LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058324.D
Acq On : 19 Jul 2023 10:41
Operator : CG/JU
Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4665

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_G\Methods\SFAM-EPA-BG071723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058324.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	4	10	31	rVB	3082178	5376699	100.00%	11.628%
2	3.334	39	42	45	rBV2	6816	9096	0.17%	0.020%
3	3.370	45	48	57	rVB	45263	64483	1.20%	0.139%
4	4.333	208	212	217	rVB4	6542	11405	0.21%	0.025%
5	4.404	217	224	234	rBV	81913	125657	2.34%	0.272%
6	4.609	254	259	266	rVB	16579	27351	0.51%	0.059%
7	4.997	319	325	334	rBV	247495	372091	6.92%	0.805%
8	5.356	380	386	392	rVB3	7968	12570	0.23%	0.027%
9	5.790	454	460	473	rVB3	32751	62900	1.17%	0.136%
10	6.519	577	584	594	rBV	64750	113534	2.11%	0.246%
11	7.036	664	672	675	rBV	236708	466906	8.68%	1.010%
12	7.083	678	680	693	rVV	250282	418341	7.78%	0.905%
13	7.224	697	704	713	rVV	133285	224614	4.18%	0.486%
14	7.430	732	739	742	rBV	174675	318943	5.93%	0.690%
15	7.459	742	744	756	rVB	141611	209830	3.90%	0.454%
16	7.900	812	819	826	rBV	129391	226980	4.22%	0.491%
17	8.070	843	848	855	rVB5	5069	9871	0.18%	0.021%
18	8.152	855	862	865	rBV4	5258	9172	0.17%	0.020%
19	8.211	867	872	877	rVB6	3987	6544	0.12%	0.014%
20	8.605	932	939	948	rBV	218651	382262	7.11%	0.827%
21	8.699	948	955	966	rVB	184950	314998	5.86%	0.681%
22	9.057	1009	1016	1020	rBV	169108	307907	5.73%	0.666%
23	9.104	1020	1024	1034	rVV	127049	229966	4.28%	0.497%
24	9.198	1036	1040	1048	rVB6	3661	8744	0.16%	0.019%
25	9.780	1133	1139	1142	rBV	139371	259032	4.82%	0.560%
26	9.809	1142	1144	1156	rVB	120730	198632	3.69%	0.430%
27	10.320	1223	1231	1234	rBV	236075	463680	8.62%	1.003%
28	10.702	1285	1296	1300	rBV	206275	386857	7.20%	0.837%
29	10.749	1300	1304	1312	rVV	190635	339916	6.32%	0.735%
30	10.837	1312	1319	1338	rVB	146036	292812	5.45%	0.633%
31	11.031	1345	1352	1359	rBV2	197637	327230	6.09%	0.708%
32	11.983	1507	1514	1533	rBV	383498	659279	12.26%	1.426%
33	12.224	1549	1555	1560	rVB3	6405	10140	0.19%	0.022%
34	12.582	1608	1616	1625	rBV	334985	562254	10.46%	1.216%
35	12.729	1634	1641	1648	rBV	227066	377556	7.02%	0.817%
36	12.970	1675	1682	1687	rBV	335218	548117	10.19%	1.185%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
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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_G\Methods\SFAM-EPA-BG071723.MA.M
Title : SVOA CALIBRATION

37	13.011	1687	1689	1702	rVB2	47309	69089	1.28%	0.149%
38	13.370	1742	1750	1754	rBV	475401	783690	14.58%	1.695%
39	13.411	1754	1757	1767	rVB	237589	372068	6.92%	0.805%
40	13.940	1841	1847	1851	rVV	489612	702616	13.07%	1.520%
41	13.987	1851	1855	1863	rVB	319910	459025	8.54%	0.993%
42	14.110	1870	1876	1884	rVB	261088	391334	7.28%	0.846%
43	14.233	1890	1897	1907	rVB	519494	833741	15.51%	1.803%
44	14.539	1942	1949	1954	rBV	378561	586554	10.91%	1.269%
45	14.598	1954	1959	1970	rVB	425739	676991	12.59%	1.464%
46	14.745	1976	1984	2009	rBV2	280017	667920	12.42%	1.445%
47	14.933	2010	2016	2028	rVB	324475	512383	9.53%	1.108%
48	15.162	2049	2055	2067	rBV	284062	432087	8.04%	0.934%
49	15.320	2078	2082	2086	rBV2	3183	6026	0.11%	0.013%
50	15.373	2086	2091	2097	rVB	16257	22729	0.42%	0.049%
51	15.532	2110	2118	2122	rBV	708599	1136232	21.13%	2.457%
52	15.573	2122	2125	2132	rVV	304706	431883	8.03%	0.934%
53	15.661	2132	2140	2151	rVV3	447868	863375	16.06%	1.867%
54	15.743	2151	2154	2163	rVB6	6990	13979	0.26%	0.030%
55	16.590	2291	2298	2304	rBV	369468	557500	10.37%	1.206%
56	16.813	2332	2336	2340	rBV4	4704	7237	0.13%	0.016%
57	16.930	2351	2356	2367	rBV	429662	702820	13.07%	1.520%
58	17.024	2369	2372	2378	rVB	19510	27001	0.50%	0.058%
59	17.283	2409	2416	2420	rBV	503166	802146	14.92%	1.735%
60	17.324	2420	2423	2428	rVV	507938	727412	13.53%	1.573%
61	17.383	2428	2433	2436	rVV	819844	1315788	24.47%	2.846%
62	17.418	2436	2439	2450	rVV	570644	804342	14.96%	1.740%
63	17.565	2461	2464	2470	rVB6	5623	8310	0.15%	0.018%
64	17.688	2478	2485	2491	rBV	466393	727043	13.52%	1.572%
65	17.759	2491	2497	2514	rVB	447595	691235	12.86%	1.495%
66	17.935	2521	2527	2532	rVB5	9189	15303	0.28%	0.033%
67	18.164	2561	2566	2573	rBV	119200	185033	3.44%	0.400%
68	18.241	2573	2579	2586	rVB	494224	661978	12.31%	1.432%
69	18.699	2653	2657	2662	rBV	11939	16376	0.30%	0.035%
70	19.233	2742	2748	2753	rBV2	13681	20914	0.39%	0.045%
71	19.339	2756	2766	2778	rBV	1269342	1849942	34.41%	4.001%
72	19.439	2779	2783	2788	rBV2	26886	40136	0.75%	0.087%
73	19.580	2803	2807	2812	rBV3	11101	16129	0.30%	0.035%
74	19.674	2815	2823	2825	rBV	1027432	1566952	29.14%	3.389%
75	19.704	2825	2828	2838	rVV	891052	1231314	22.90%	2.663%
76	20.197	2908	2912	2915	rBV4	9648	13971	0.26%	0.030%

