LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058294.D
Acq On : 18 Jul 2023 9:58
Operator : CG/JU
Sample : 03444-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4672

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: BG058294.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.147	4	10	35	rVB	3364374	5873735	100.00%	11.977%
2	3.335	39	42	44	rVV3	10377	12360	0.21%	0.025%
3	3.370	44	48	57	rVB	50443	75976	1.29%	0.155%
4	3.794	117	120	127	rVB2	12502	17562	0.30%	0.036%
5	4.334	208	212	217	rBV4	8134	11309	0.19%	0.023%
6	4.399	217	223	243	rVB	776325	1180176	20.09%	2.406%
7	4.610	254	259	266	rVB3	19149	31184	0.53%	0.064%
8	4.998	319	325	338	rBV	408575	619677	10.55%	1.264%
9	5.351	381	385	393	rVB4	9359	14803	0.25%	0.030%
10	5.797	455	461	466	rBV	28433	52344	0.89%	0.107%
11	6.079	502	509	515	rBV2	6163	9643	0.16%	0.020%
12	6.520	576	584	594	rBV	51904	92593	1.58%	0.189%
13	7.037	665	672	674	rBV	231924	393288	6.70%	0.802%
14	7.090	678	681	698	rVB	252914	416074	7.08%	0.848%
15	7.225	698	704	714	rBV	138875	234375	3.99%	0.478%
16	7.430	731	739	742	rBV	176796	330445	5.63%	0.674%
17	7.460	742	744	752	rVB	147720	204133	3.48%	0.416%
18	7.895	811	818	826	rBV	130317	221967	3.78%	0.453%
19	8.065	844	847	856	rVB5	7135	14523	0.25%	0.030%
20	8.153	856	862	867	rVV5	5872	10982	0.19%	0.022%
21	8.206	867	871	877	rVB2	4502	7148	0.12%	0.015%
22	8.435	907	910	917	rVB	8457	11241	0.19%	0.023%
23	8.606	932	939	948	rBV	197131	354098	6.03%	0.722%
24	8.694	948	954	962	rVB	182367	306023	5.21%	0.624%
25	9.058	1009	1016	1020	rBV	173771	316951	5.40%	0.646%
26	9.099	1020	1023	1034	rVB	131628	219499	3.74%	0.448%
27	9.781	1132	1139	1142	rBV	141031	274976	4.68%	0.561%
28	9.810	1142	1144	1153	rVB	124665	187123	3.19%	0.382%
29	10.321	1222	1231	1233	rBV	228417	402398	6.85%	0.820%
30	10.697	1284	1295	1300	rBV	192422	370585	6.31%	0.756%
31	10.750	1300	1304	1312	rVV	190649	329988	5.62%	0.673%
32	10.832	1312	1318	1333	rVV	167249	327840	5.58%	0.668%
33	11.032	1345	1352	1361	rVB	186702	325494	5.54%	0.664%
34	11.984	1506	1514	1530	rBV	352693	642522	10.94%	1.310%
35	12.225	1550	1555	1560	rVB	8447	13204	0.22%	0.027%
36	12.577	1608	1615	1624	rBV	327925	547200	9.32%	1.116%

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Misc :
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Instrument :
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ClientSampleId :
A4672

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	12.724	1633	1640	1648	rBV	218847	363123	6.18%	0.740%
38	12.965	1675	1681	1686	rBV	325680	538125	9.16%	1.097%
39	13.006	1686	1688	1697	rVB	66544	103712	1.77%	0.211%
40	13.371	1739	1750	1754	rBV	459121	781280	13.30%	1.593%
41	13.412	1754	1757	1770	rVB	239444	360332	6.13%	0.735%
42	13.940	1836	1847	1851	rBV	503377	755340	12.86%	1.540%
43	13.987	1851	1855	1864	rVB	347620	490118	8.34%	0.999%
44	14.111	1870	1876	1884	rVB	264399	393152	6.69%	0.802%
45	14.228	1889	1896	1904	rBV	518879	809347	13.78%	1.650%
46	14.534	1941	1948	1954	rBV	342919	542675	9.24%	1.107%
47	14.599	1954	1959	1971	rVB	434867	657529	11.19%	1.341%
48	14.745	1976	1984	2001	rBV3	299733	682972	11.63%	1.393%
49	14.933	2009	2016	2031	rVB	320940	510835	8.70%	1.042%
50	15.163	2049	2055	2066	rBV	268193	434452	7.40%	0.886%
51	15.374	2087	2091	2095	rVV	9996	11959	0.20%	0.024%
52	15.527	2110	2117	2121	rBV	749234	1102287	18.77%	2.248%
53	15.574	2121	2125	2132	rVV	308298	446713	7.61%	0.911%
54	15.662	2132	2140	2150	rVV3	489883	942661	16.05%	1.922%
55	15.744	2150	2154	2161	rVB4	7266	15259	0.26%	0.031%
56	16.584	2291	2297	2304	rBV	385161	575731	9.80%	1.174%
57	16.814	2331	2336	2339	rBV2	6077	7753	0.13%	0.016%
58	16.931	2350	2356	2367	rBV	400880	653684	11.13%	1.333%
59	17.025	2368	2372	2377	rVV	20940	29389	0.50%	0.060%
60	17.066	2377	2379	2385	rVB6	3464	6298	0.11%	0.013%
61	17.278	2407	2415	2419	rBV	475605	772011	13.14%	1.574%
62	17.325	2419	2423	2427	rVV	522593	776627	13.22%	1.584%
63	17.383	2427	2433	2436	rVV	822038	1417382	24.13%	2.890%
64	17.413	2436	2438	2449	rVV	585257	771620	13.14%	1.573%
65	17.495	2449	2452	2459	rVB5	5005	7896	0.13%	0.016%
66	17.560	2459	2463	2467	rBV7	4426	7436	0.13%	0.015%
67	17.683	2478	2484	2491	rBV	460090	722846	12.31%	1.474%
68	17.754	2491	2496	2507	rVB	488132	724818	12.34%	1.478%
69	17.924	2522	2525	2531	rVB3	10667	16092	0.27%	0.033%
70	18.165	2560	2566	2572	rBV	135062	206723	3.52%	0.422%
71	18.235	2572	2578	2584	rVB	531612	715902	12.19%	1.460%
72	18.700	2652	2657	2661	rVB3	11457	16504	0.28%	0.034%
73	19.228	2740	2747	2753	rBV3	12924	22344	0.38%	0.046%
74	19.334	2753	2765	2778	rBV	1359301	2017572	34.35%	4.114%
75	19.440	2779	2783	2792	rVV2	25857	43579	0.74%	0.089%
76	19.581	2803	2807	2815	rVB2	12233	20018	0.34%	0.041%

