LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053962.D
Acq On : 20 Jun 2022 23:50
Operator : CG/JU
Sample : N3358-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW4S8

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-BG062022.M
Title : SVOA CALIBRATION

Signal : TIC: BG053962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.918	86	90	101	rBV	21136	38533	0.37%	0.219%
2	5.987	428	442	451	rVB3	45443	150734	1.46%	0.859%
3	6.163	455	472	477	rBV	3628529	10300932	100.00%	58.676%
4	6.574	537	542	549	rVB	21006	36078	0.35%	0.206%
5	7.256	649	658	667	rBV2	26600	53436	0.52%	0.304%
6	7.397	672	682	690	rBV	37239	65017	0.63%	0.370%
7	8.078	792	798	804	rBV	61344	103462	1.00%	0.589%
8	8.137	804	808	816	rVB2	14496	23367	0.23%	0.133%
9	8.777	911	917	924	rBV	21776	37709	0.37%	0.215%
10	9.236	988	995	1004	rVB	51968	92730	0.90%	0.528%
11	10.052	1128	1134	1135	rBV2	7899	11260	0.11%	0.064%
12	10.082	1135	1139	1148	rVB3	12279	24863	0.24%	0.142%
13	10.793	1254	1260	1268	rVB	84957	145841	1.42%	0.831%
14	10.887	1268	1276	1286	rBB	80208	147253	1.43%	0.839%
15	11.016	1291	1298	1308	rBB	63286	117246	1.14%	0.668%
16	11.228	1328	1334	1341	rBV2	29739	51519	0.50%	0.293%
17	11.891	1441	1447	1452	rBB	12663	19618	0.19%	0.112%
18	12.220	1492	1503	1512	rBV	1183174	2070715	20.10%	11.795%
19	14.101	1816	1823	1830	rBB	163760	234579	2.28%	1.336%
20	14.394	1865	1873	1882	rVB	155324	253953	2.47%	1.447%
21	14.700	1919	1925	1933	rBB	156150	241523	2.34%	1.376%
22	15.693	2085	2094	2101	rBV	225828	362781	3.52%	2.066%
23	17.444	2382	2392	2400	rVB	221011	340867	3.31%	1.942%
24	17.544	2400	2409	2416	rBV	280894	453510	4.40%	2.583%
25	18.331	2540	2543	2551	rBV2	11236	19231	0.19%	0.110%
26	19.829	2791	2798	2808	rVB	409467	608229	5.90%	3.465%
27	21.357	3053	3058	3068	rBV2	42717	68172	0.66%	0.388%
28	21.721	3113	3120	3127	rVB	247848	424990	4.13%	2.421%
29	24.753	3625	3636	3647	rBV2	222863	609085	5.91%	3.469%
30	24.976	3663	3674	3690	rVB	149611	436107	4.23%	2.484%
31	26.181	3873	3879	3887	rVB8	4798	12357	0.12%	0.070%