LSC Area Percent Report

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4665

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	20.585	2971	2978	2983	rBV	478990	594852	11.06%	1.286%
78	20.685	2991	2995	2998	rBV2	15915	18298	0.34%	0.040%
79	21.184	3075	3080	3090	rBV2	83841	232609	4.33%	0.503%
80	21.261	3090	3093	3103	rVB	31936	56075	1.04%	0.121%
81	21.413	3114	3119	3127	rVB	677695	884892	16.46%	1.914%
82	21.519	3129	3137	3143	rBV2	1096140	2399658	44.63%	5.190%
83	21.578	3143	3147	3160	rVB	757313	1226908	22.82%	2.653%
84	21.713	3166	3170	3176	rVB3	19206	28875	0.54%	0.062%
85	22.300	3264	3270	3276	rBV2	30212	50801	0.94%	0.110%
86	22.424	3289	3291	3292	rBV2	46214	16434	0.31%	0.036%
87	22.671	3327	3333	3337	rBV5	15725	28873	0.54%	0.062%
88	22.970	3379	3384	3388	rVB2	24282	41117	0.76%	0.089%
89	23.669	3494	3503	3512	rBV	532178	1251893	23.28%	2.707%
90	23.746	3512	3516	3528	rVB2	36861	79420	1.48%	0.172%
91	24.457	3626	3637	3643	rBV2	542138	1528516	28.43%	3.306%
92	24.521	3643	3648	3662	rVV	403296	1081780	20.12%	2.340%
93	24.668	3663	3673	3686	rVB	310625	879859	16.36%	1.903%
94	25.744	3851	3856	3868	rVB3	30194	86461	1.61%	0.187%
95	27.060	4073	4080	4094	rVB5	19392	67561	1.26%	0.146%
96	28.246	4265	4282	4283	rBV2	323790	982344	18.27%	2.125%
97	30.544	4666	4673	4677	rBV10	5474	14362	0.27%	0.031%

Sum of corrected areas: 46238561

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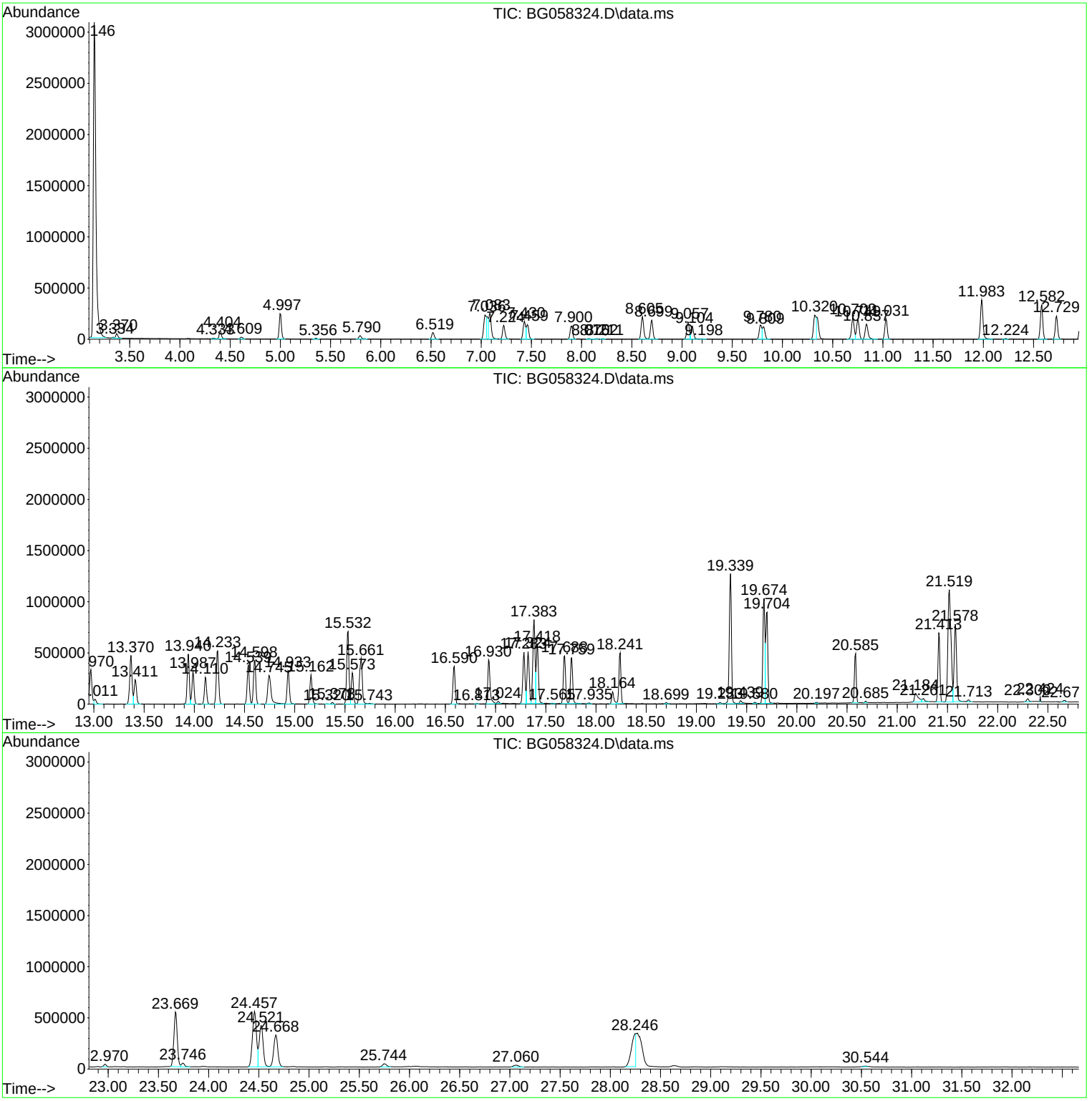
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4665