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Sample : 03444-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4672

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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77	19.669	2815	2822	2825	rBV	1102134	1794619	30.55%	3.659%
78	19.698	2825	2827	2834	rVB	1063342	1222695	20.82%	2.493%
79	20.192	2908	2911	2916	rBV3	7440	10227	0.17%	0.021%
80	20.580	2970	2977	2984	rBV	545489	629840	10.72%	1.284%
81	20.685	2991	2995	2999	rBV5	15241	21300	0.36%	0.043%
82	21.179	3075	3079	3089	rBV6	55635	153896	2.62%	0.314%
83	21.255	3090	3092	3103	rVB	31618	52925	0.90%	0.108%
84	21.414	3113	3119	3125	rVB	730307	929362	15.82%	1.895%
85	21.514	3129	3136	3143	rBV2	1184138	2561864	43.62%	5.224%
86	21.579	3143	3147	3160	rVB	787327	1279722	21.79%	2.609%
87	21.708	3165	3169	3175	rVB	39106	55313	0.94%	0.113%
88	22.295	3263	3269	3277	rBV	47775	86838	1.48%	0.177%
89	22.660	3328	3331	3336	rVB7	7827	12404	0.21%	0.025%
90	22.965	3378	3383	3391	rVB2	34110	63058	1.07%	0.129%
91	23.670	3493	3503	3511	rBV	564303	1337908	22.78%	2.728%
92	23.741	3511	3515	3525	rVB	40139	87490	1.49%	0.178%
93	24.452	3625	3636	3642	rBV2	571268	1610676	27.42%	3.284%
94	24.516	3642	3647	3662	rVV	447416	1153887	19.64%	2.353%
95	24.663	3662	3672	3687	rVB	313470	897632	15.28%	1.830%
96	25.750	3849	3857	3868	rVB4	27053	84841	1.44%	0.173%
97	27.049	4073	4078	4079	rBV4	11524	15191	0.26%	0.031%
98	28.235	4264	4280	4282	rBV	330067	1054505	17.95%	2.150%

Sum of corrected areas: 49043728

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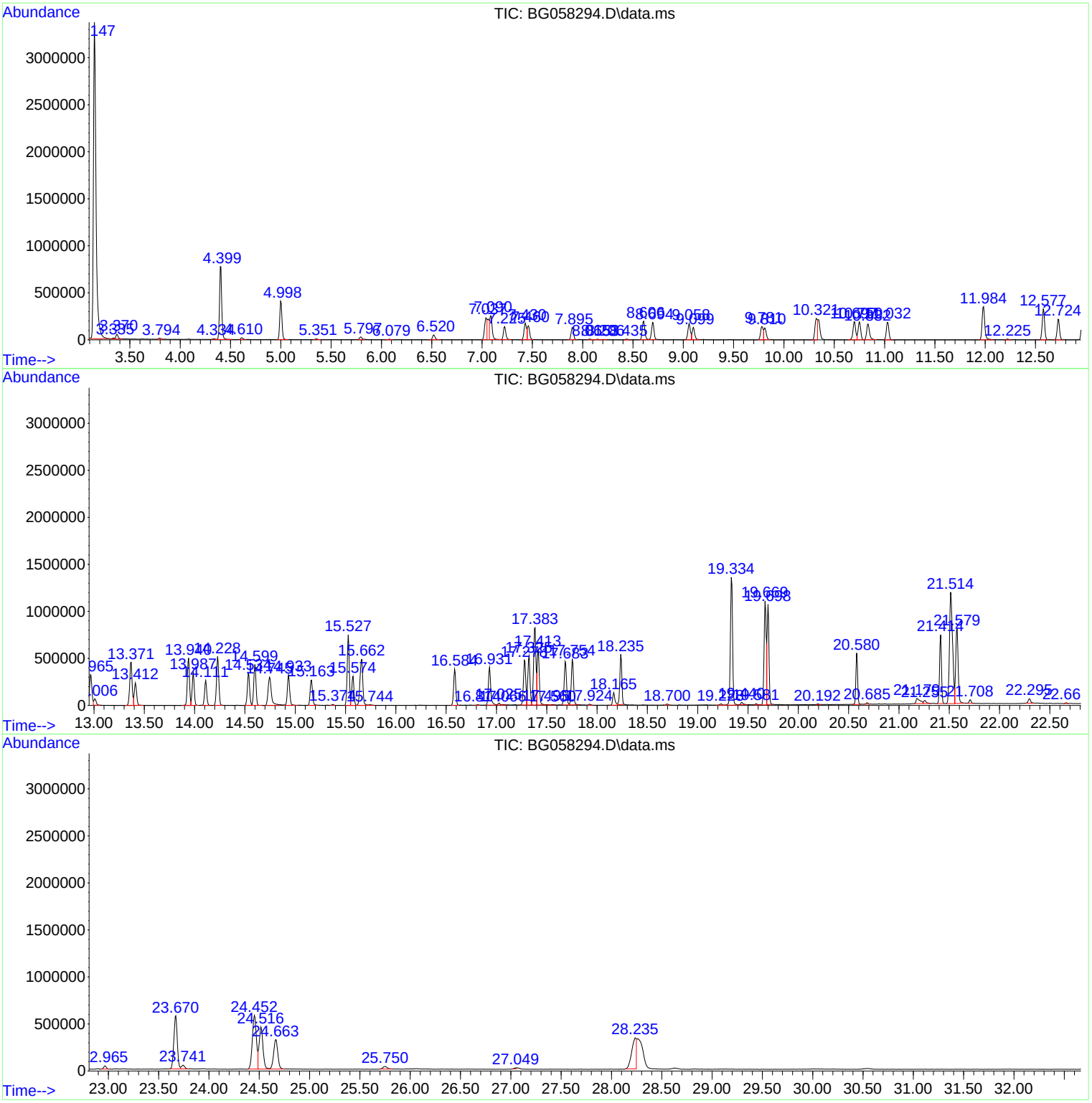
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4672