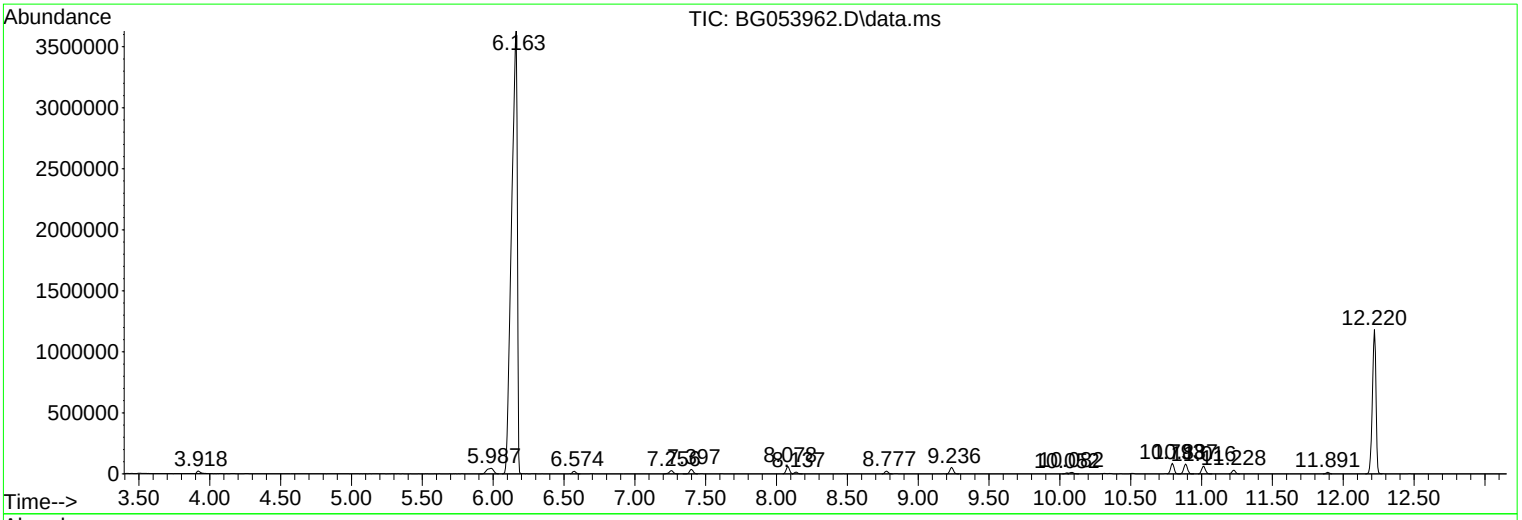
Sum of corrected areas: 17555697

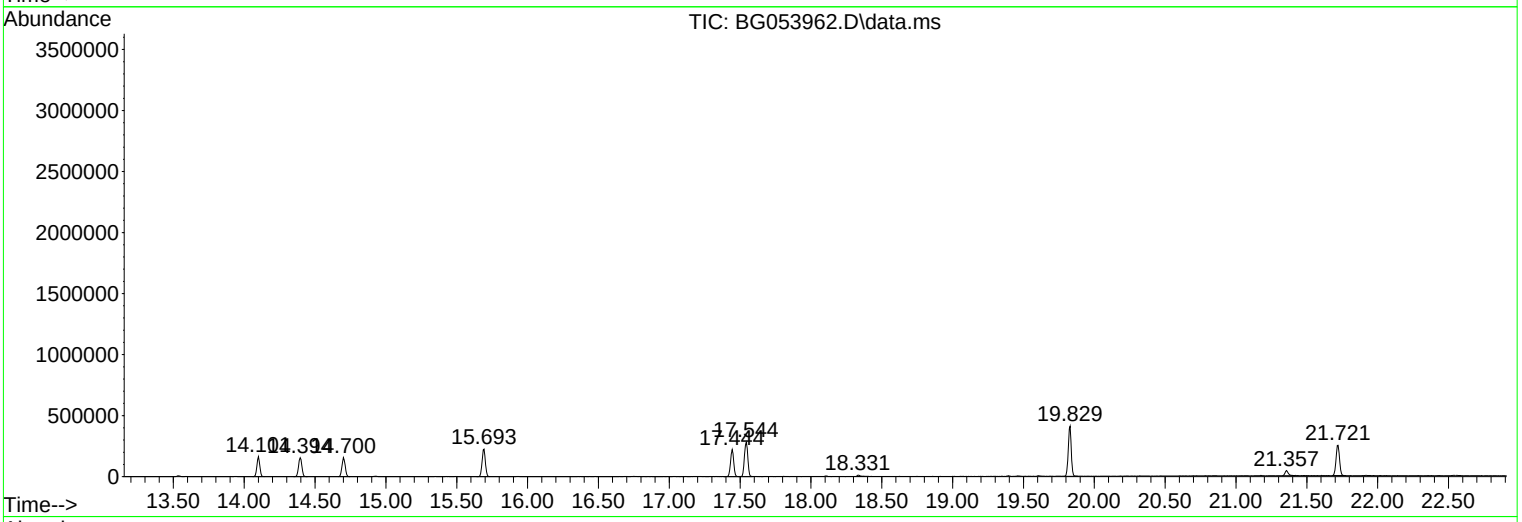
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053962.D
Acq On : 20 Jun 2022 23:50
Operator : CG/JU
Sample : N3358-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

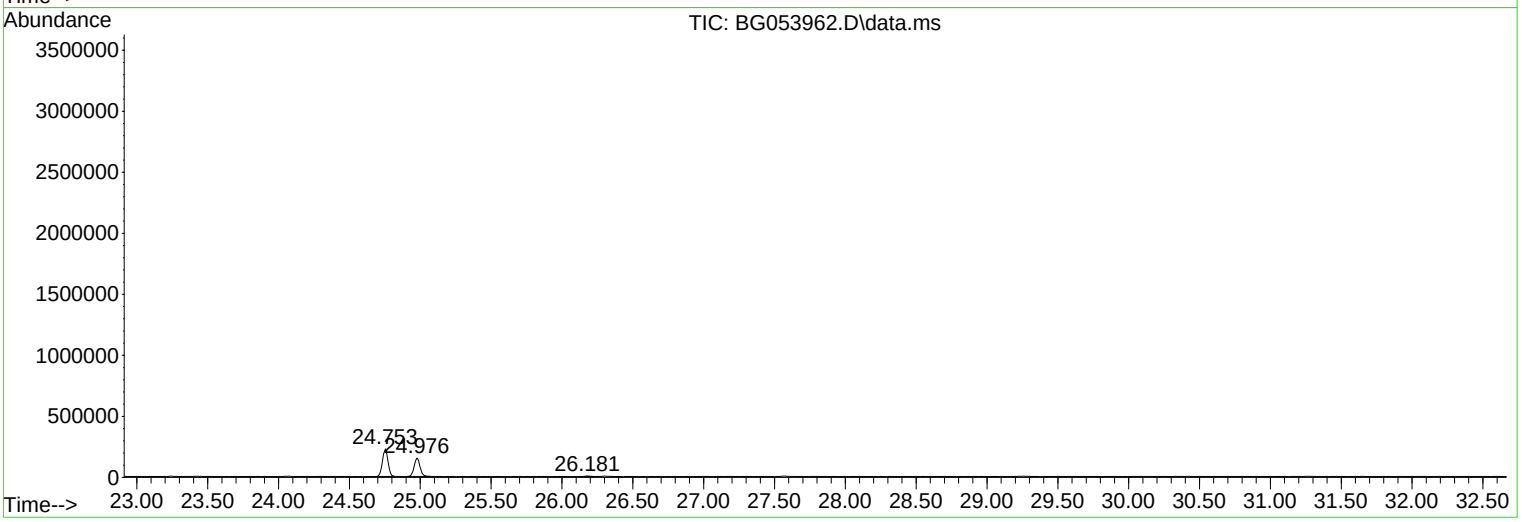
Instrument :
BNA_G
ClientSampleId :
EW4S8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