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058324.D
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Sample : 03452-04
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

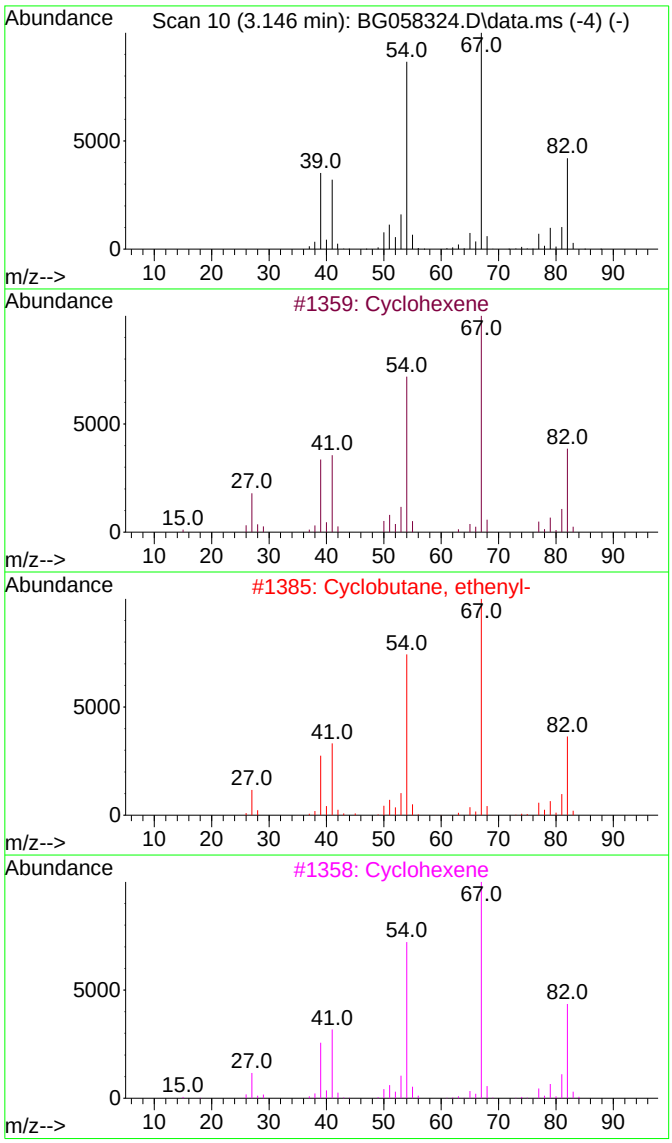
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

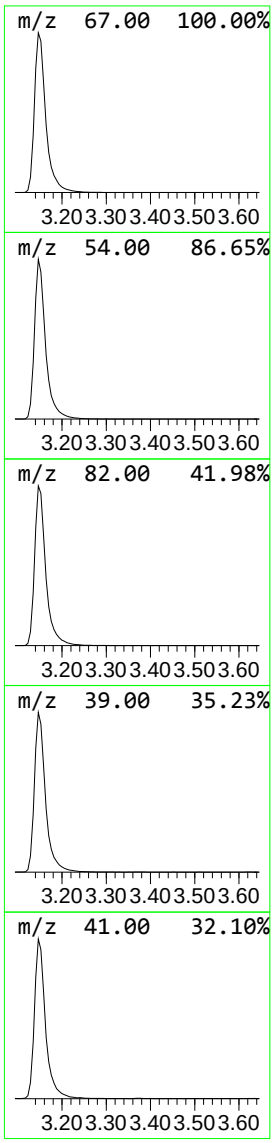
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.146	473.76 ng/ul	5376700	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	95
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	94
3	Cyclohexene	82	C6H10	000110-83-8	91
4	Ethylidenecyclobutane	82	C6H10	001528-21-8	91
5	Cyclohexene	82	C6H10	000110-83-8	91