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 : BG058294.D
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

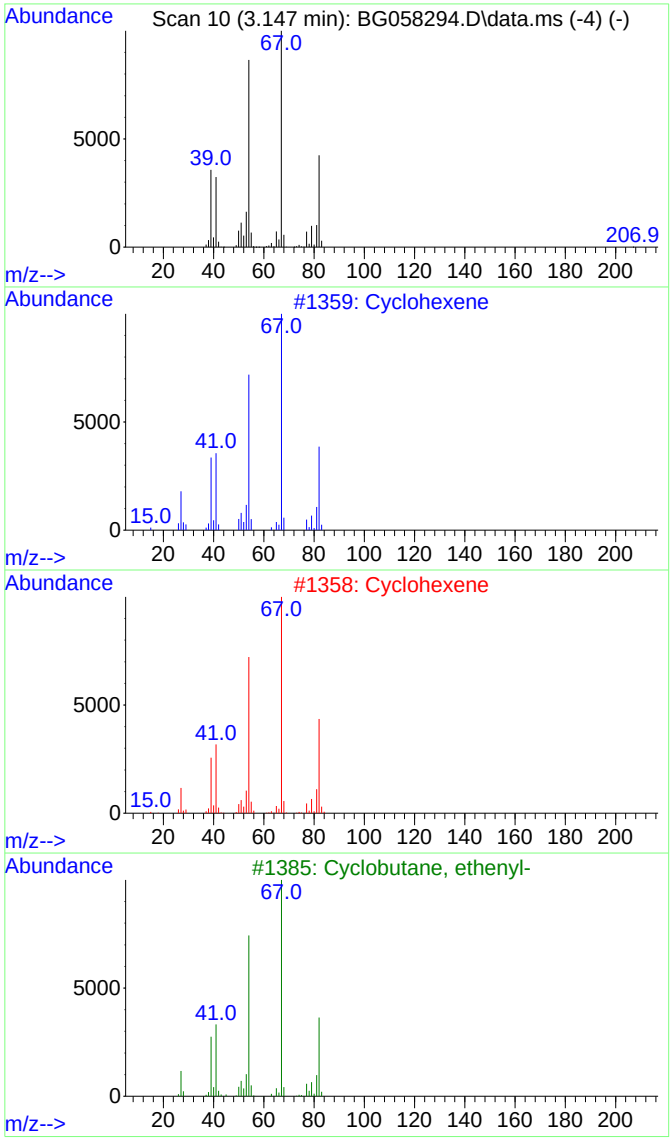
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

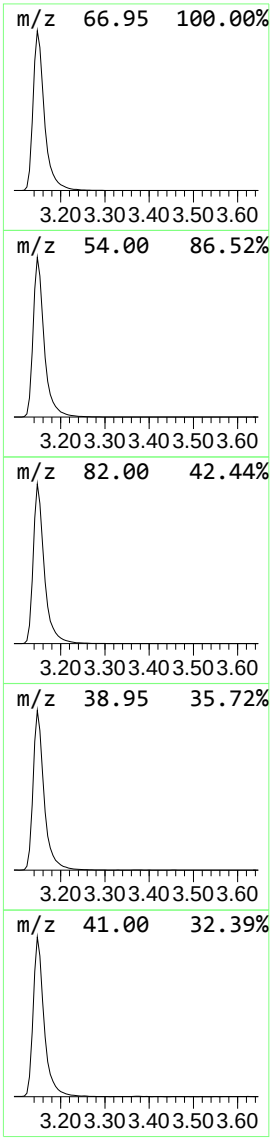
****

Peak Number 1 Cyclohexene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.147	529.24 ng/ul	5873740	1,4-Dichlorobenzene-d4	7.895

