LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

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_P\Methods\SFAM-EPA-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016324.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.564	60	64	77	rVB	23228	39302	1.64%	0.160%
2	3.711	84	89	95	rBV2	78850	176165	7.33%	0.718%
3	3.770	95	99	105	rVV2	129784	233516	9.72%	0.952%
4	3.823	105	108	113	rVV	152261	231440	9.64%	0.943%
5	3.870	113	116	119	rVV	38005	59067	2.46%	0.241%
6	3.899	119	121	125	rVV	26862	35224	1.47%	0.144%
7	3.964	129	132	138	rVB3	22400	30691	1.28%	0.125%
8	4.046	138	146	157	rBV2	169407	476466	19.84%	1.942%
9	4.228	173	177	181	rBV	124067	202887	8.45%	0.827%
10	4.276	181	185	200	rVB	290984	475893	19.81%	1.940%
11	4.434	207	212	218	rBV	72351	123714	5.15%	0.504%
12	4.570	230	235	237	rBV	34068	48808	2.03%	0.199%
13	4.617	237	243	250	rVV	508622	851178	35.44%	3.469%
14	4.681	250	254	255	rVV	180572	233613	9.73%	0.952%
15	4.705	255	258	267	rVB2	232635	370846	15.44%	1.512%
16	4.846	279	282	286	rVB5	17758	23076	0.96%	0.094%
17	4.987	301	306	311	rBV	17503	26890	1.12%	0.110%
18	5.128	326	330	337	rBV3	20670	44848	1.87%	0.183%
19	5.352	363	368	375	rVB8	10612	18888	0.79%	0.077%
20	5.822	442	448	453	rBV4	55894	118441	4.93%	0.483%
21	5.970	471	473	486	rVB5	15624	34818	1.45%	0.142%
22	6.170	500	507	513	rVV8	9124	23720	0.99%	0.097%
23	6.240	513	519	529	rVV4	51817	145941	6.08%	0.595%
24	6.334	529	535	541	rVB5	14089	34414	1.43%	0.140%
25	6.593	573	579	588	rBV	60442	140414	5.85%	0.572%
26	6.693	592	596	600	rVV3	19693	29113	1.21%	0.119%
27	6.775	606	610	616	rVB	29659	50341	2.10%	0.205%
28	6.958	635	641	646	rBV3	10661	18924	0.79%	0.077%
29	7.146	666	673	674	rBV	44050	63227	2.63%	0.258%
30	7.181	674	679	693	rVV4	67874	306722	12.77%	1.250%
31	7.293	693	698	710	rVV	106921	289032	12.03%	1.178%
32	7.375	710	712	721	rVB4	17970	34011	1.42%	0.139%
33	7.505	728	734	748	rBV	119567	302327	12.59%	1.232%
34	7.722	762	771	775	rBV8	22189	64356	2.68%	0.262%
35	7.952	804	810	827	rVV	209310	549754	22.89%	2.241%
36	8.087	827	833	838	rVV	46561	82259	3.42%	0.335%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A46X4

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_P\Methods\SFAM-EPA-BP071223.MA.M
Title : SVOA CALIBRATION

37	8.169	841	847	856	rVV2	67907	129608	5.40%	0.528%
38	8.275	859	865	876	rVV4	36675	89403	3.72%	0.364%
39	8.640	921	927	934	rVB6	6892	18564	0.77%	0.076%
40	8.787	942	952	956	rBV7	19452	50966	2.12%	0.208%
41	8.863	958	965	978	rVV3	41577	153861	6.41%	0.627%
42	9.016	987	991	999	rVB	18866	38880	1.62%	0.158%
43	9.181	1013	1019	1032	rBV2	93358	329004	13.70%	1.341%
44	9.369	1048	1051	1060	rVV3	11484	23717	0.99%	0.097%
45	9.446	1060	1064	1068	rVV2	21955	40614	1.69%	0.166%
46	9.487	1068	1071	1078	rVB3	29735	47989	2.00%	0.196%
47	9.563	1079	1084	1093	rVB8	11171	28722	1.20%	0.117%
48	9.681	1099	1104	1115	rVB8	10748	25341	1.06%	0.103%
49	9.840	1126	1131	1137	rVB2	14232	24717	1.03%	0.101%
50	9.922	1137	1145	1147	rBV3	54878	117557	4.89%	0.479%
51	10.093	1169	1174	1181	rVV4	36084	65499	2.73%	0.267%
52	10.352	1213	1218	1222	rBV5	14730	27838	1.16%	0.113%
53	10.440	1228	1233	1241	rVB4	18308	40175	1.67%	0.164%
54	10.552	1241	1252	1253	rBV6	49187	104976	4.37%	0.428%
55	10.610	1259	1262	1272	rVB2	57644	117017	4.87%	0.477%
56	10.775	1283	1290	1315	rBV	321873	896551	37.33%	3.654%
57	10.952	1315	1320	1330	rVB2	29143	60143	2.50%	0.245%
58	11.157	1346	1355	1358	rBV6	32743	79625	3.32%	0.325%
59	11.199	1359	1362	1369	rVB2	30331	54997	2.29%	0.224%
60	11.399	1391	1396	1399	rVV	47939	80882	3.37%	0.330%
61	11.428	1399	1401	1408	rVB	50969	77471	3.23%	0.316%
62	11.516	1408	1416	1421	rBV2	51854	111554	4.64%	0.455%
63	11.599	1426	1430	1439	rVV3	24339	50635	2.11%	0.206%
64	11.669	1439	1442	1449	rVB4	12262	20877	0.87%	0.085%
65	11.963	1486	1492	1496	rBV5	9674	20669	0.86%	0.084%
66	12.210	1529	1534	1538	rBV6	17060	34619	1.44%	0.141%
67	12.434	1566	1572	1577	rBV10	12060	28100	1.17%	0.115%
68	12.493	1578	1582	1589	rVB4	18400	30573	1.27%	0.125%
69	12.646	1602	1608	1614	rBV4	16985	33428	1.39%	0.136%
70	12.834	1634	1640	1649	rVB3	25847	55078	2.29%	0.224%
71	12.981	1653	1665	1669	rBV3	30803	64885	2.70%	0.264%
72	13.028	1669	1673	1679	rVB4	27162	51061	2.13%	0.208%
73	13.410	1733	1738	1746	rBV9	7882	18169	0.76%	0.074%
74	14.034	1838	1844	1865	rVV	387527	911152	37.93%	3.714%
75	14.304	1882	1890	1907	rBV2	473569	896357	37.32%	3.654%
76	14.604	1934	1941	1958	rBV	748209	1342362	55.89%	5.471%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A46X4

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_P\Methods\SFAM-EPA-BP071223.MA.M
Title : SVOA CALIBRATION

77	14.828	1974	1979	1985	rBV3	18716	29278	1.22%	0.119%
78	15.040	2007	2015	2032	rBV5	68446	303207	12.62%	1.236%
79	15.616	2106	2113	2131	rBV	607611	1343887	55.95%	5.478%
80	15.845	2144	2152	2154	rBV5	57755	122505	5.10%	0.499%
81	15.998	2172	2178	2188	rVB	110568	208835	8.69%	0.851%
82	16.422	2245	2250	2255	rBV8	11741	20039	0.83%	0.082%
83	16.540	2267	2270	2276	rBV5	13544	25396	1.06%	0.104%
84	17.257	2387	2392	2396	rBV4	12351	24433	1.02%	0.100%
85	17.375	2405	2412	2425	rBV	992505	1771044	73.73%	7.219%
86	17.487	2425	2431	2449	rVB	389955	966573	40.24%	3.940%
87	18.228	2552	2557	2567	rBV	212433	407658	16.97%	1.662%
88	18.816	2651	2657	2665	rBV9	30541	102124	4.25%	0.416%
89	19.045	2693	2696	2698	rBV	19575	20912	0.87%	0.085%
90	19.398	2753	2756	2762	rVB	76180	105865	4.41%	0.431%
91	19.457	2762	2766	2778	rBV	117918	206725	8.61%	0.843%
92	19.710	2804	2809	2826	rBV	516772	1003008	41.76%	4.088%
93	20.657	2968	2970	2974	rBV3	38015	40173	1.67%	0.164%
94	20.875	3003	3007	3010	rBV	154794	173744	7.23%	0.708%
95	21.116	3045	3048	3051	rBV2	71116	84972	3.54%	0.346%
96	21.322	3080	3083	3089	rVB2	141987	184482	7.68%	0.752%
97	21.469	3103	3108	3120	rBV	1334490	2401949	100.00%	9.790%
98	22.016	3199	3201	3205	rVB	156514	167281	6.96%	0.682%
99	23.092	3380	3384	3393	rVB	236184	368525	15.34%	1.502%
100	23.957	3525	3531	3547	rVB	782930	2067618	86.08%	8.427%