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Operator : CG/JU
Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4665

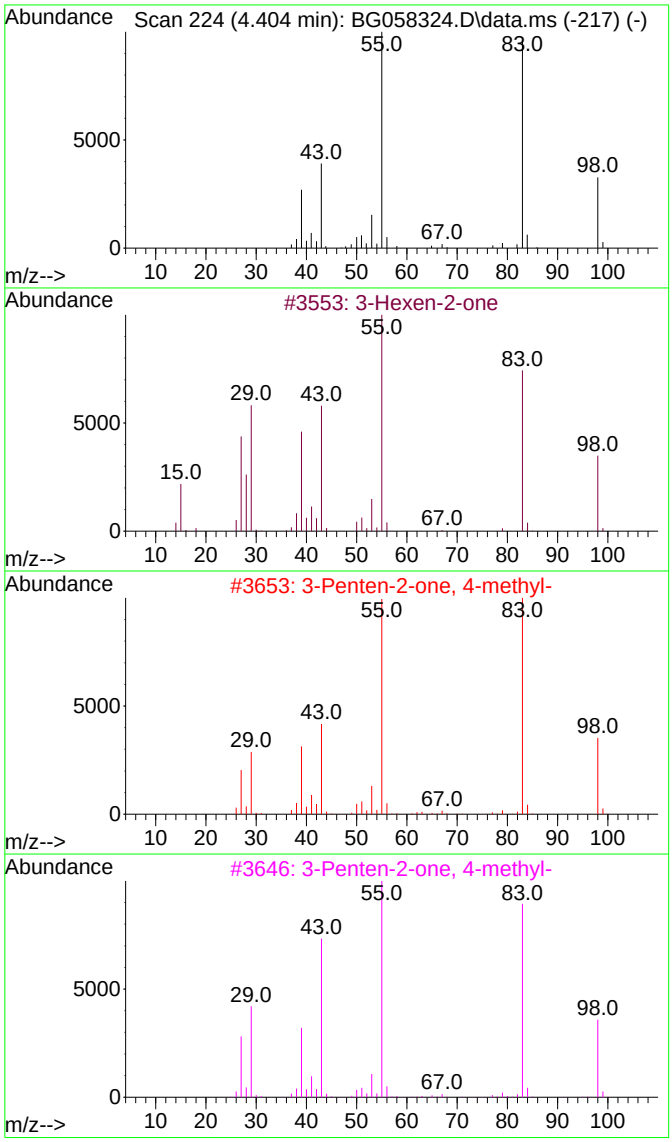
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

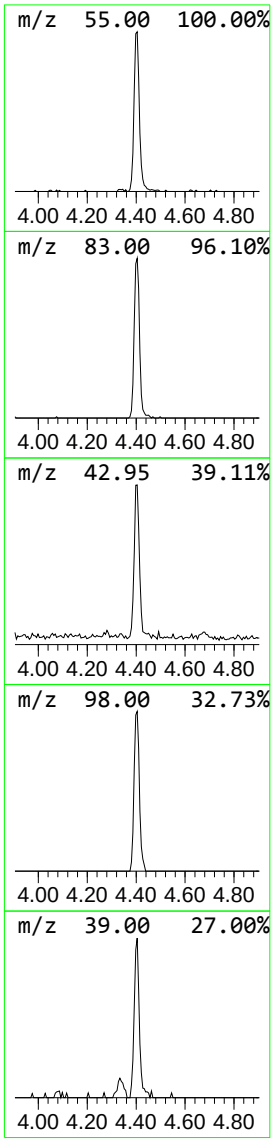
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Hexen-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.404	11.07 ng/ul	125657	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
5	3-Hexen-2-one	98	C6H10O	000763-93-9	90





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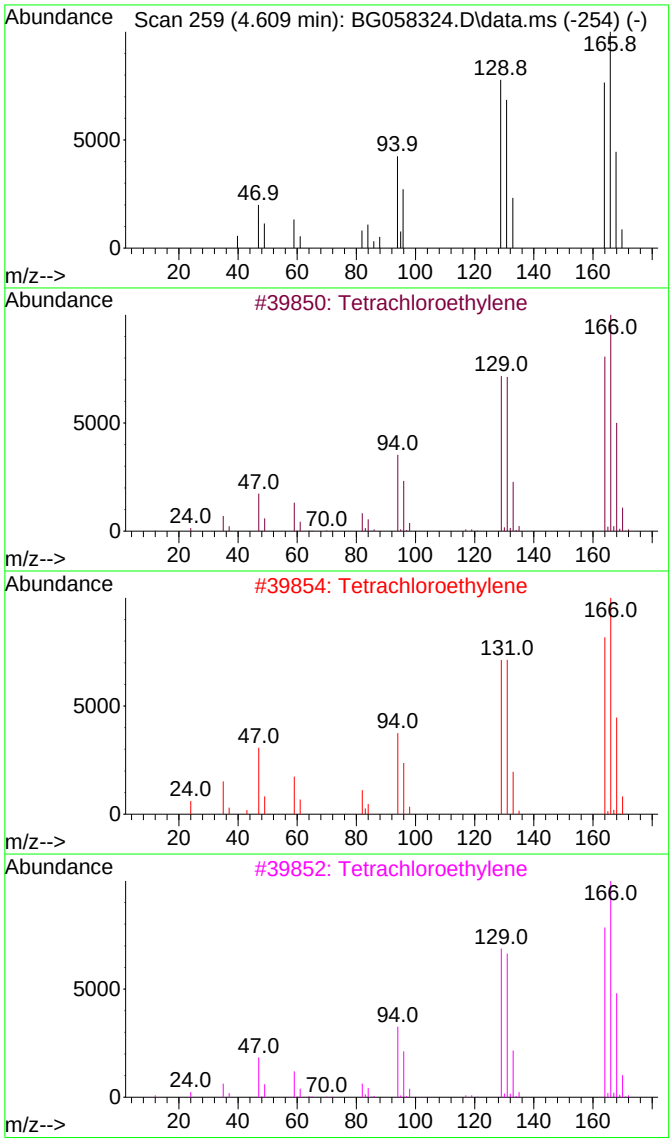
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