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





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Operator : CG/JU
Sample : 03444-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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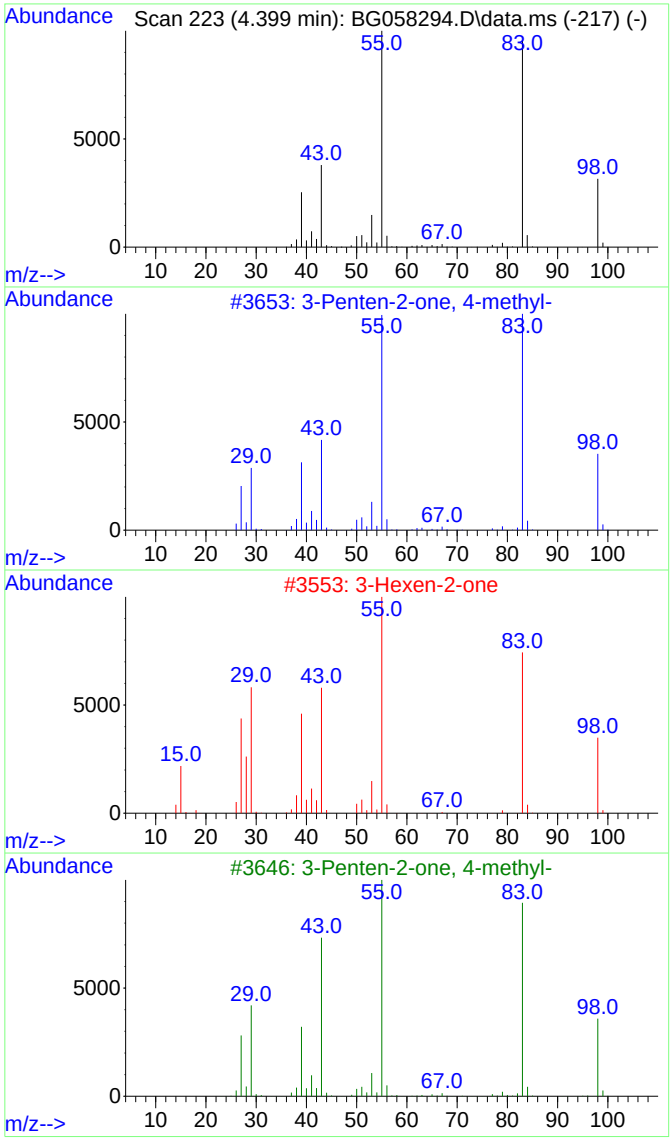
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

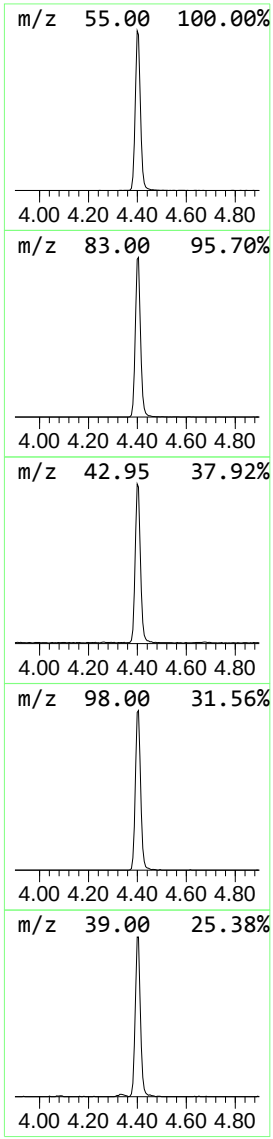
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.399	106.34 ng/ul	1180180	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	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	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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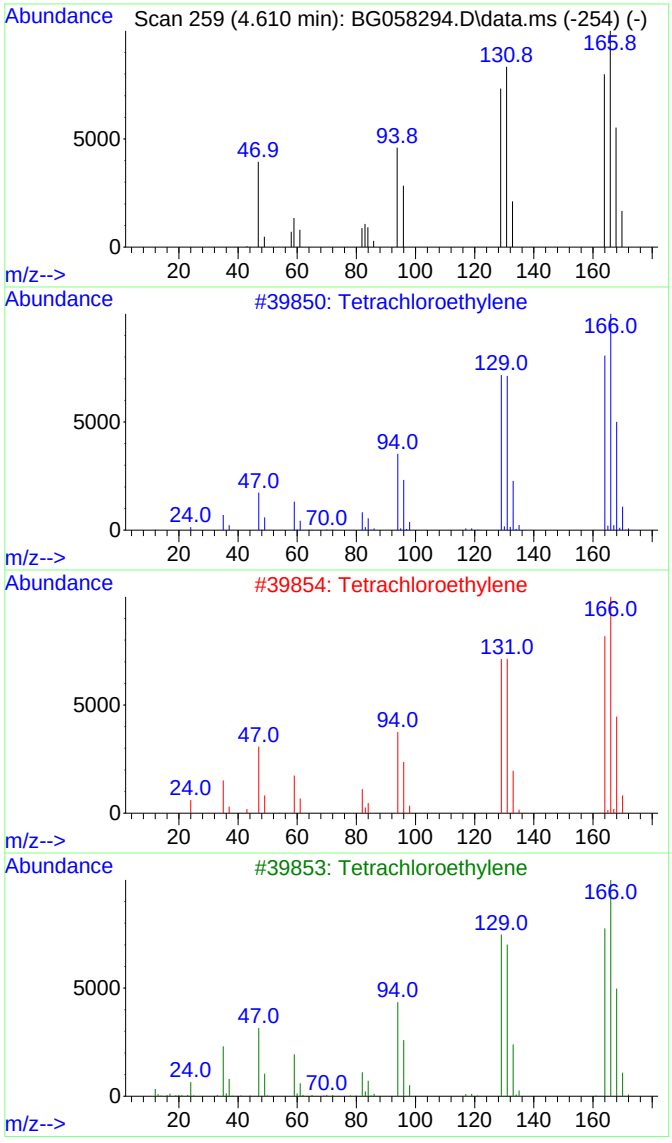
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