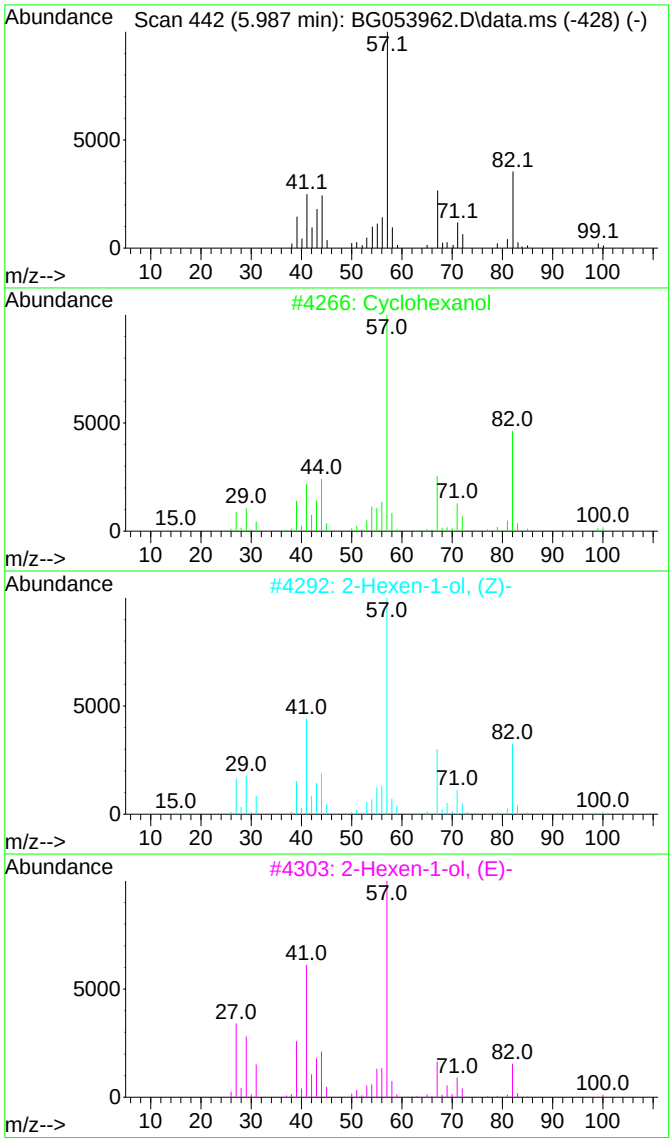
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

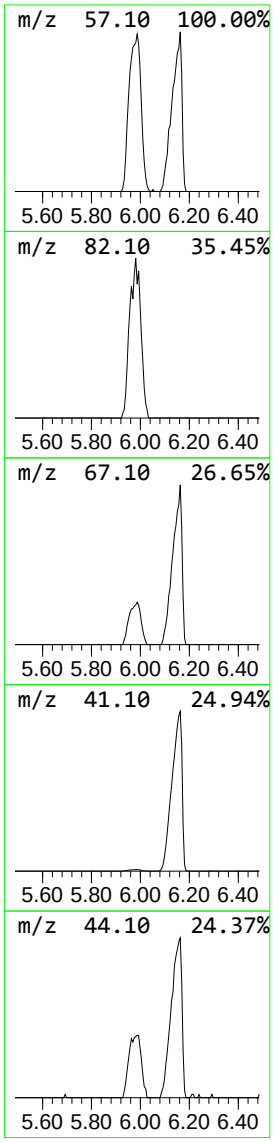
****

Peak Number 1 Cyclohexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.987	29.14 ng/ul	150734	1,4-Dichlorobenzene-d4	8.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	93
2	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	90
3	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	83
4	Cyclohexanol	100	C6H12O	000108-93-0	78
5	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	78





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Data File : BG053962.D
Acq On : 20 Jun 2022 23:50
Operator : CG/JU
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Instrument :
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ClientSampleId :
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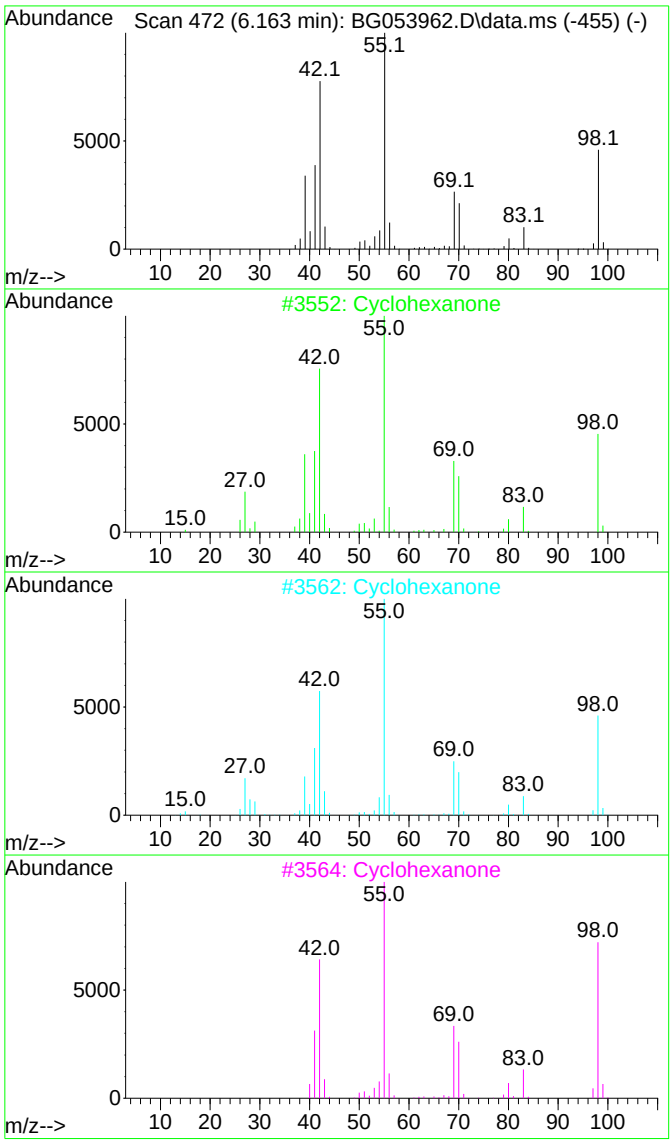
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