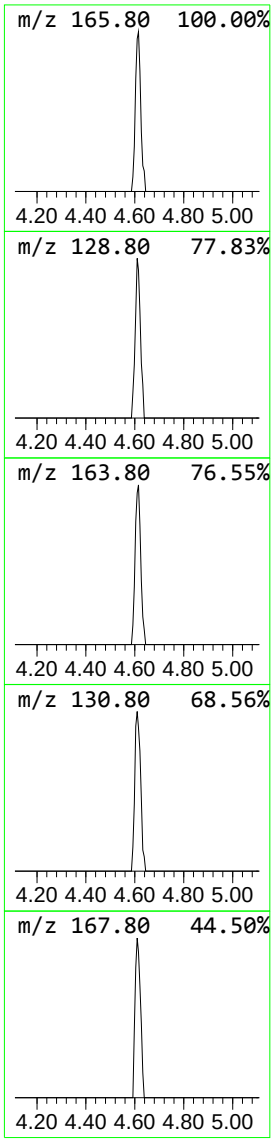
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.609	2.41 ng/ul	27351	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	27





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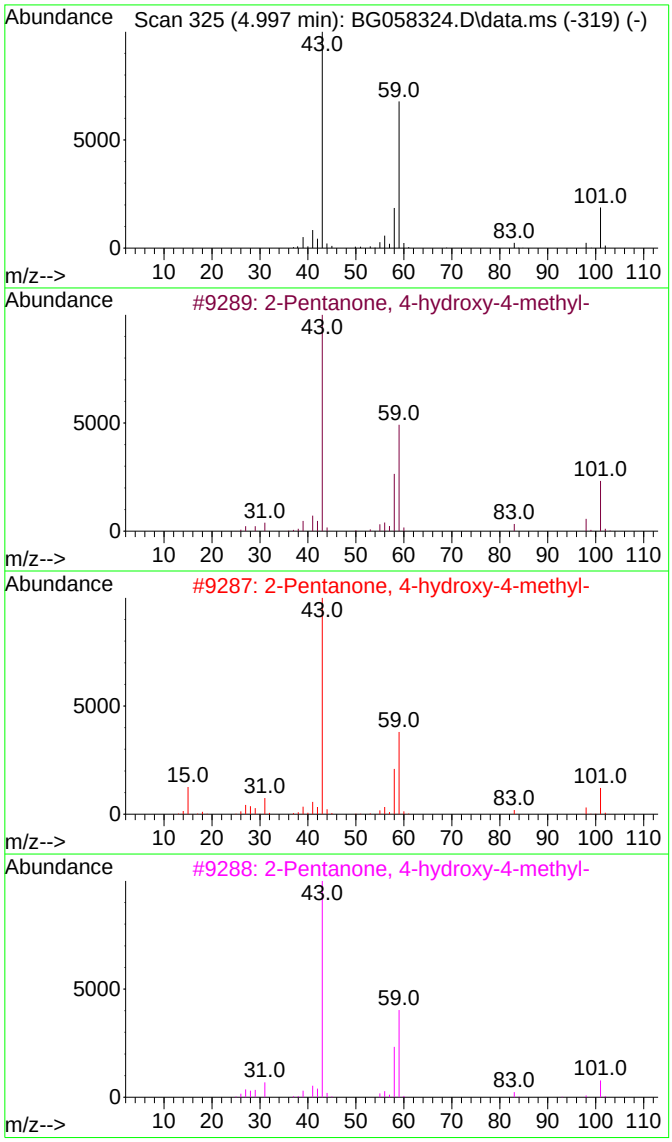
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

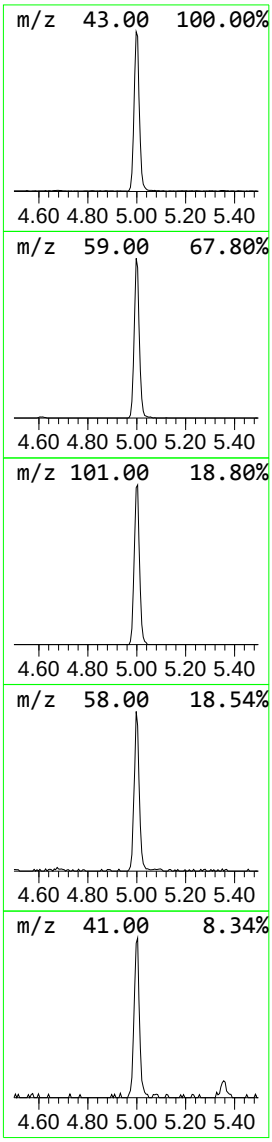
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.997	32.79 ng/ul	372091	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40