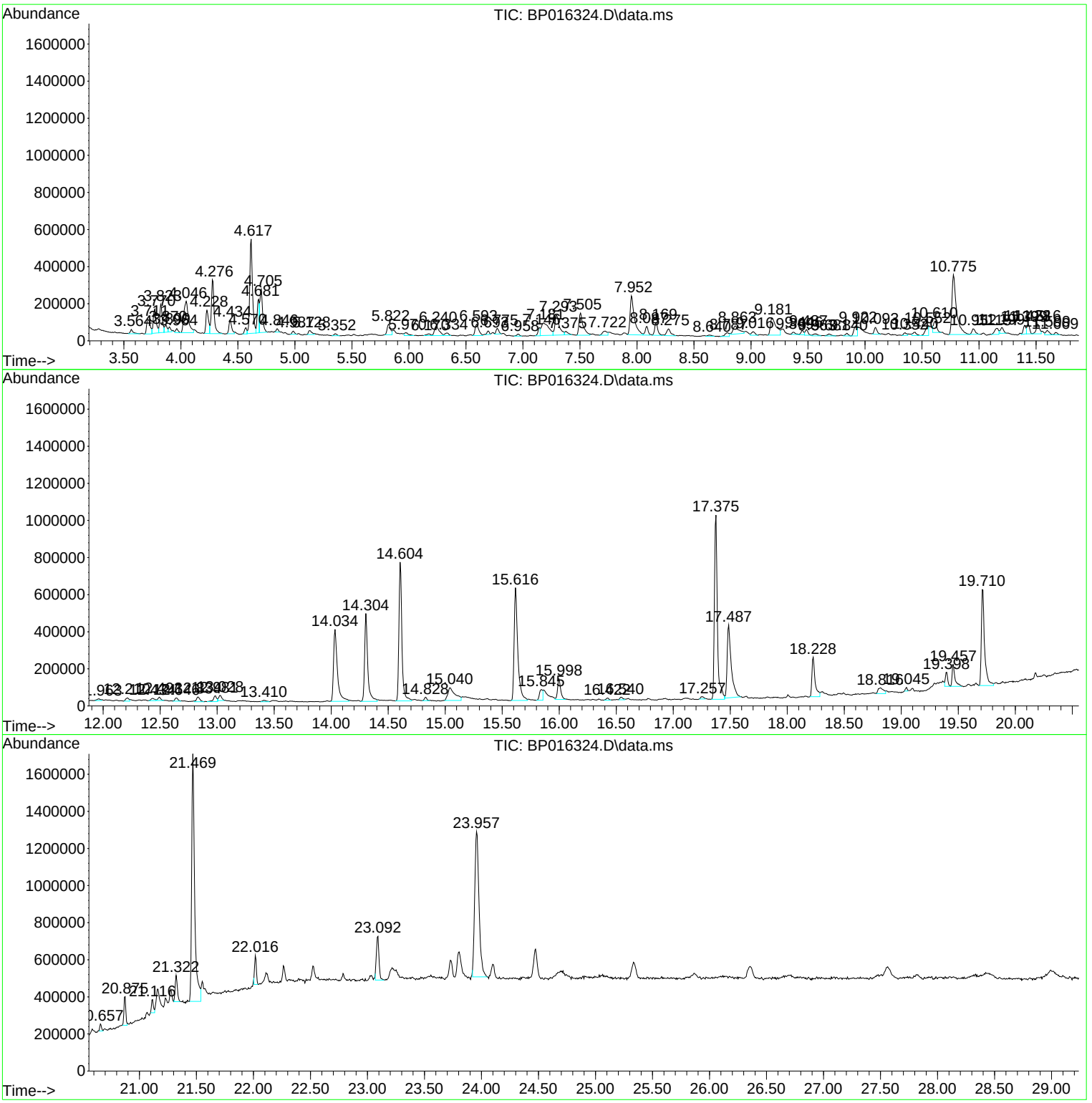
Sum of corrected areas: 24534195

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

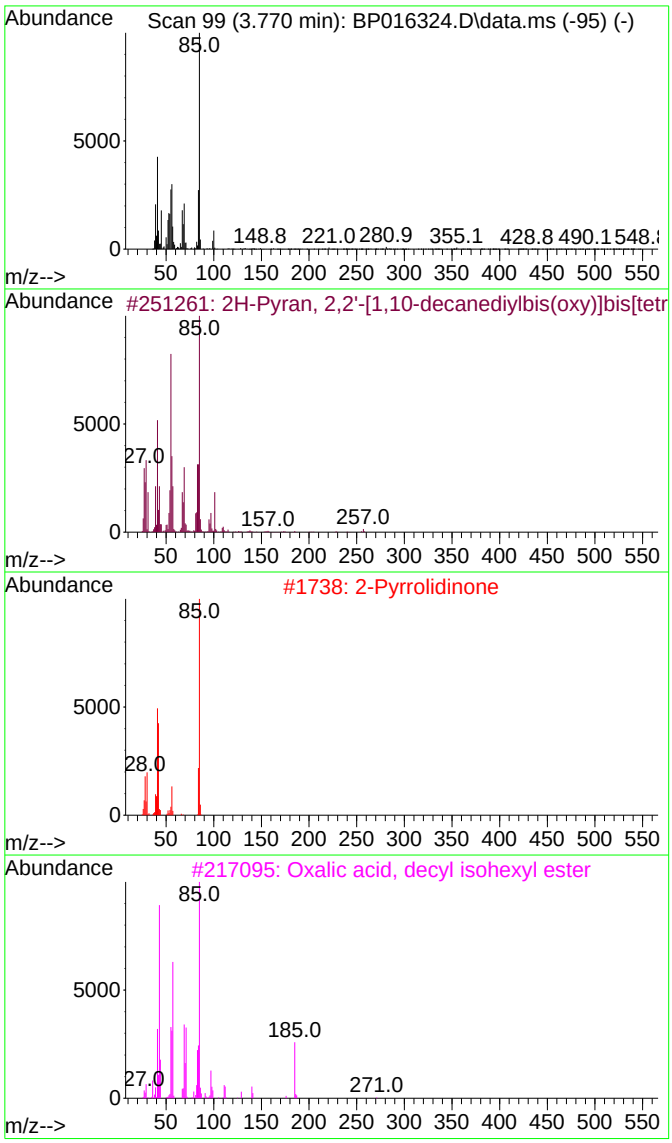
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

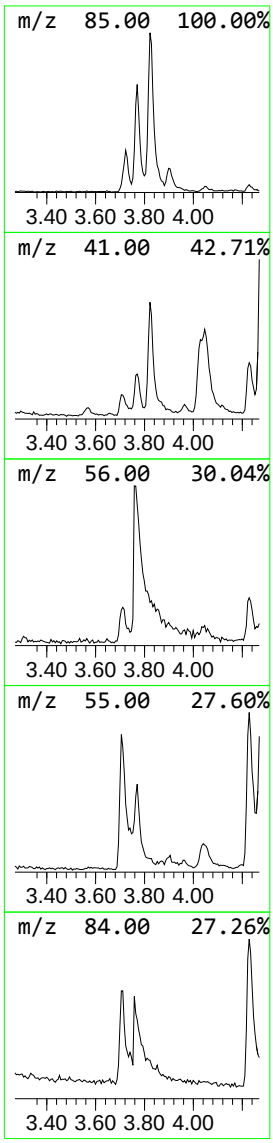
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2H-Pyran, 2,2'-[1,10-decane... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.770	8.50 ng/ul	233516	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2,2'-[1,10-decanediylb...	342	C20H38O4	056599-49-6	64
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	53
3	Oxalic acid, decyl isohexyl ester	314	C18H34O4	1000309-33-3	50
4	Piperazine, 1-(4-bromobenzenesul...	304	C10H13BrN2O2S	1000303-72-6	50
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

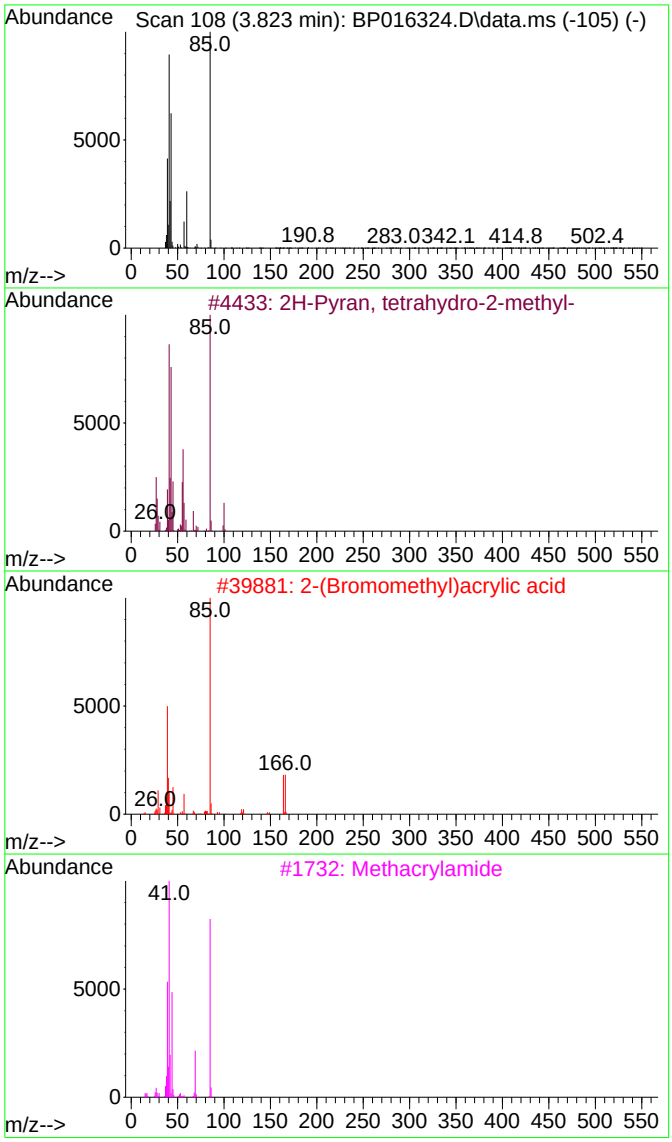
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