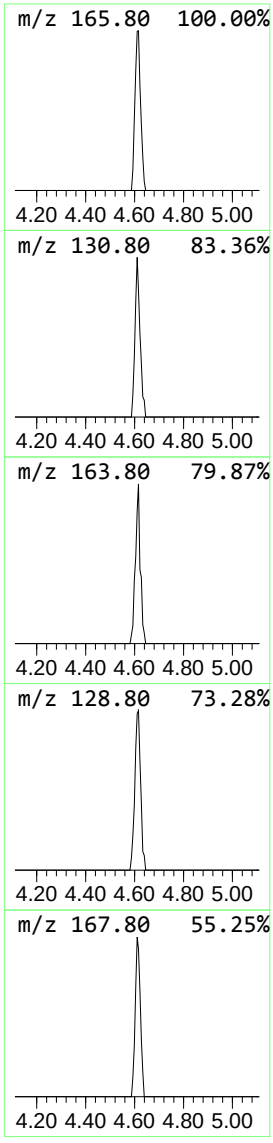
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.610	2.81 ng/ul	31184	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	93
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	35





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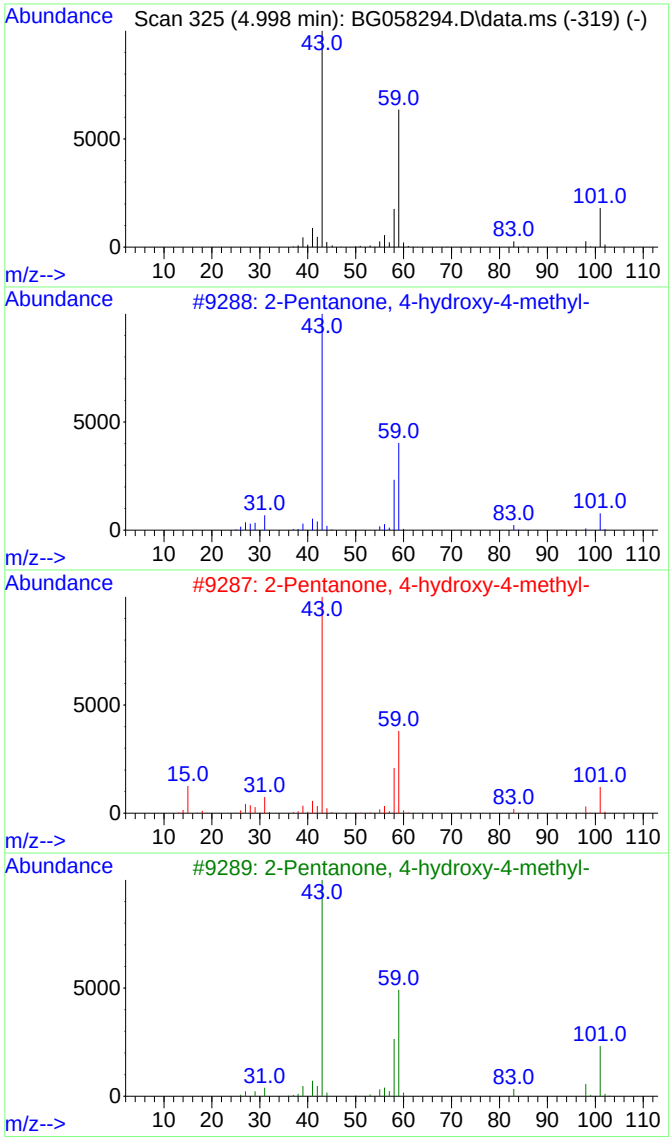
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