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Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4665

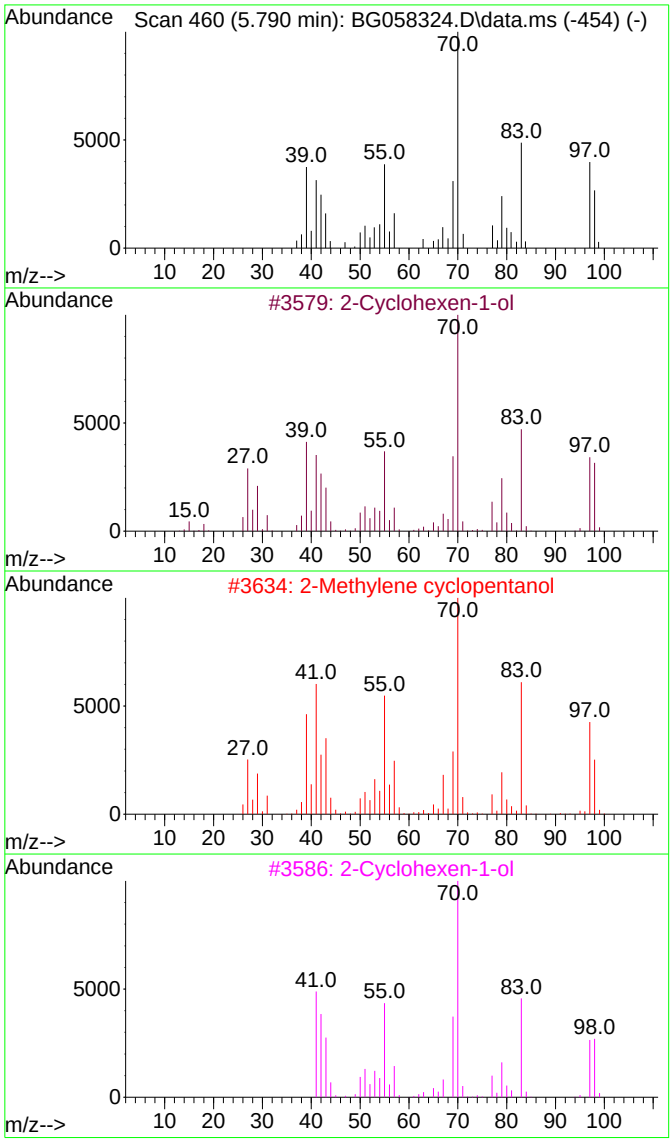
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

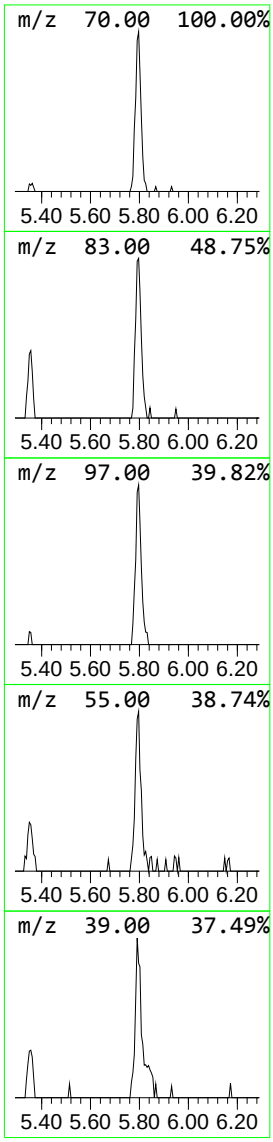
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclohexen-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.790	5.54 ng/ul	62900	1,4-Dichlorobenzene-d4	7.900

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	90
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	80
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	76
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	76
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058324.D
Acq On : 19 Jul 2023 10:41
Operator : CG/JU
Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4665