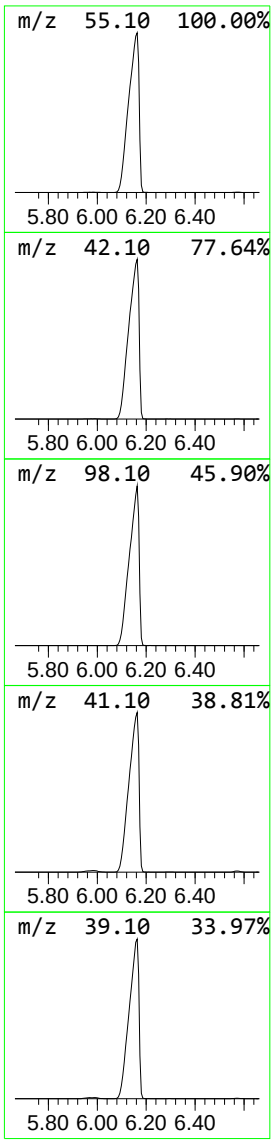
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.163	1991.25 ng/ul	10300900	1,4-Dichlorobenzene-d4	8.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclohexanone	98	C6H10O	000108-94-1	94
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclohexanone	98	C6H10O	000108-94-1	91





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Operator : CG/JU
Sample : N3358-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW4S8

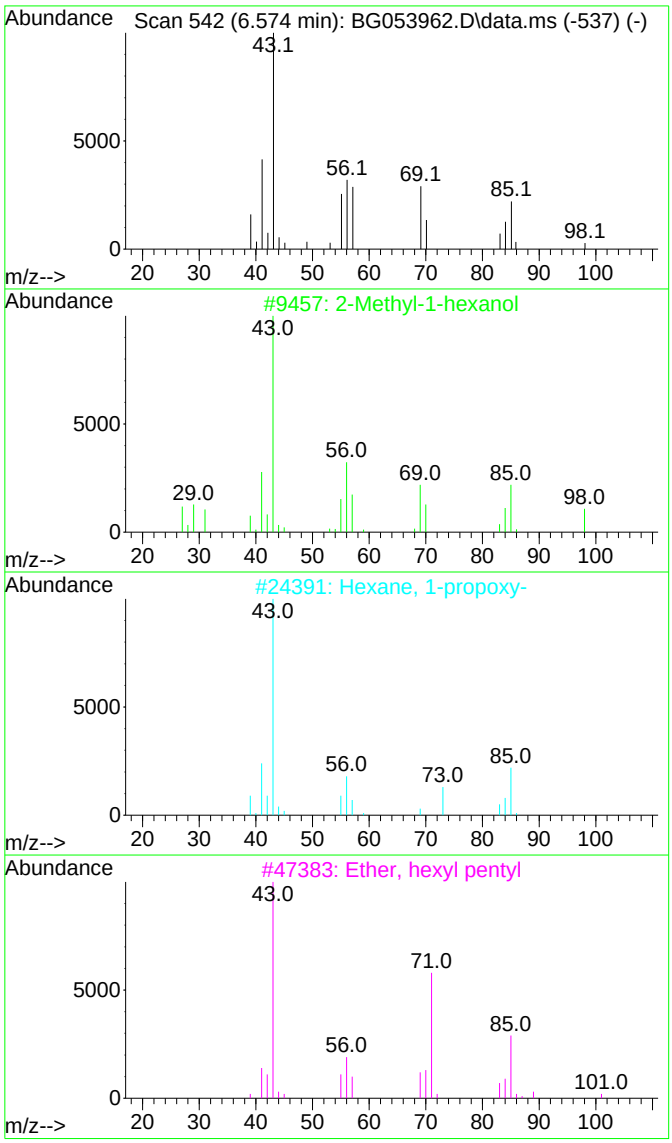
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

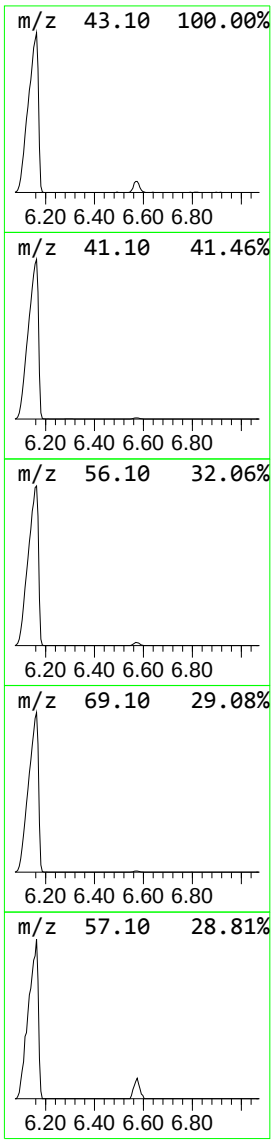
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Methyl-1-hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.574	6.97 ng/ul	36078	1,4-Dichlorobenzene-d4	8.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	78
2	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	50
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
4	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	43
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	40





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Data File : BG053962.D
Acq On : 20 Jun 2022 23:50
Operator : CG/JU
Sample : N3358-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW4S8

