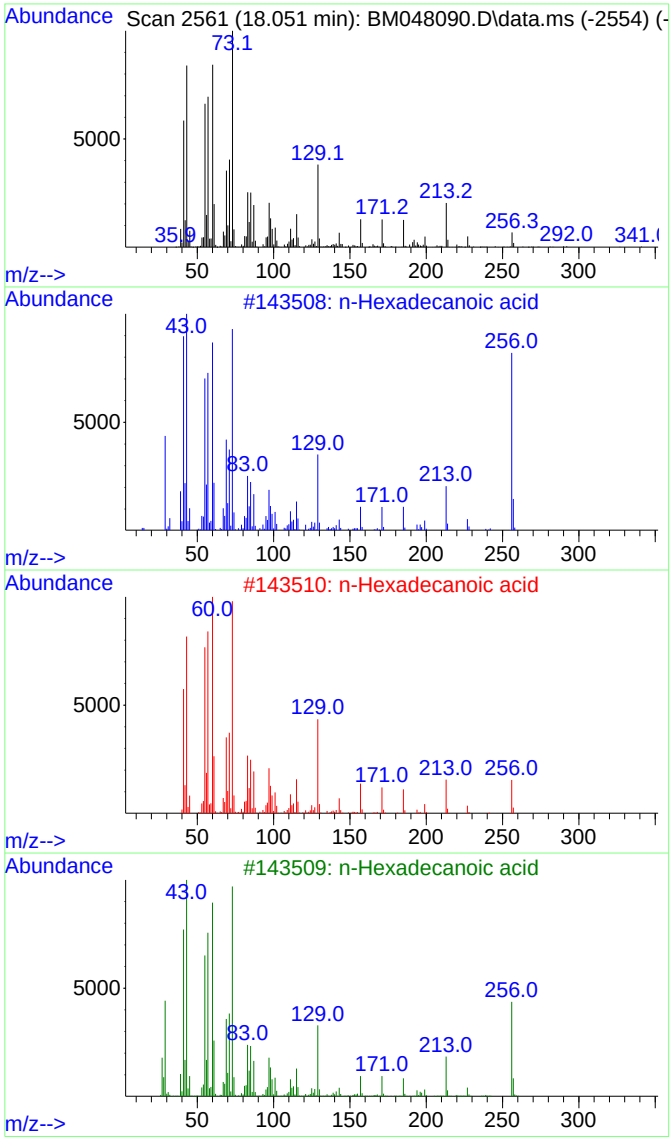
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

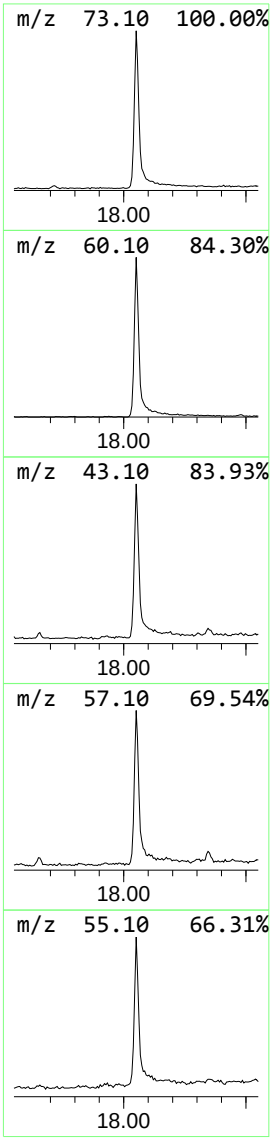
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	10.16 ng/ul	1593430	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	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