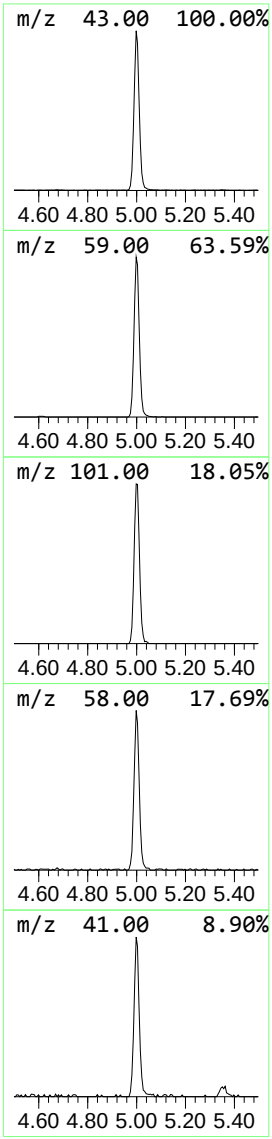
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	55.84 ng/ul	619677	1,4-Dichlorobenzene-d4	7.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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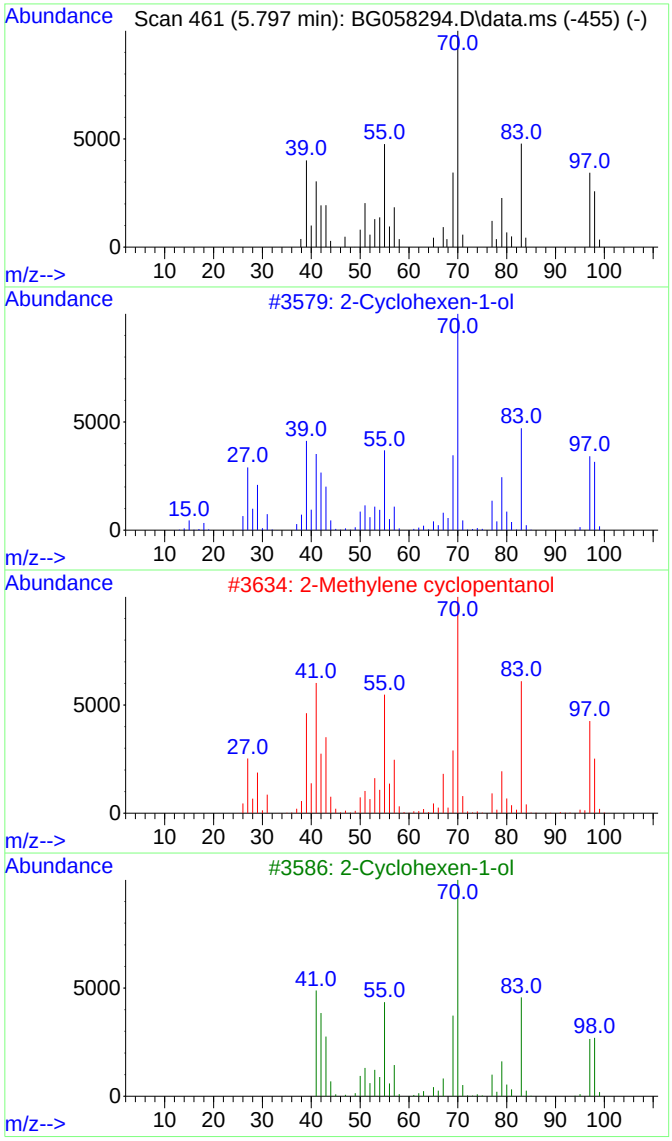
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

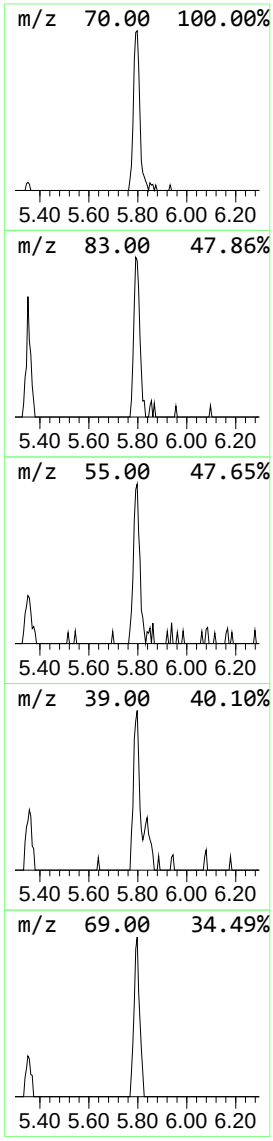
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclohexen-1-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.797	4.72 ng/ul	52344	1,4-Dichlorobenzene-d4	7.895

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	90
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	81
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	74
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	40





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Data File : BG058294.D
Acq On : 18 Jul 2023 9:58
Operator : CG/JU
Sample : 03444-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4672

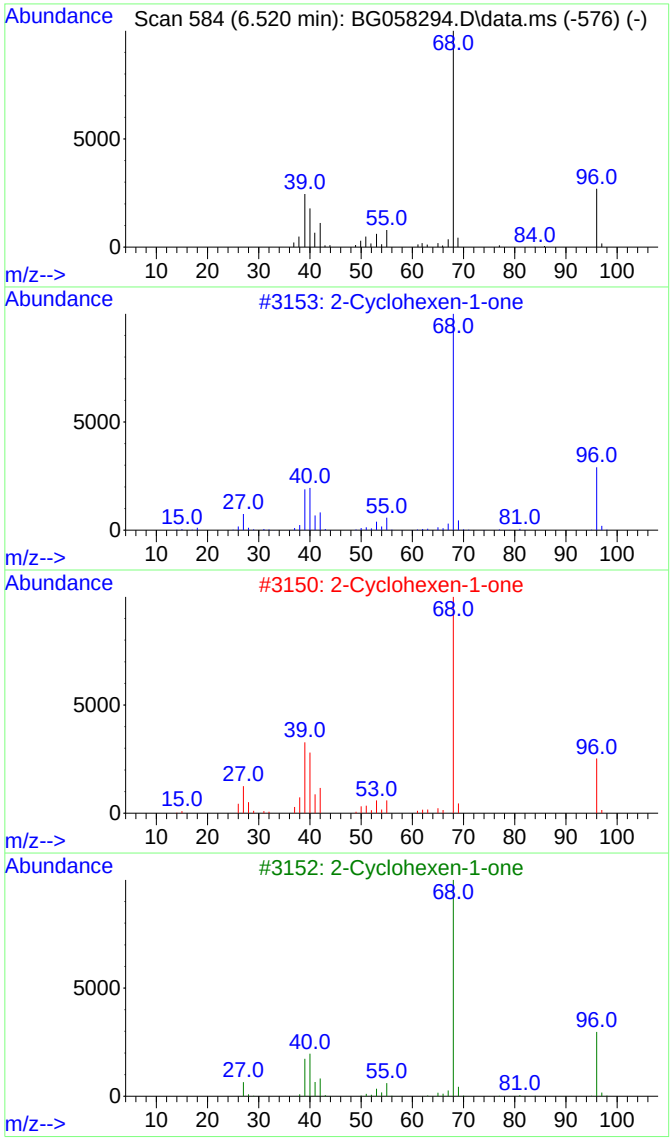
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