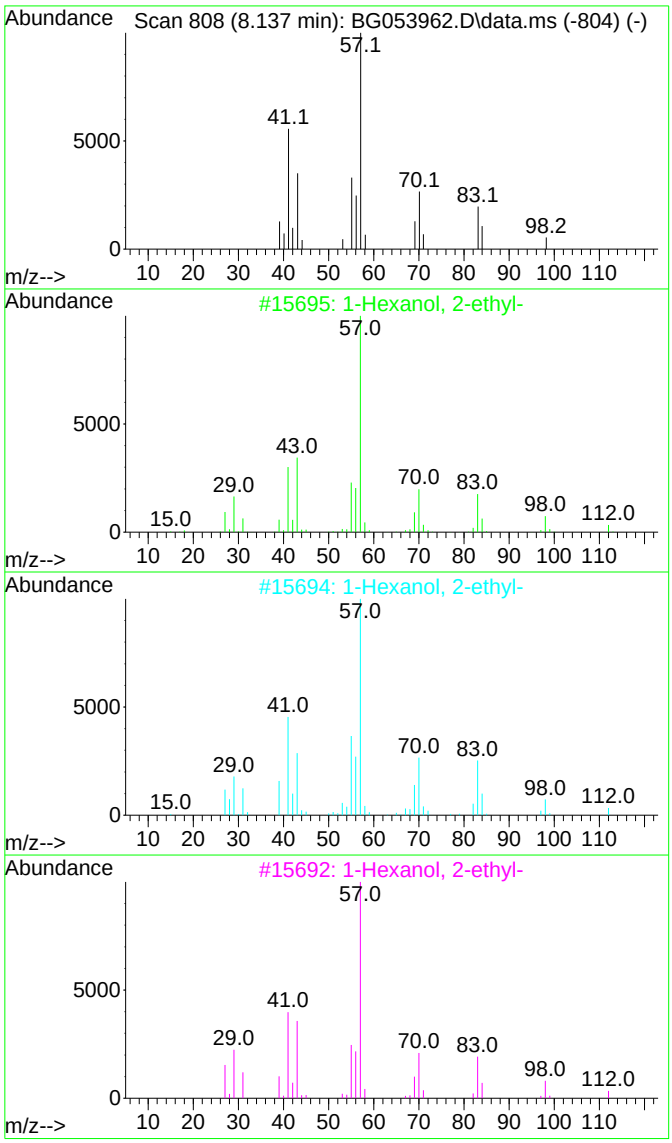
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

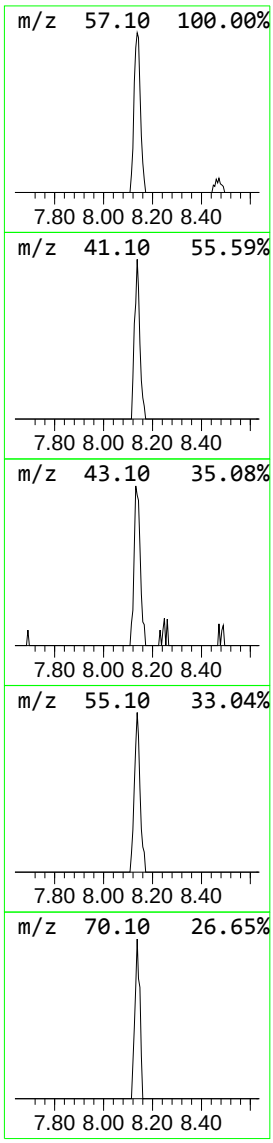
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.137	4.52 ng/ul	23367	1,4-Dichlorobenzene-d4	8.078

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053962.D
Acq On : 20 Jun 2022 23:50
Operator : CG/JU
Sample : N3358-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW4S8

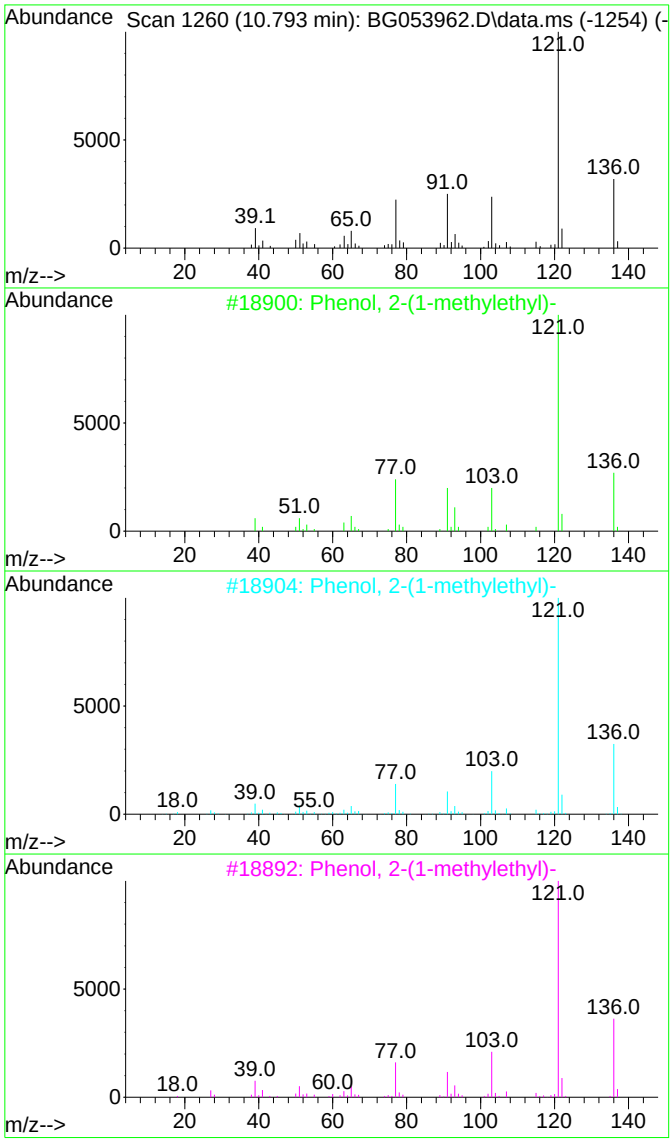
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