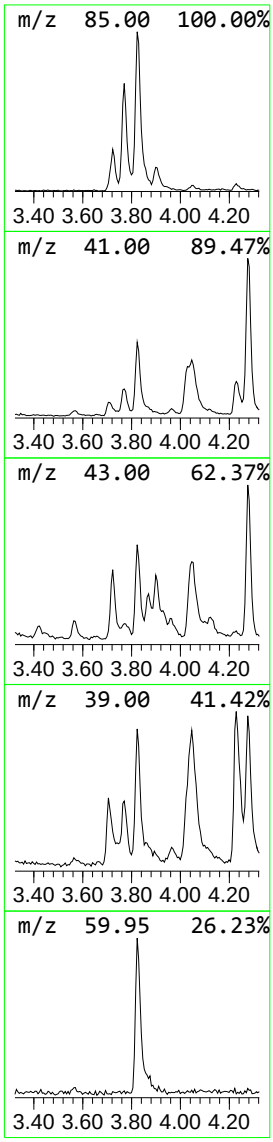
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.823	8.42 ng/ul	231440	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	50
2	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	40
3	Methacrylamide	85	C4H7NO	000079-39-0	25
4	Sulfurous acid, isohexyl 2-propy...	208	C9H20O3S	1000309-11-6	23
5	n-Butyl nitrite	103	C4H9NO2	000544-16-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

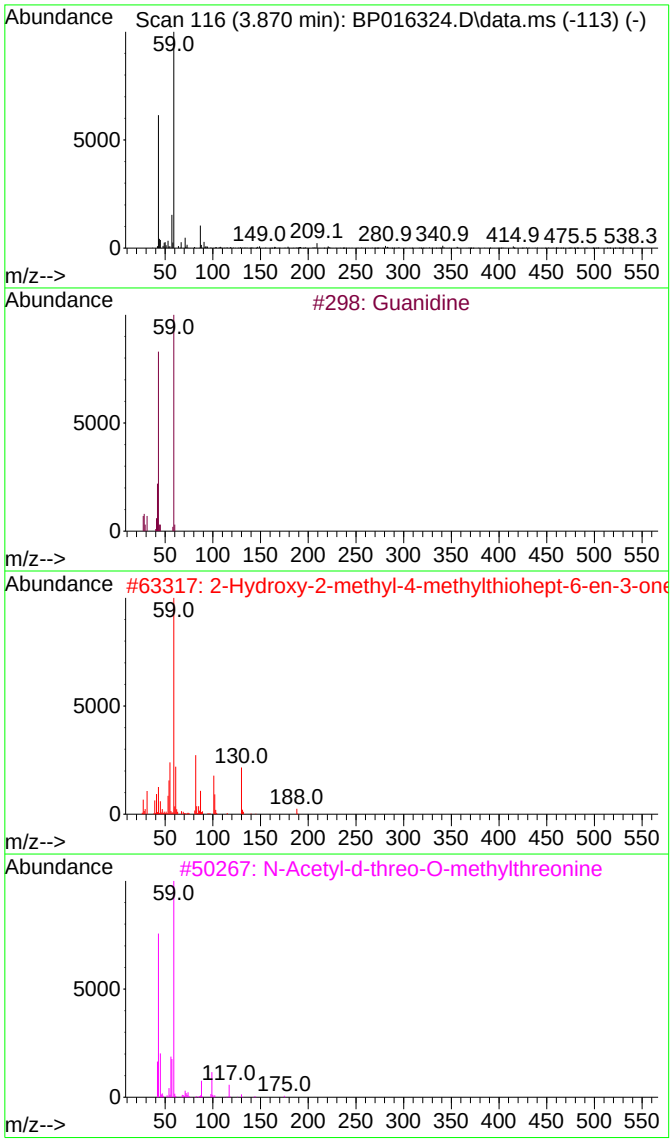
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

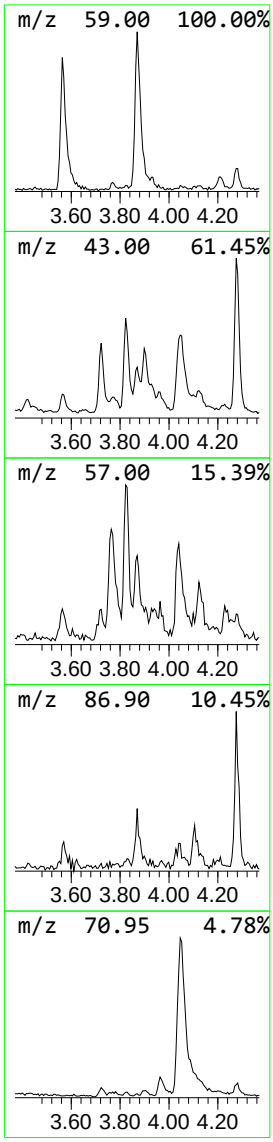
****

Peak Number 3 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.870	2.15 ng/ul	59067	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	9
2	2-Hydroxy-2-methyl-4-methylthioh...	188	C9H16O2S	1000187-67-9	9
3	N-Acetyl-d-threo-O-methylthreonine	175	C7H13NO4	1000214-70-5	9
4	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	9
5	Ethane, (chloromethoxy)-	94	C3H7ClO	003188-13-4	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

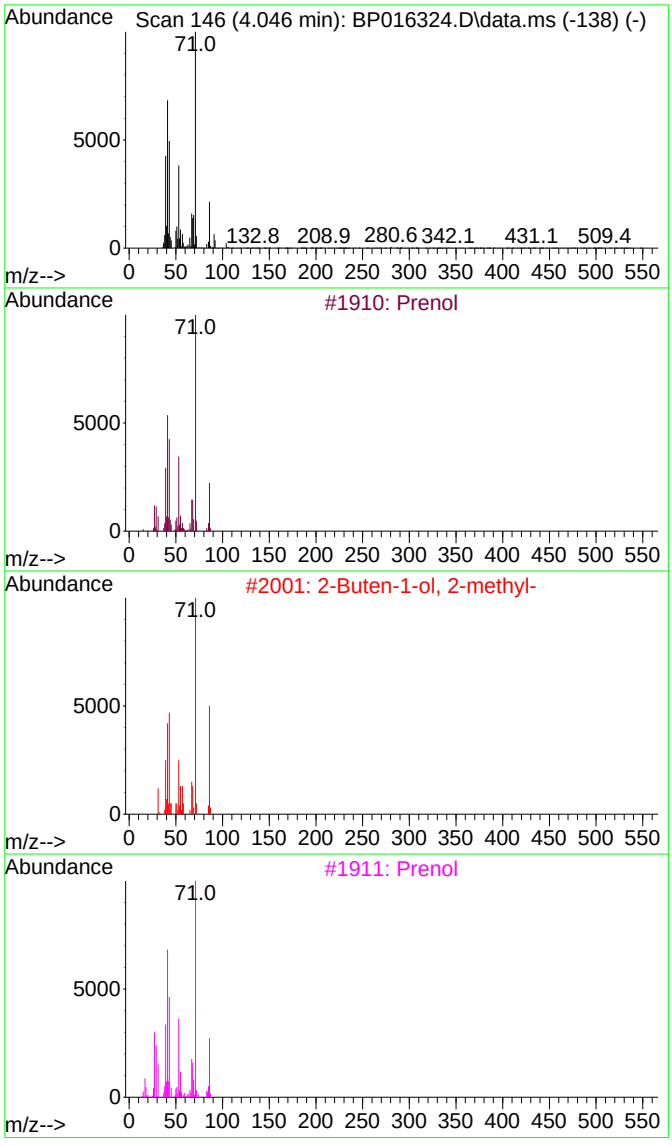
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

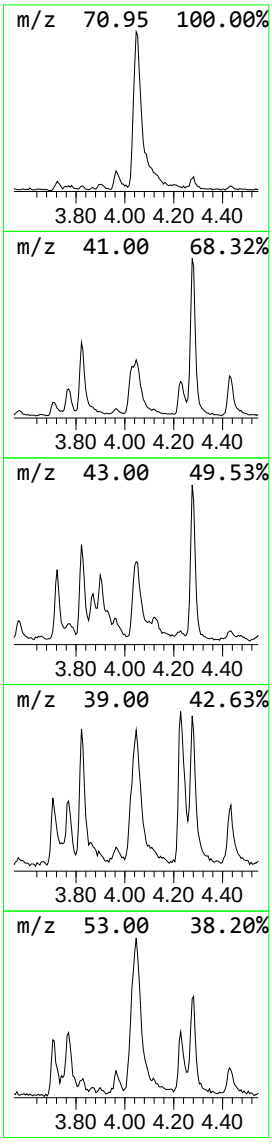
****

Peak Number 4 Prenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.046	17.33 ng/ul	476466	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prenol	86	C5H10O	000556-82-1	93
2	2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	87
3	Prenol	86	C5H10O	000556-82-1	64
4	Prenol	86	C5H10O	000556-82-1	38
5	Prenol	86	C5H10O	000556-82-1	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