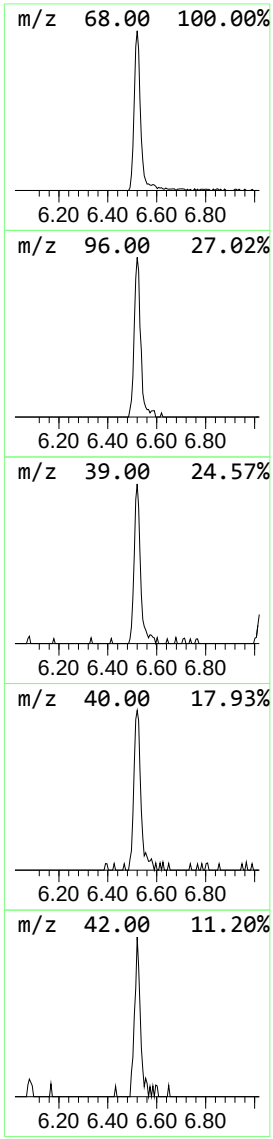
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.520	8.34 ng/ul	92593	1,4-Dichlorobenzene-d4	7.895

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	58
5	1,4-Pentadiene	68	C5H8	000591-93-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058294.D
Acq On : 18 Jul 2023 9:58
Operator : CG/JU
Sample : 03444-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4672

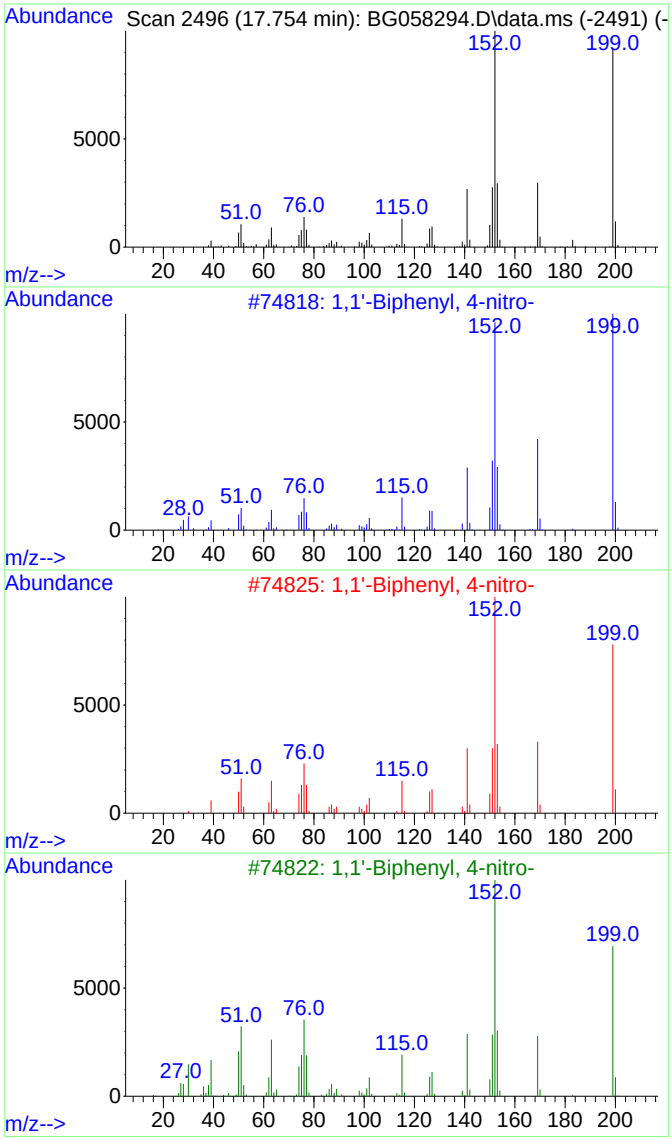
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