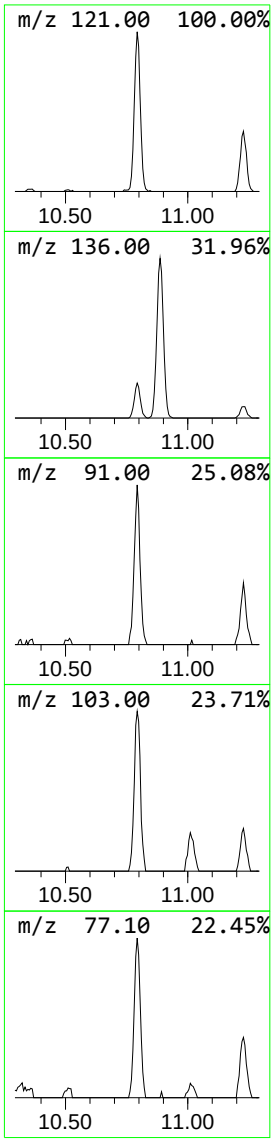
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 2-(1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.793	19.81 ng/ul	145841	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	94
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
5	p-Cumenol	136	C9H12O	000099-89-8	83





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

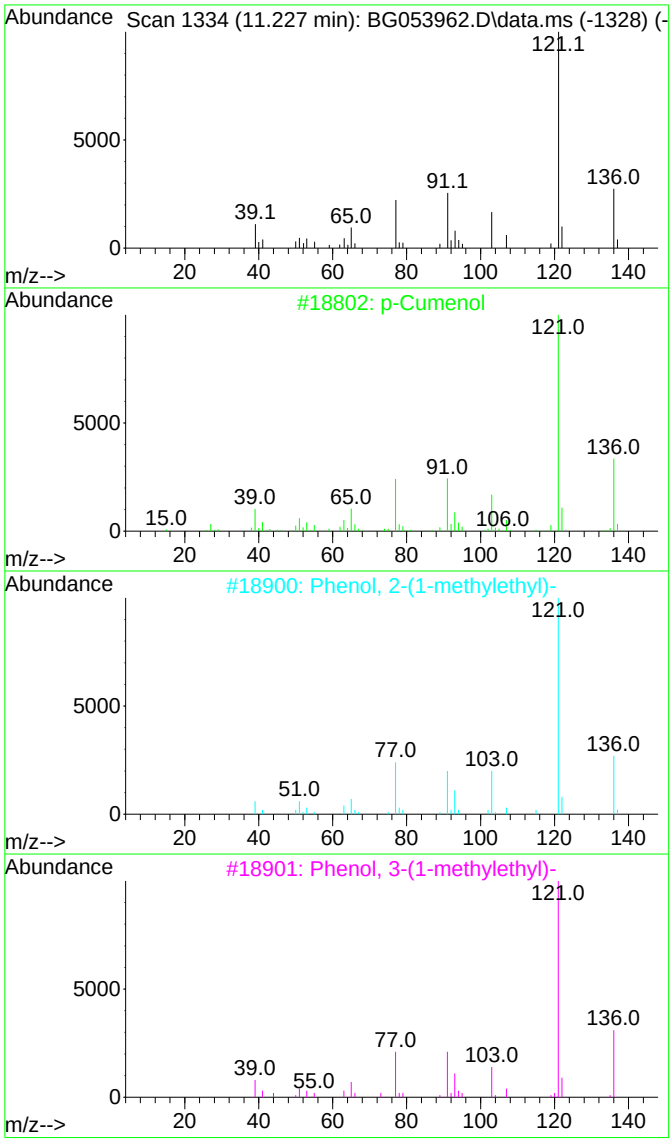
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

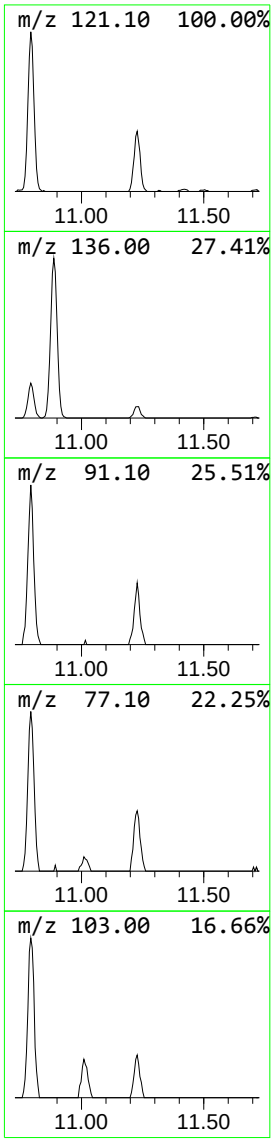
****

Peak Number 6 p-Cumenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	7.00 ng/ul	51519	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cumenol	136	C9H12O	000099-89-8	94
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	p-Cumenol	136	C9H12O	000099-89-8	91





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Operator : CG/JU
Sample : N3358-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW4S8