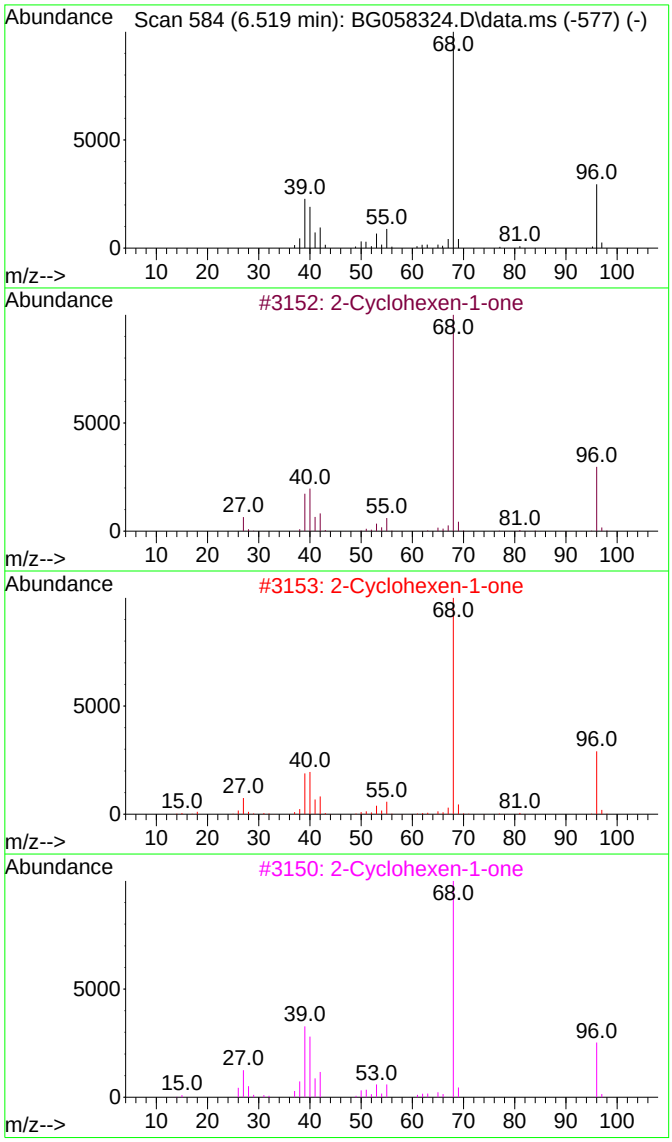
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

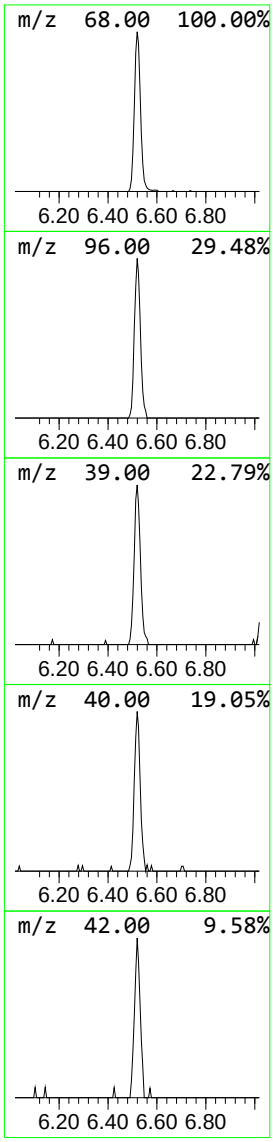
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Cyclohexen-1-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.519	10.00 ng/ul	113534	1,4-Dichlorobenzene-d4	7.900

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	90
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	62
5	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058324.D
Acq On : 19 Jul 2023 10:41
Operator : CG/JU
Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4665

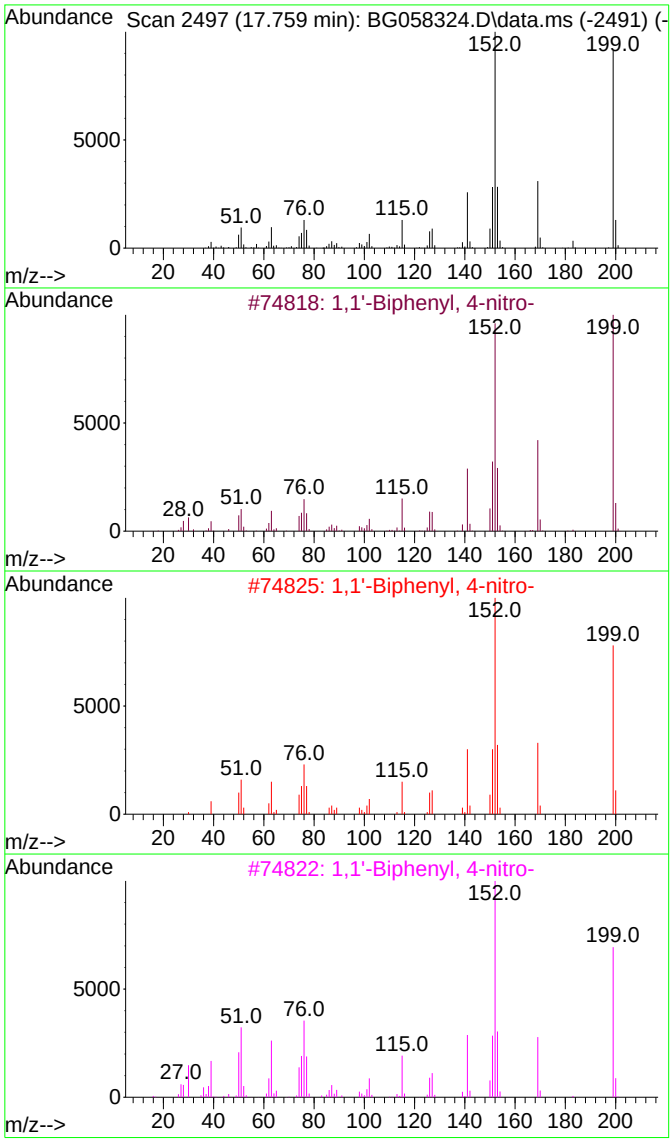
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