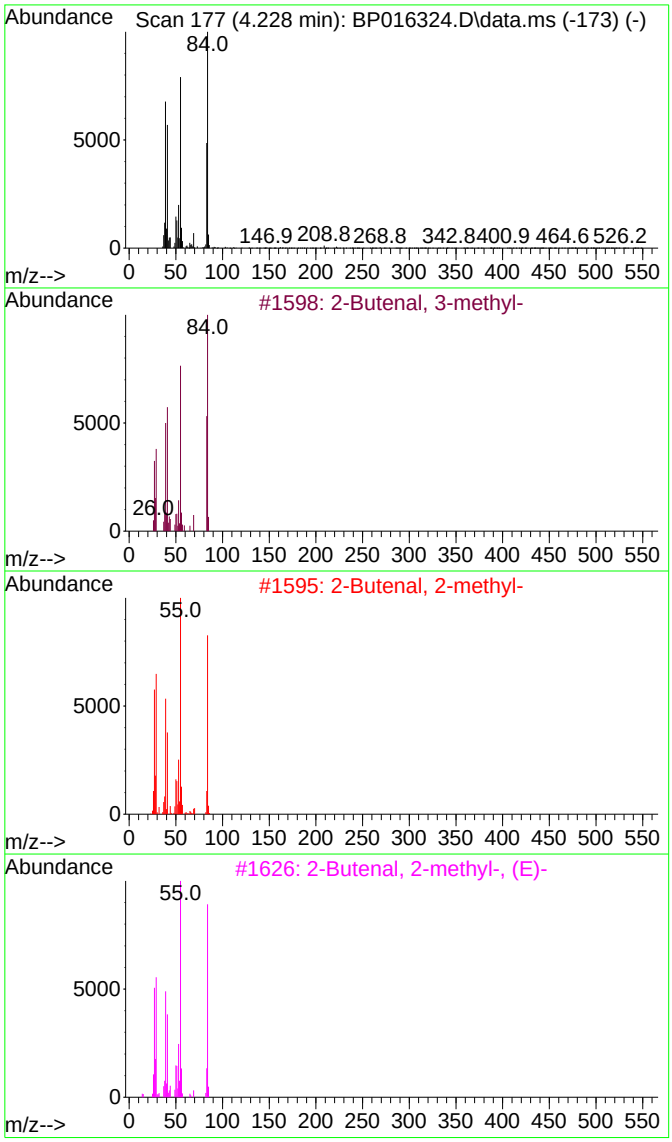
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

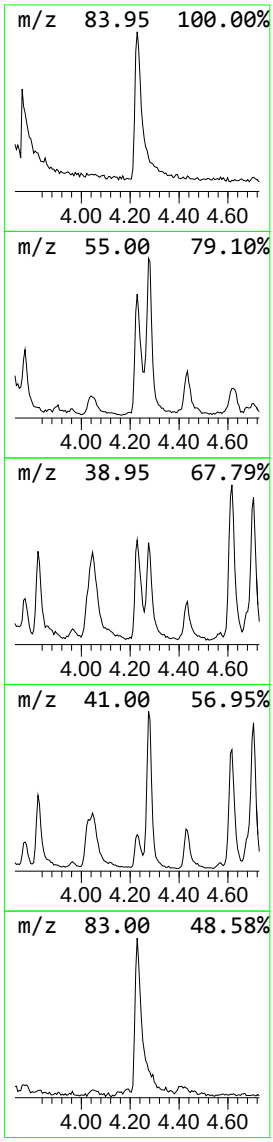
****

Peak Number 5 2-Butenal, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.228	7.38 ng/ul	202887	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	90
2	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	62
3	2-Butenal, 2-methyl-, (E)-	84	C5H8O	000497-03-0	58
4	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	58
5	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

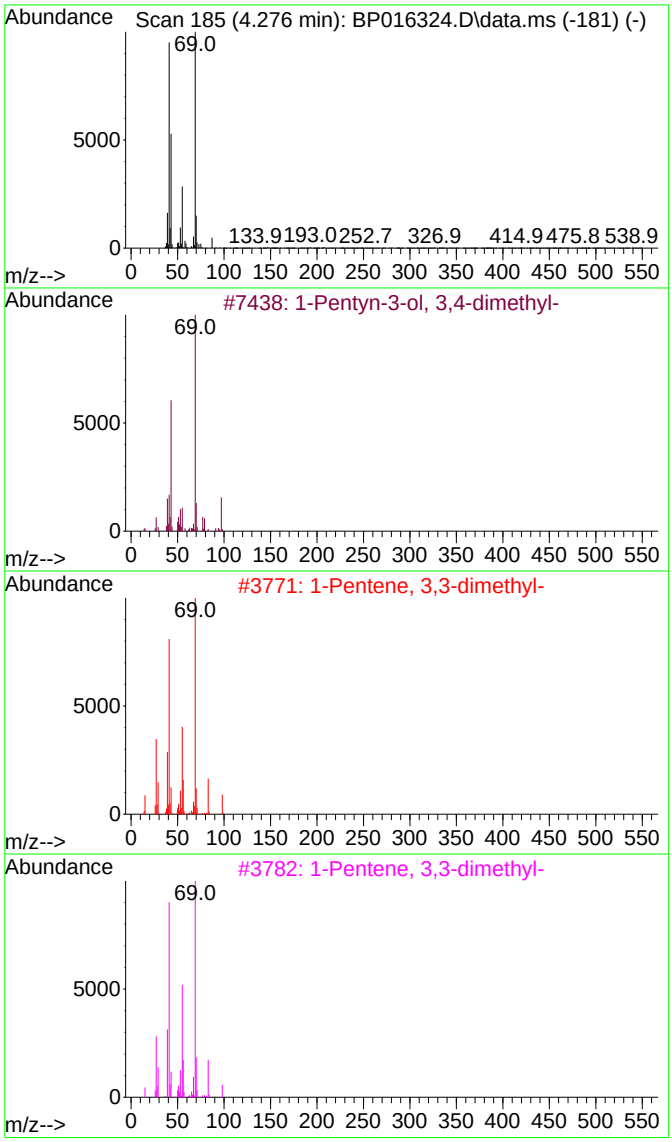
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

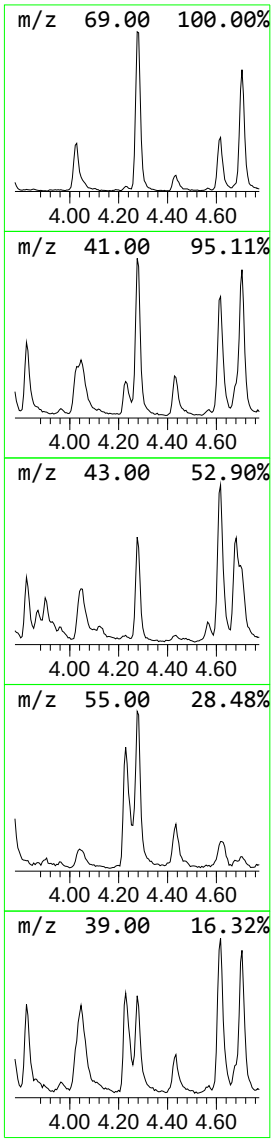
****

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.276	17.31 ng/ul	475893	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	45
2	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	43
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	40
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	39
5	4-Trifluoroacetoxyoctane	226	C10H17F3O2	116465-17-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

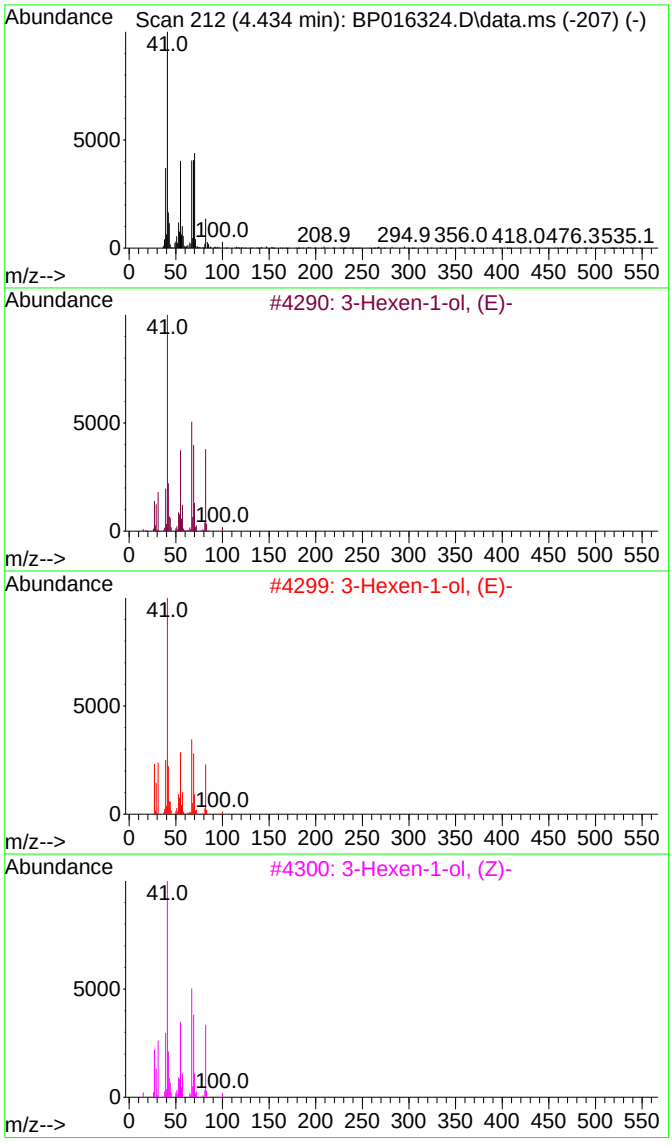
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