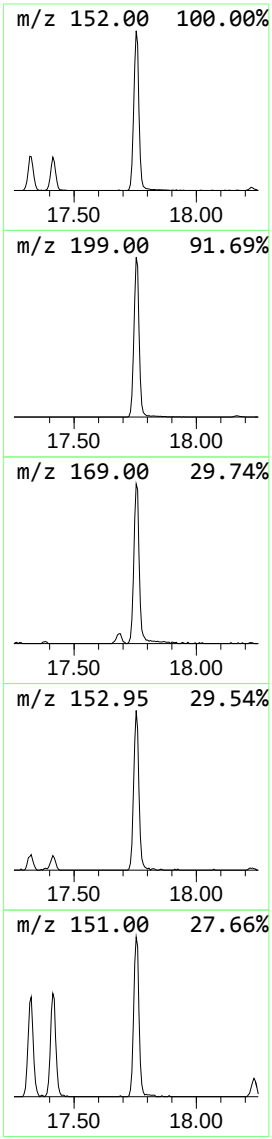
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.754	18.78 ng/ul	724818	Phenanthrene-d10	17.278

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	90
5	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058294.D
Acq On : 18 Jul 2023 9:58
Operator : CG/JU
Sample : 03444-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4672

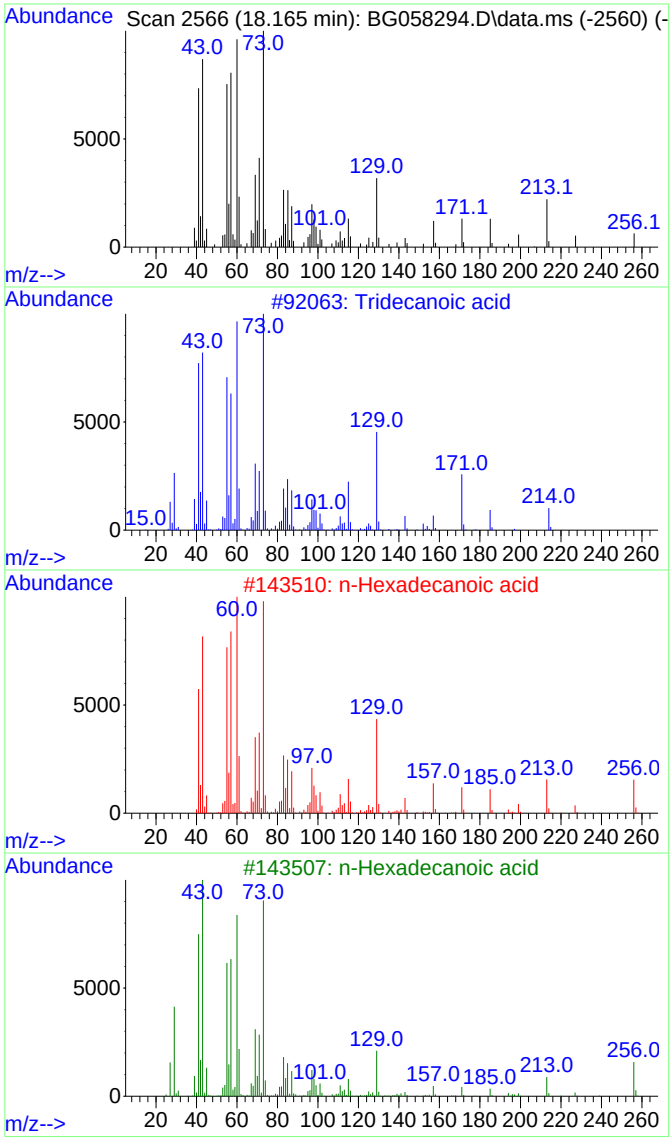
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

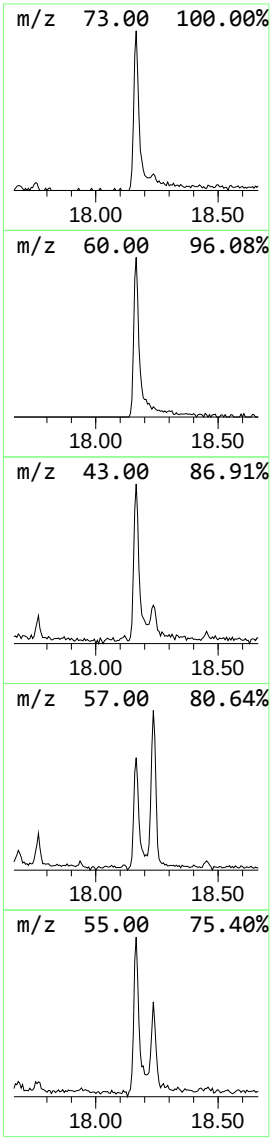
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.165	5.36 ng/ul	206723	Phenanthrene-d10	17.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058294.D
Acq On : 18 Jul 2023 9:58
Operator : CG/JU
Sample : 03444-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4672

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	3.147	529.2	ng/ul	5873740	1	7.895	221967	20.0
3-Penten-2-one,...	4.399	106.3	ng/ul	1180180	1	7.895	221967	20.0
Tetrachloroethy...	4.610	2.8	ng/ul	31184	1	7.895	221967	20.0
2-Pentanone, 4-...	4.998	55.8	ng/ul	619677	1	7.895	221967	20.0
2-Cyclohexen-1-ol	5.797	4.7	ng/ul	52344	1	7.895	221967	20.0
2-Cyclohexen-1-one	6.520	8.3	ng/ul	92593	1	7.895	221967	20.0
1,1'-Biphenyl, ...	17.754	18.8	ng/ul	724818	4	17.278	772011	20.0
Tridecanoic acid	18.165	5.4	ng/ul	206723	4	17.278	772011	20.0