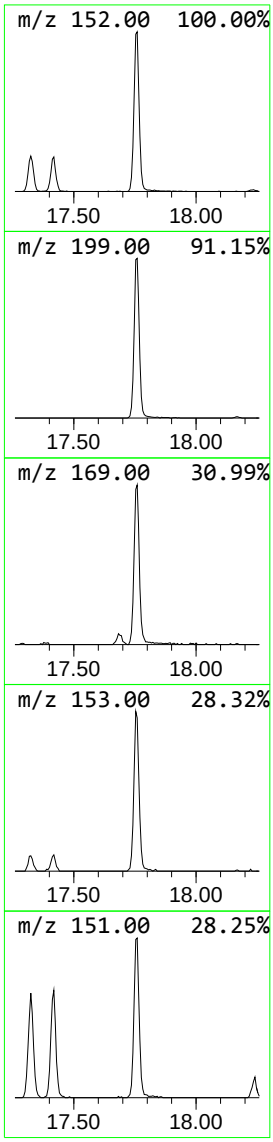
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.759	17.23 ng/ul	691235	Phenanthrene-d10	17.283

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	97
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	89
5	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058324.D
Acq On : 19 Jul 2023 10:41
Operator : CG/JU
Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4665

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

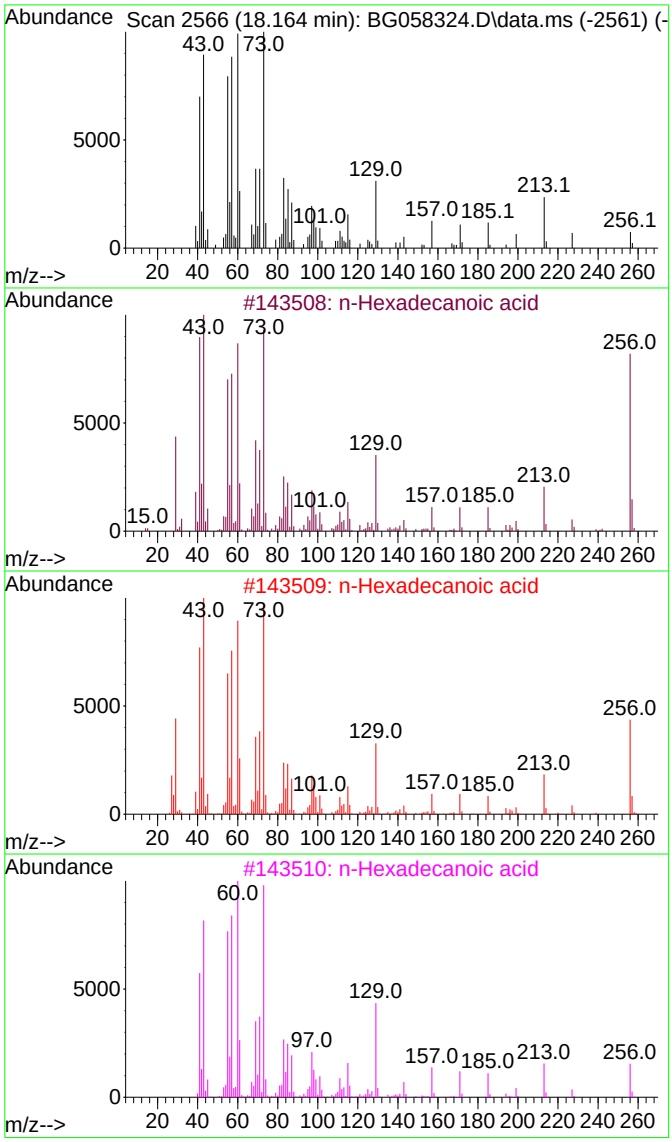
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

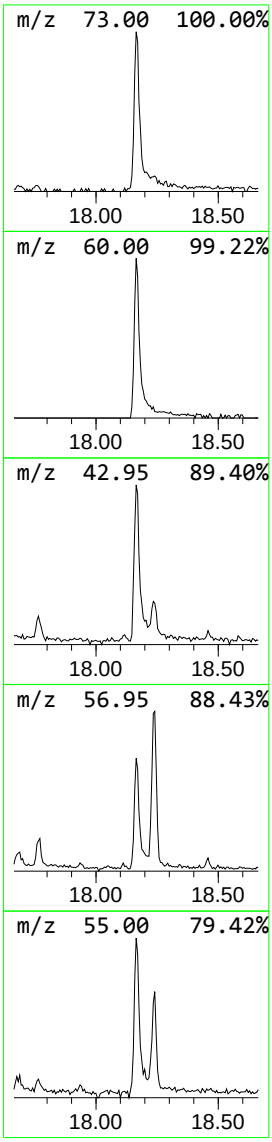
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.164	4.61 ng/ul	185033	Phenanthrene-d10	17.283

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058324.D
Acq On : 19 Jul 2023 10:41
Operator : CG/JU
Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4665

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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
Cyclohexene	3.146	473.8	ng/ul	5376700	1	7.900	226980	20.0
3-Hexen-2-one	4.404	11.1	ng/ul	125657	1	7.900	226980	20.0
Tetrachloroethy...	4.609	2.4	ng/ul	27351	1	7.900	226980	20.0
2-Pentanone, 4-...	4.997	32.8	ng/ul	372091	1	7.900	226980	20.0
2-Cyclohexen-1-ol	5.790	5.5	ng/ul	62900	1	7.900	226980	20.0
2-Cyclohexen-1-one	6.519	10.0	ng/ul	113534	1	7.900	226980	20.0
1,1'-Biphenyl, ...	17.759	17.2	ng/ul	691235	4	17.283	802146	20.0
n-Hexadecanoic ...	18.164	4.6	ng/ul	185033	4	17.283	802146	20.0