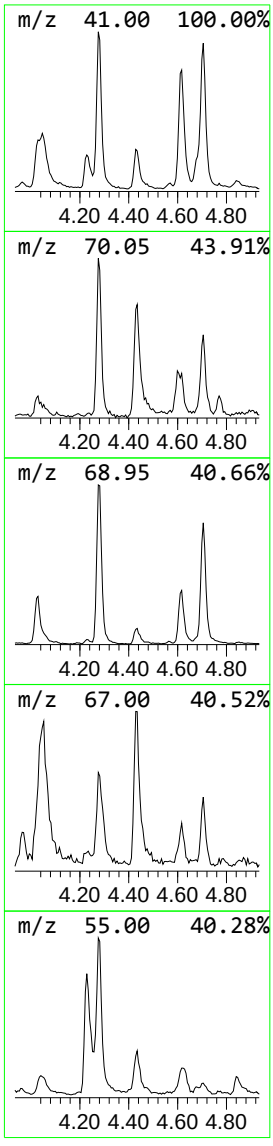
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Hexen-1-ol, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.434	4.50 ng/ul	123714	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	52
2	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	50
3	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	46
4	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	40
5	3-Hexen-1-ol	100	C6H12O	000544-12-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

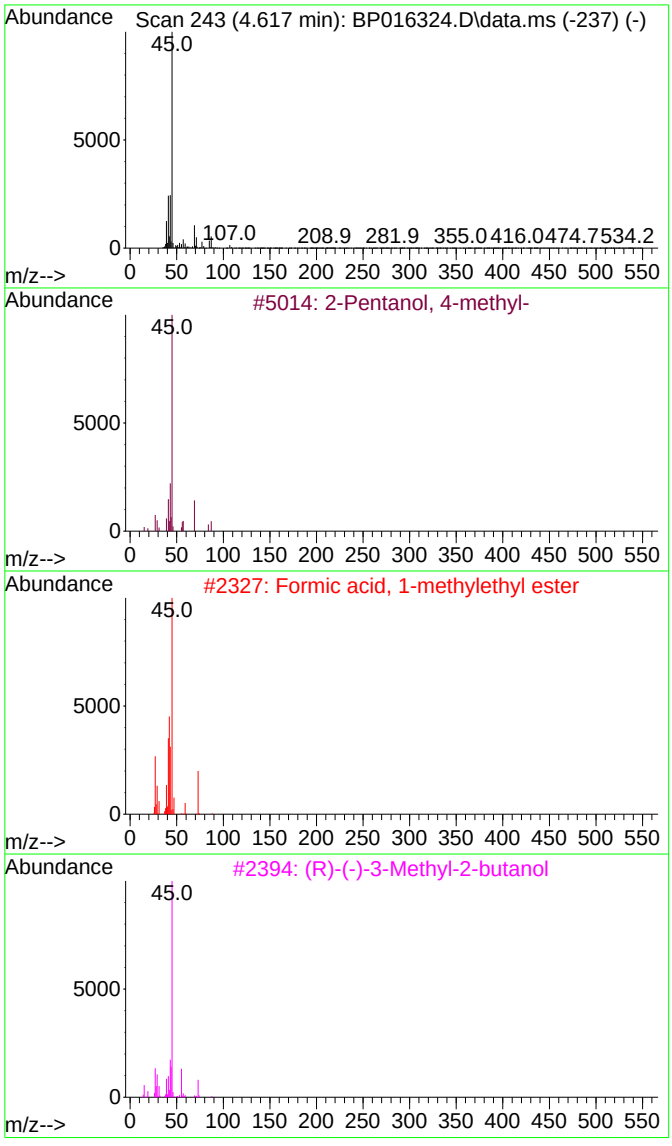
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

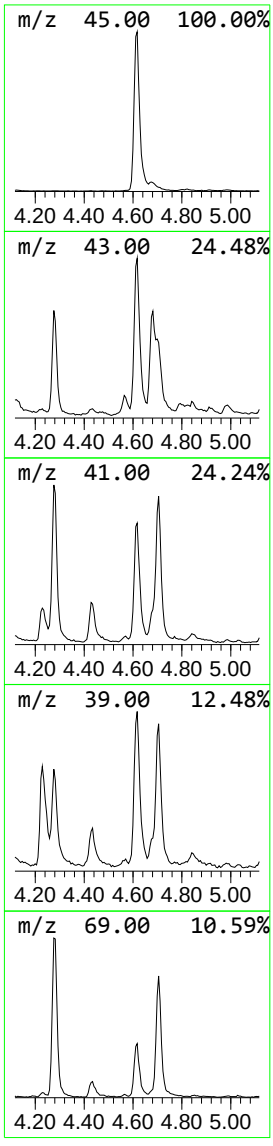
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Pentanol, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.617	30.97 ng/ul	851178	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
2	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	53
3	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	53
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50
5	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

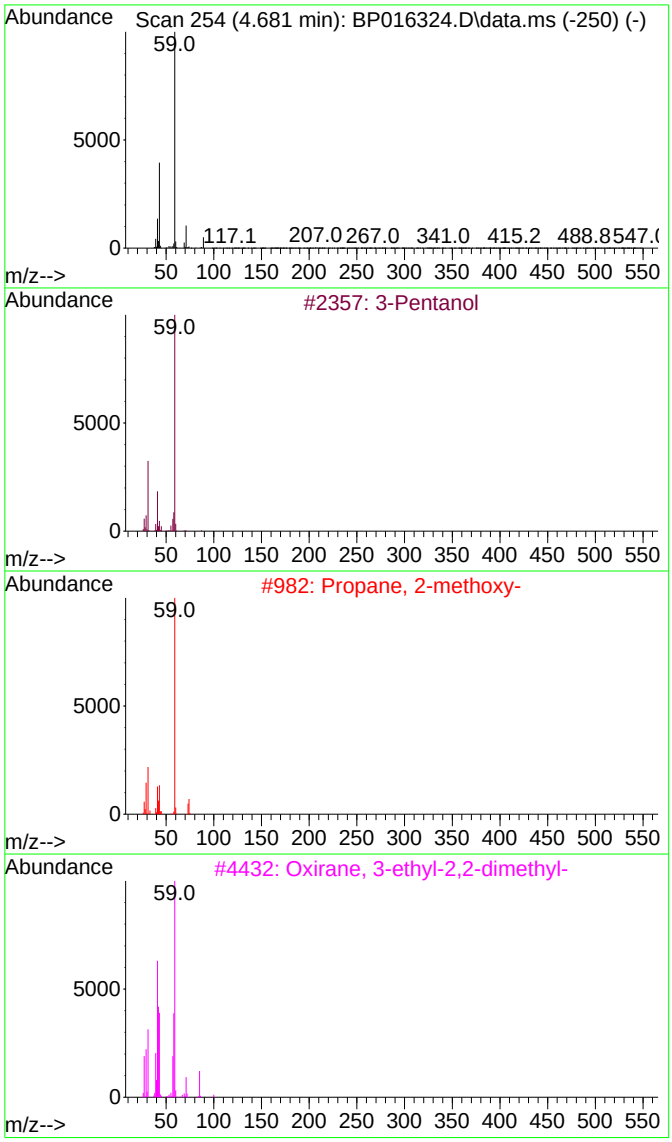
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

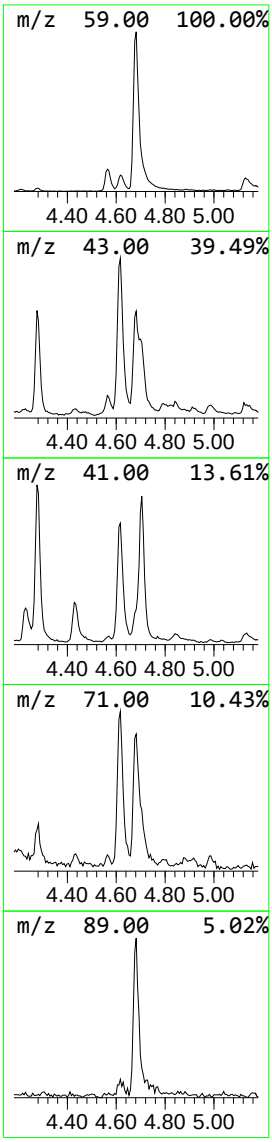
****

Peak Number 9 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.681	8.50 ng/ul	233613	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol	88	C5H12O	000584-02-1	9
2	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9
3	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	9
4	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	9
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

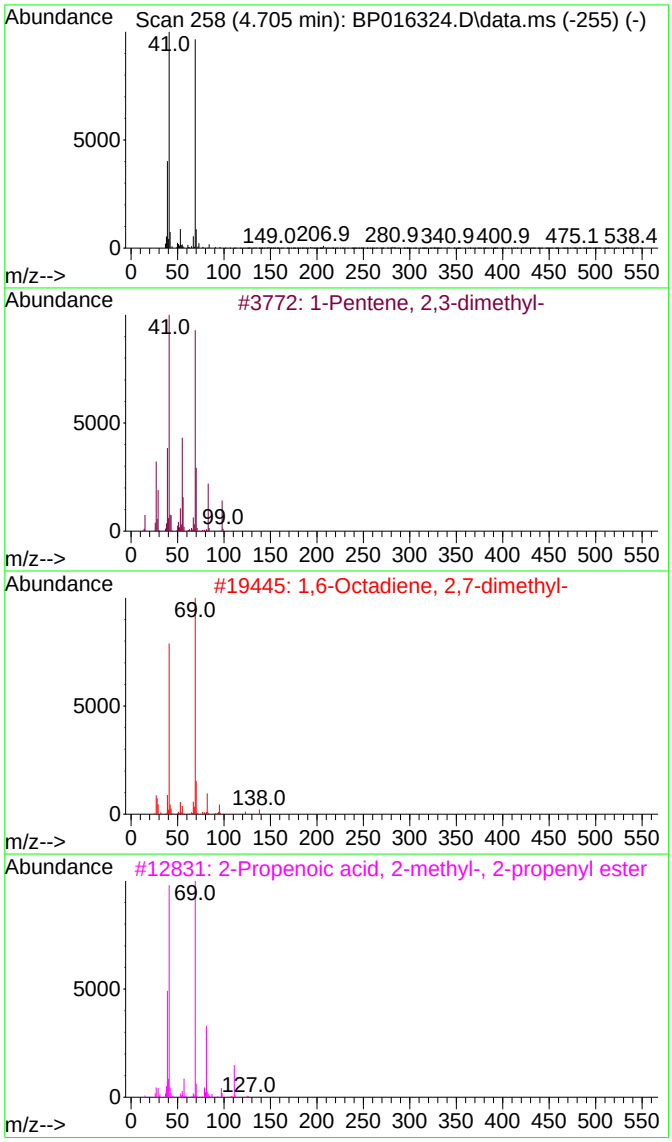
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