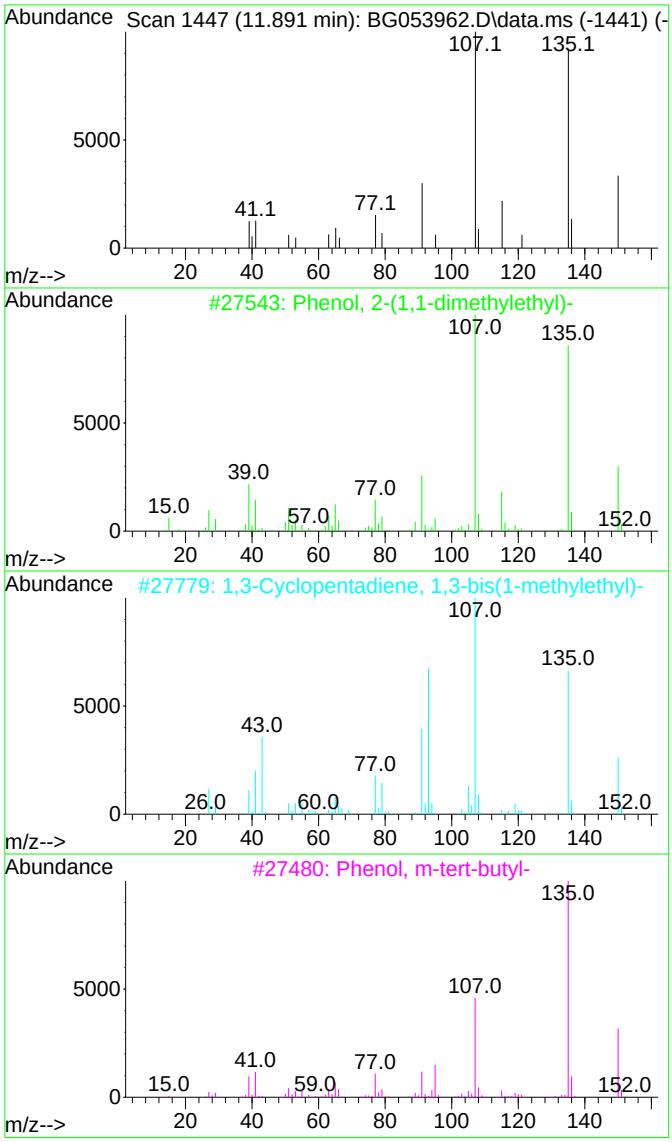
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

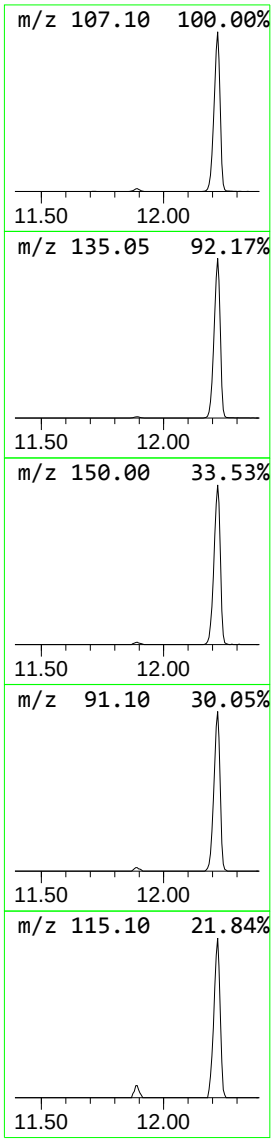
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	2.66 ng/ul	19618	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	87
2	1,3-Cyclopentadiene, 1,3-bis(1-m...	150	C11H18	123278-27-3	64
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	50
5	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	47





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

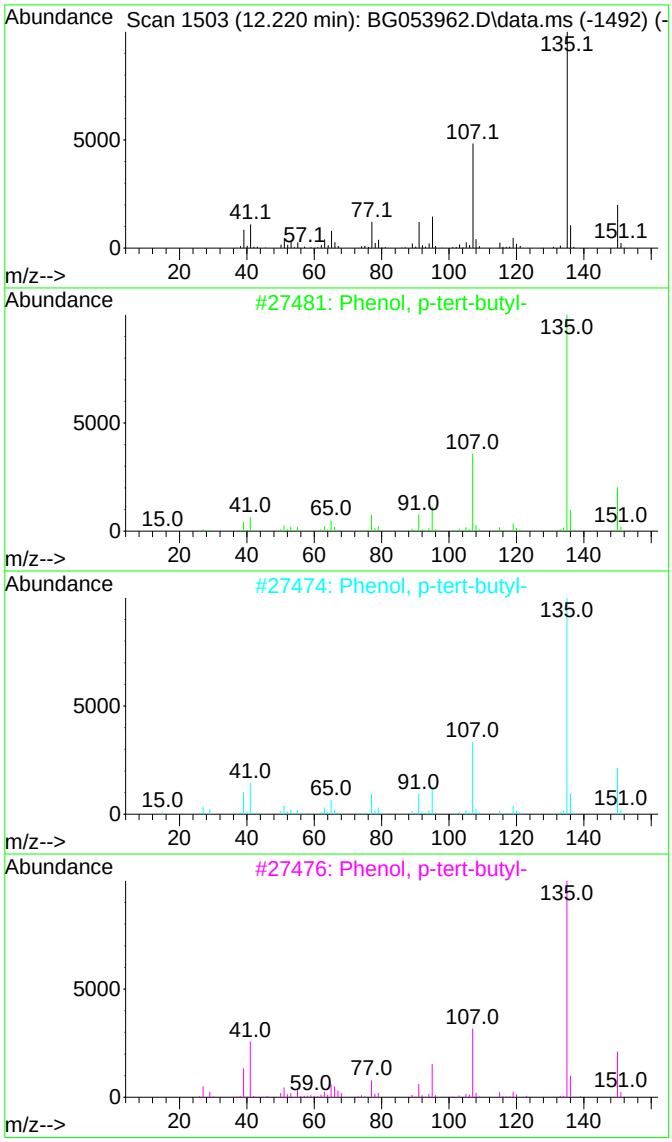
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