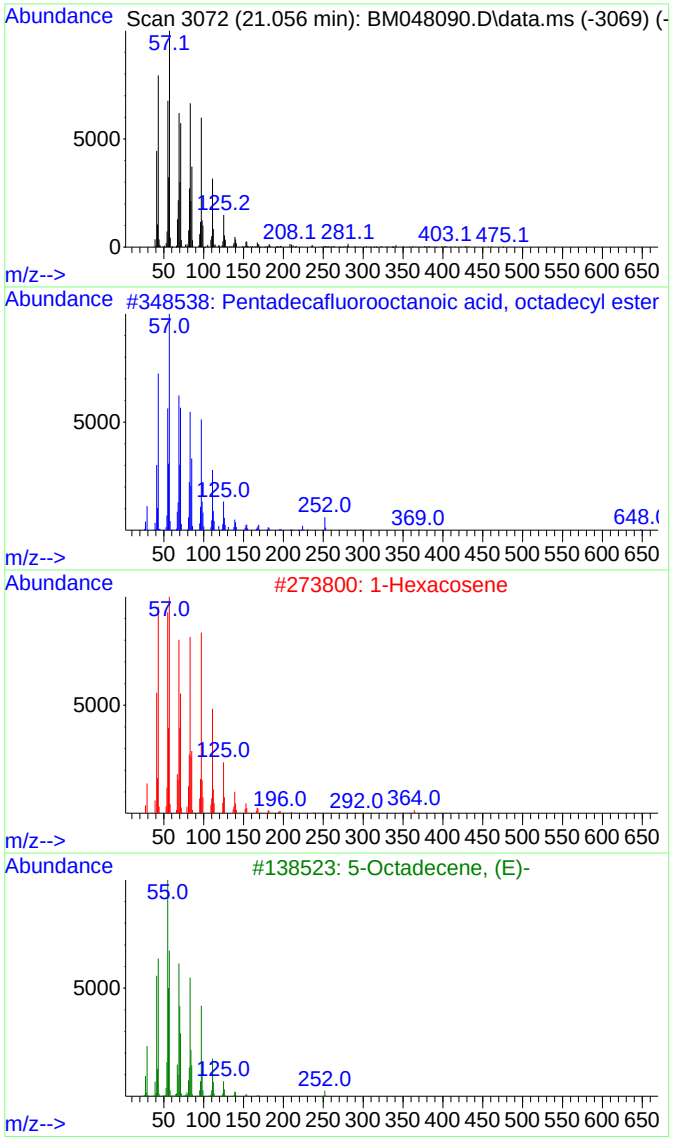
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

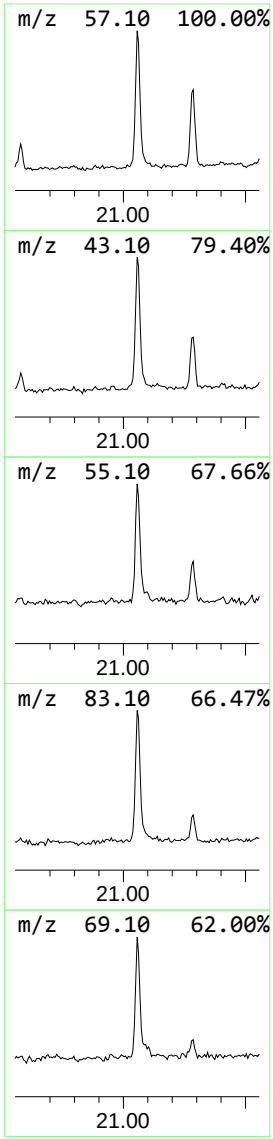
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentadecafluorooctanoic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	4.79 ng/ul	1041130	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4	Pentacos-1-ene	350	C25H50	016980-85-1	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ER2

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	177.6	ng/ul	13125100	1	7.775	1477840	20.0
2-Cyclohexen-1-one	6.410	12.9	ng/ul	956962	1	7.775	1477840	20.0
2-Chlorocyclohe...	8.092	6.9	ng/ul	512956	1	7.775	1477840	20.0
Benzophenone	15.774	6.8	ng/ul	950090	3	14.416	2813380	20.0
n-Hexadecanoic ...	18.051	10.2	ng/ul	1593430	4	17.157	3135410	20.0
Pentadecafluoro...	21.056	4.8	ng/ul	1041130	5	21.386	4348140	20.0