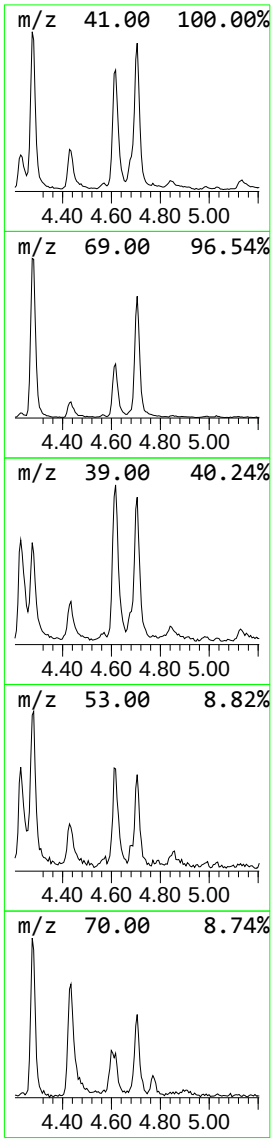
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.705	13.49 ng/ul	370846	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	64
2	1,6-Octadiene, 2,7-dimethyl-	138	C10H18	040195-09-3	47
3	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	43
4	2-Propenamide, N-(2-hydroxyethyl...	129	C6H11NO2	005238-56-2	43
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

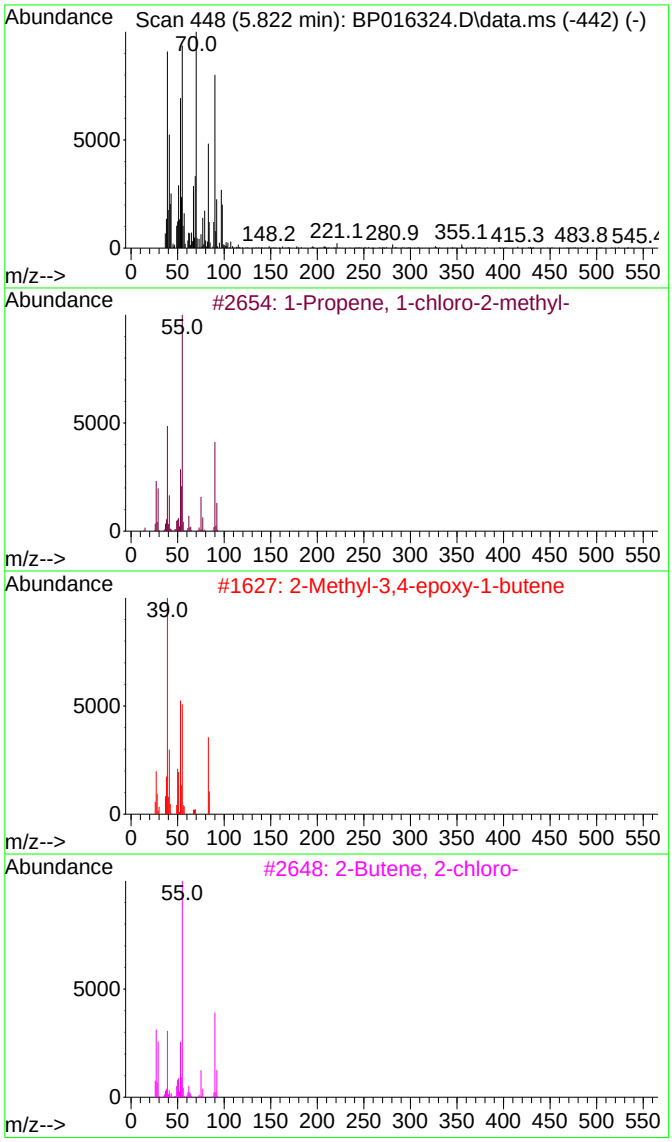
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

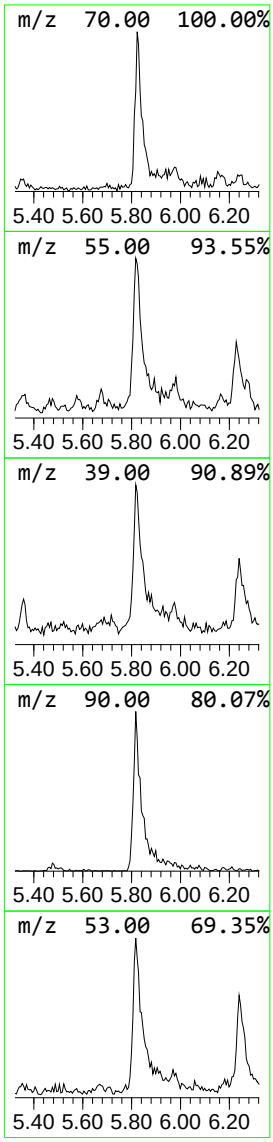
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Propene, 1-chloro-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.822	4.31 ng/ul	118441	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	72
2	2-Methyl-3,4-epoxy-1-butene	84	C5H8O	1000432-31-7	64
3	2-Butene, 2-chloro-	90	C4H7Cl	004461-41-0	43
4	2-Butene, 2-chloro-	90	C4H7Cl	004461-41-0	43
5	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

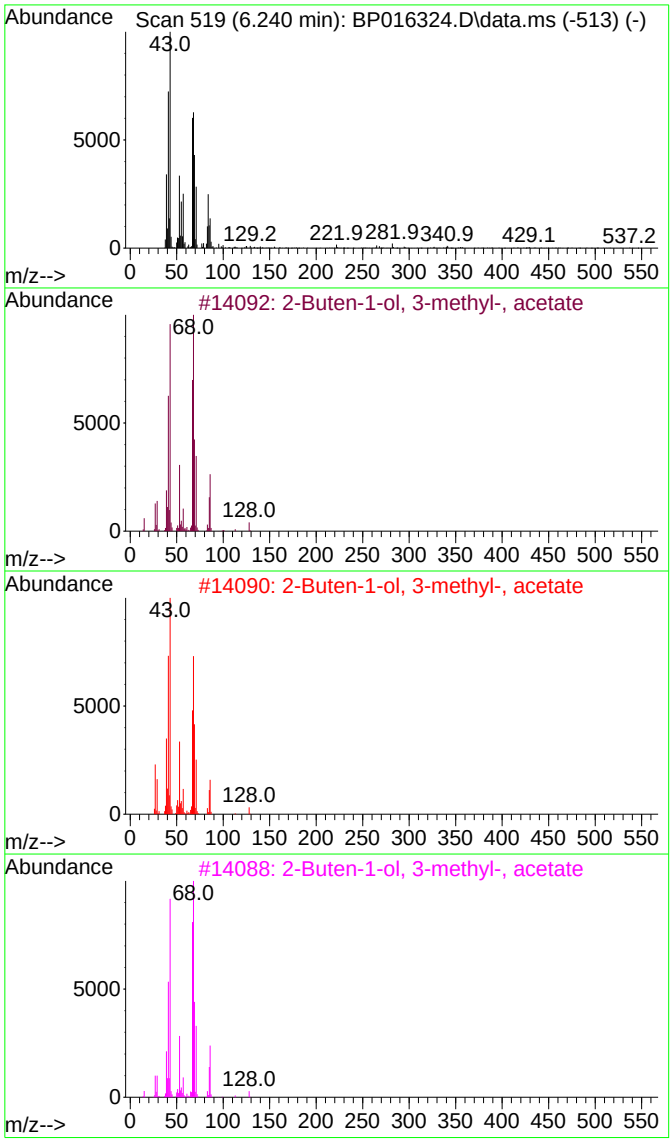
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

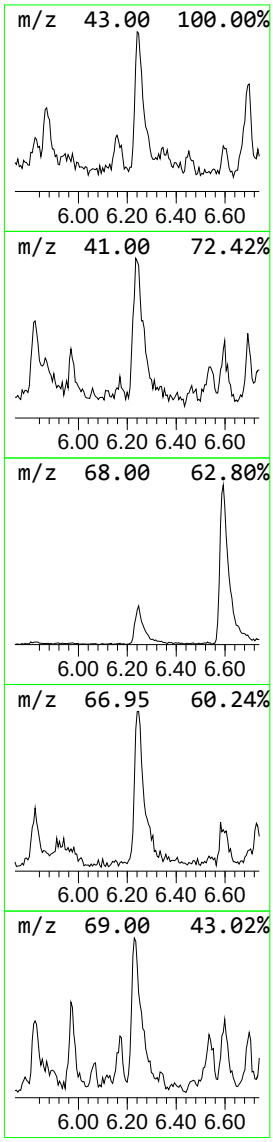
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Buten-1-ol, 3-methyl-, ac... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.240	5.31 ng/ul	145941	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	64
2	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	64
3	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	64
4	1,3-Pentadiene	68	C5H8	000504-60-9	47
5	4-Penten-1-ol, trifluoroacetate	182	C7H9F3O2	1000365-57-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