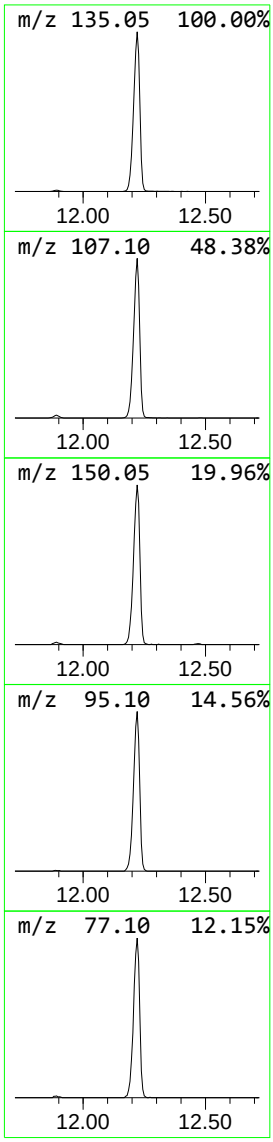
****

Peak Number 8 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.220	281.25 ng/ul	2070720	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	93
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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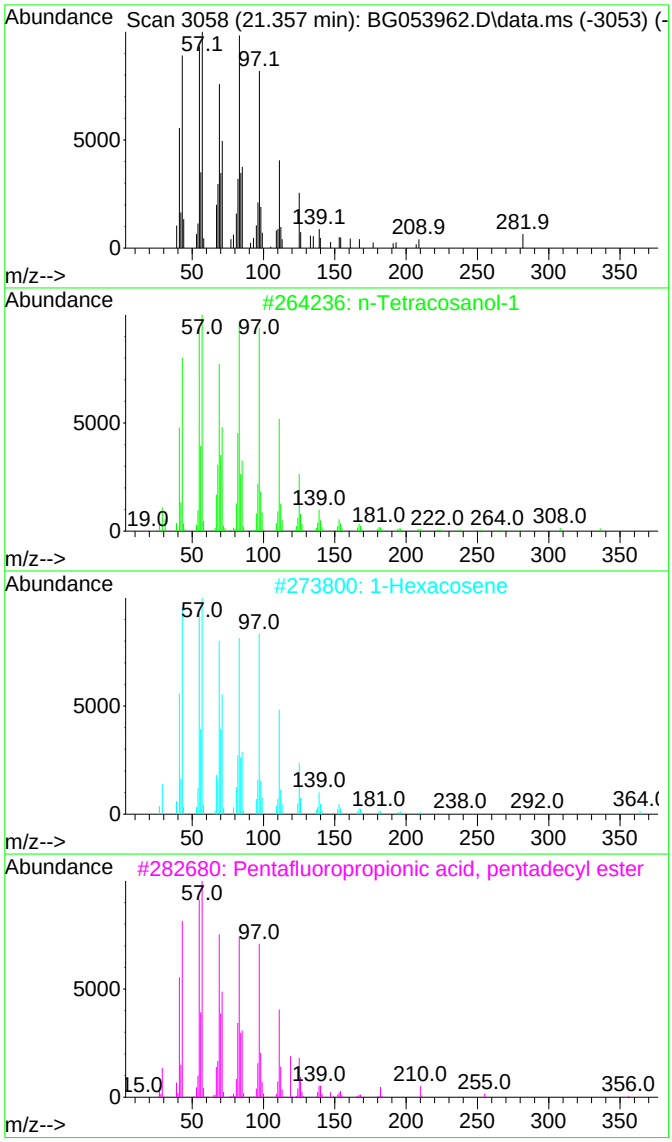
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

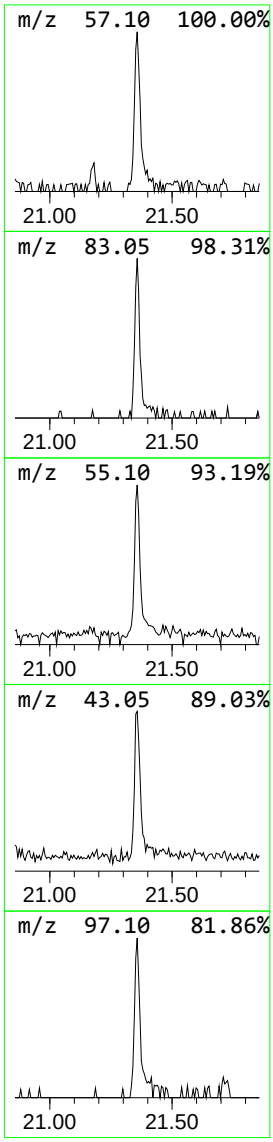
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.357	3.21 ng/ul	68172	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053962.D
Acq On : 20 Jun 2022 23:50
Operator : CG/JU
Sample : N3358-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW4S8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.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
Cyclohexanol	5.987	29.1	ng/ul	150734	1	8.078	103462	20.0
Cyclohexanone	6.163	1991.3	ng/ul	10300900	1	8.078	103462	20.0
2-Methyl-1-hexanol	6.574	7.0	ng/ul	36078	1	8.078	103462	20.0
1-Hexanol, 2-et...	8.137	4.5	ng/ul	23367	1	8.078	103462	20.0
Phenol, 2-(1-me...	10.793	19.8	ng/ul	145841	2	10.887	147253	20.0
p-Cumenol	11.227	7.0	ng/ul	51519	2	10.887	147253	20.0
Phenol, 2-(1,1-...	11.891	2.7	ng/ul	19618	2	10.887	147253	20.0
Phenol, p-tert-...	12.220	281.3	ng/ul	2070720	2	10.887	147253	20.0
n-Tetracosanol-1	21.357	3.2	ng/ul	68172	5	21.721	424990	20.0