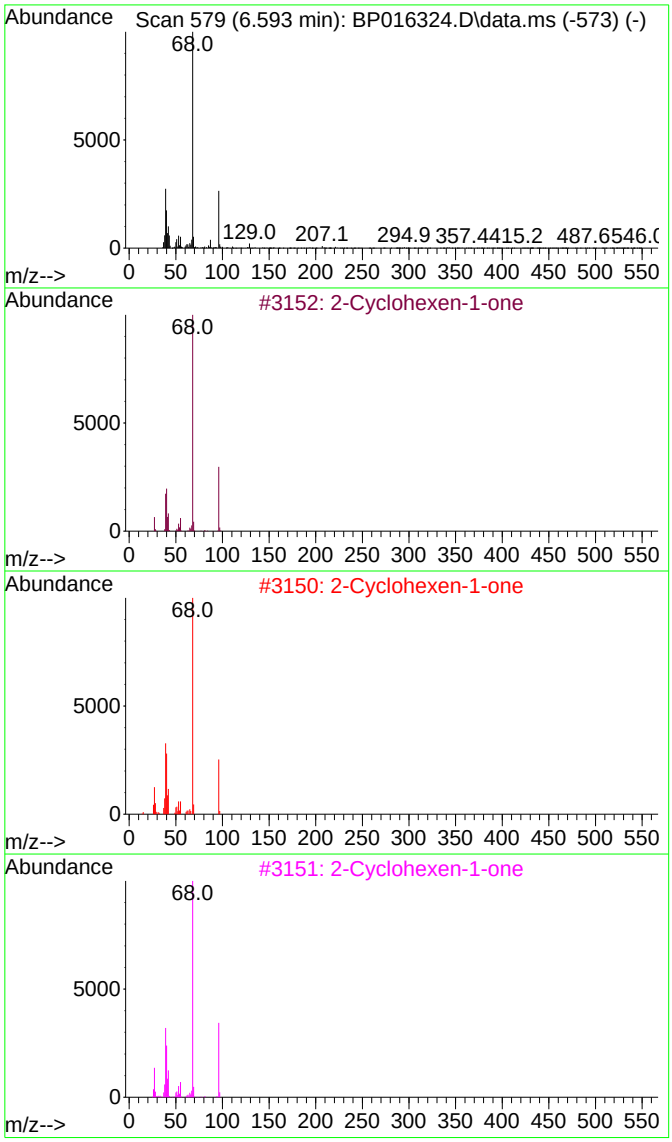
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

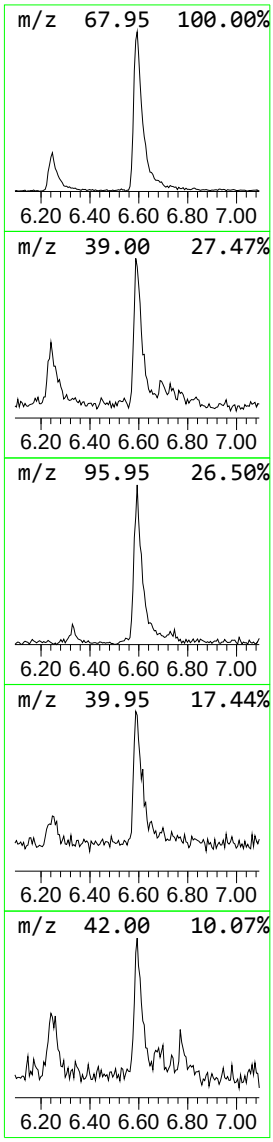
****

Peak Number 13 2-Cyclohexen-1-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.593	5.11 ng/ul	140414	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	87
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	87
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	87
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	83
5	2H-Pyran-2-one, 5,6-dihydro-	98	C5H6O2	003393-45-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

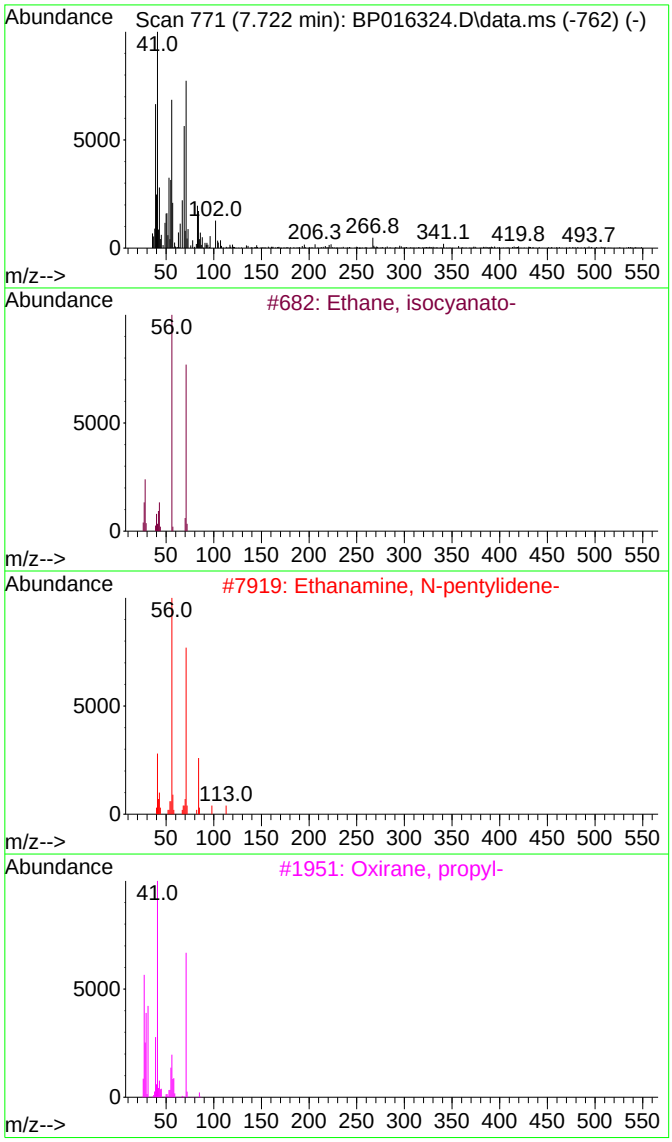
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

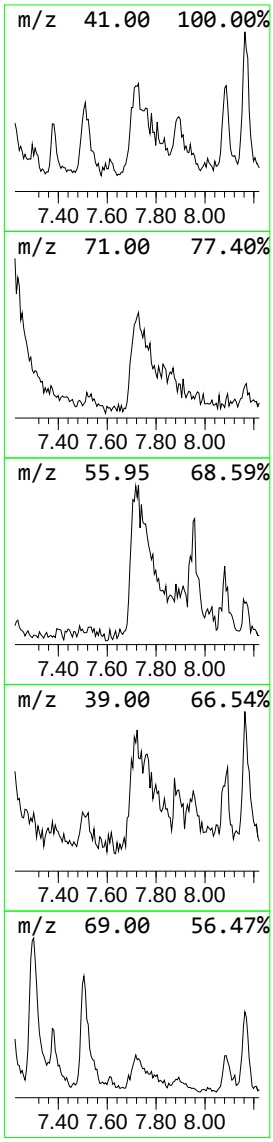
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Ethane, isocyanato- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	2.34 ng/ul	64356	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, isocyanato-	71	C3H5NO	000109-90-0	64
2	Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	64
3	Oxirane, propyl-	86	C5H10O	001003-14-1	50
4	3-Penten-2-ol	86	C5H10O	001569-50-2	46
5	Tetrahydrofurfuryl propionate	158	C8H14O3	000637-65-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

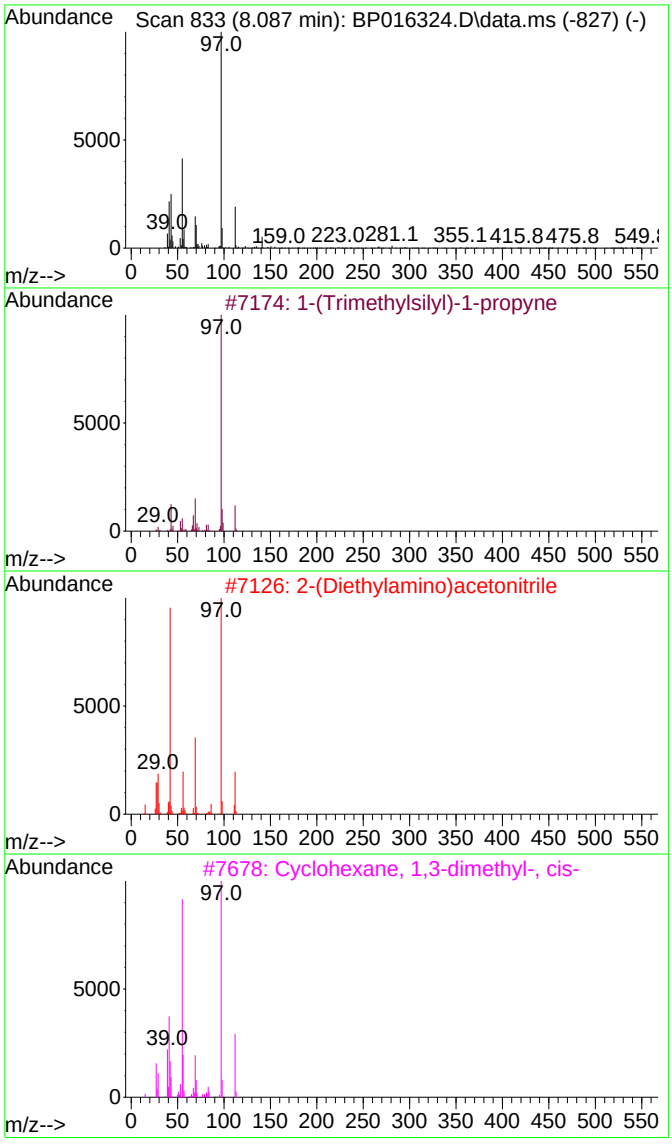
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

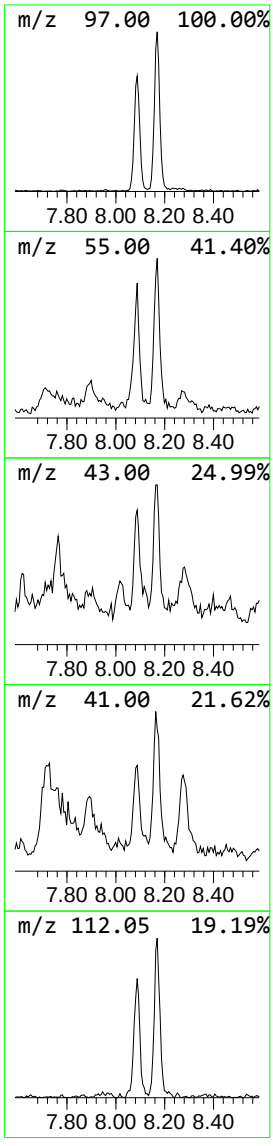
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1-(Trimethylsilyl)-1-propyne Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.087	2.99 ng/ul	82259	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	72
2	2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	64
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	56
5	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

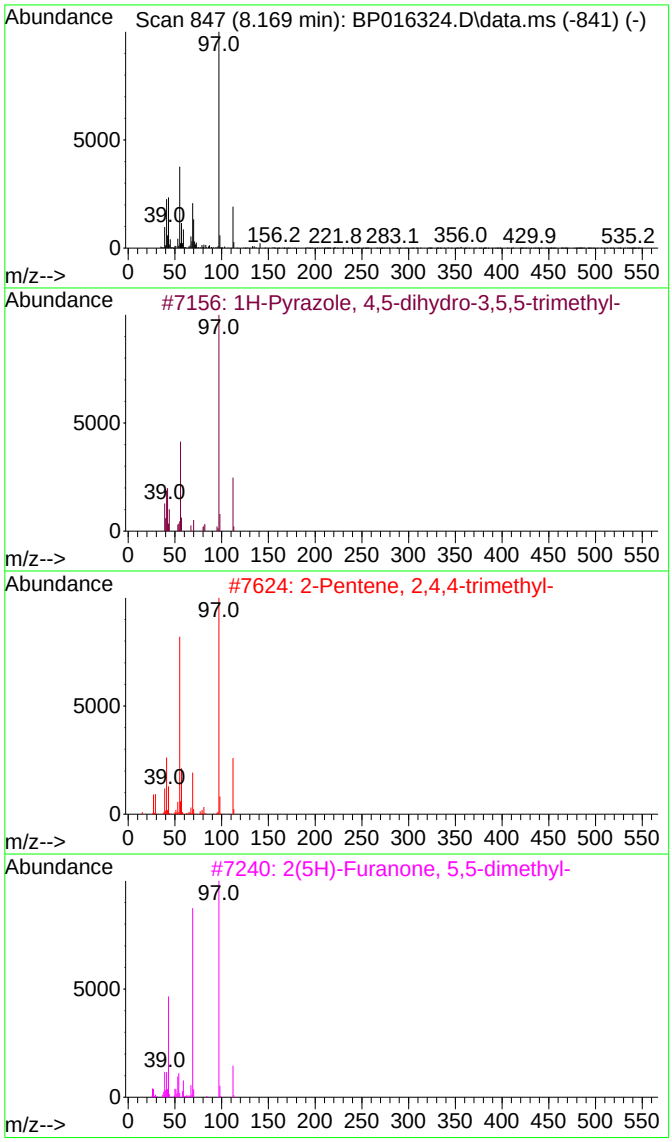
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

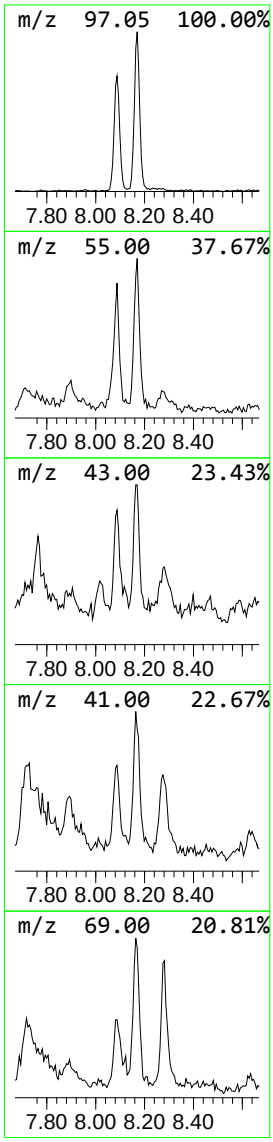
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Pyrazole, 4,5-dihydro-3,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.169	4.72 ng/ul	129608	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	72
2	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64
3	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	59
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	50
5	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

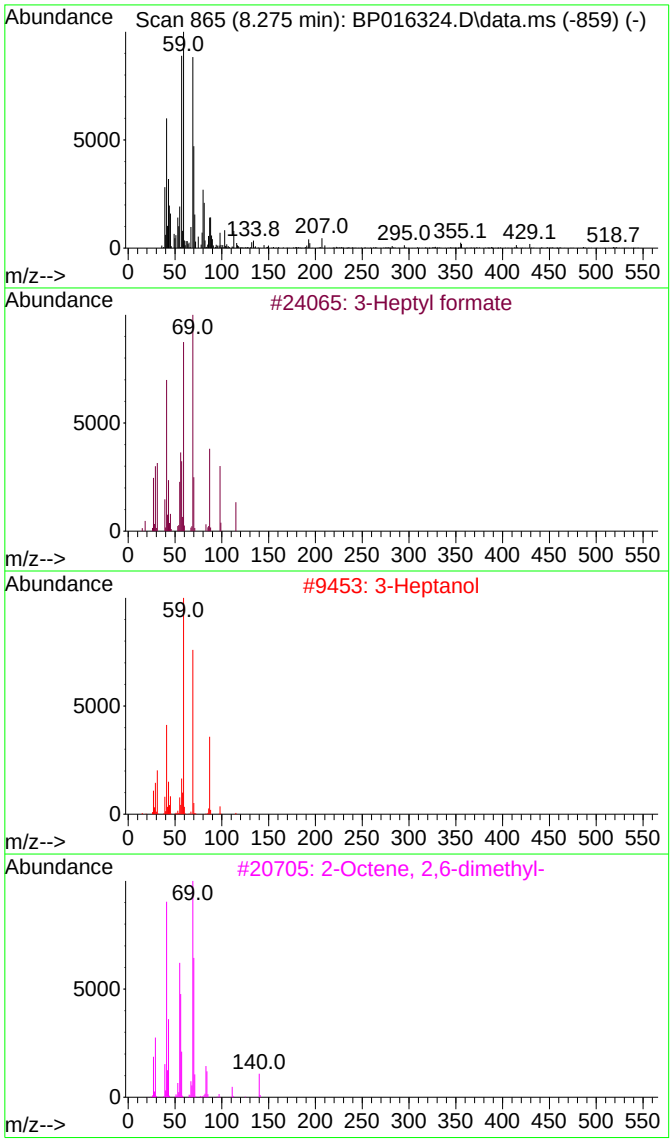
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

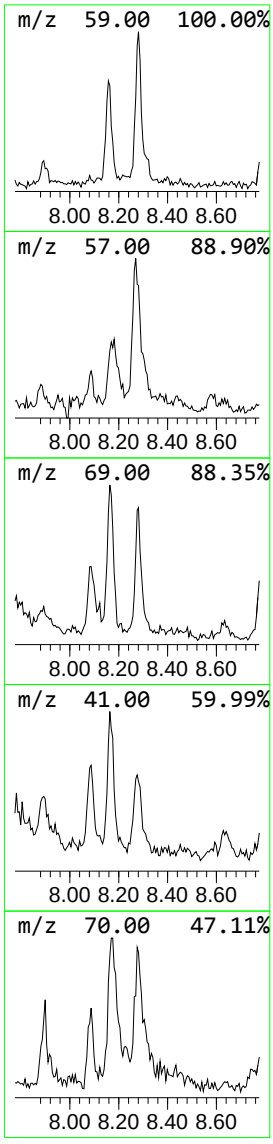
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Heptyl formate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	3.25 ng/ul	89403	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptyl formate	144	C8H16O2	1000368-76-5	59
2	3-Heptanol	116	C7H16O	000589-82-2	50
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
4	3-Methyl-3-(3-hydroxy-3-methylbu...	190	C10H22O3	1000432-16-8	32
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

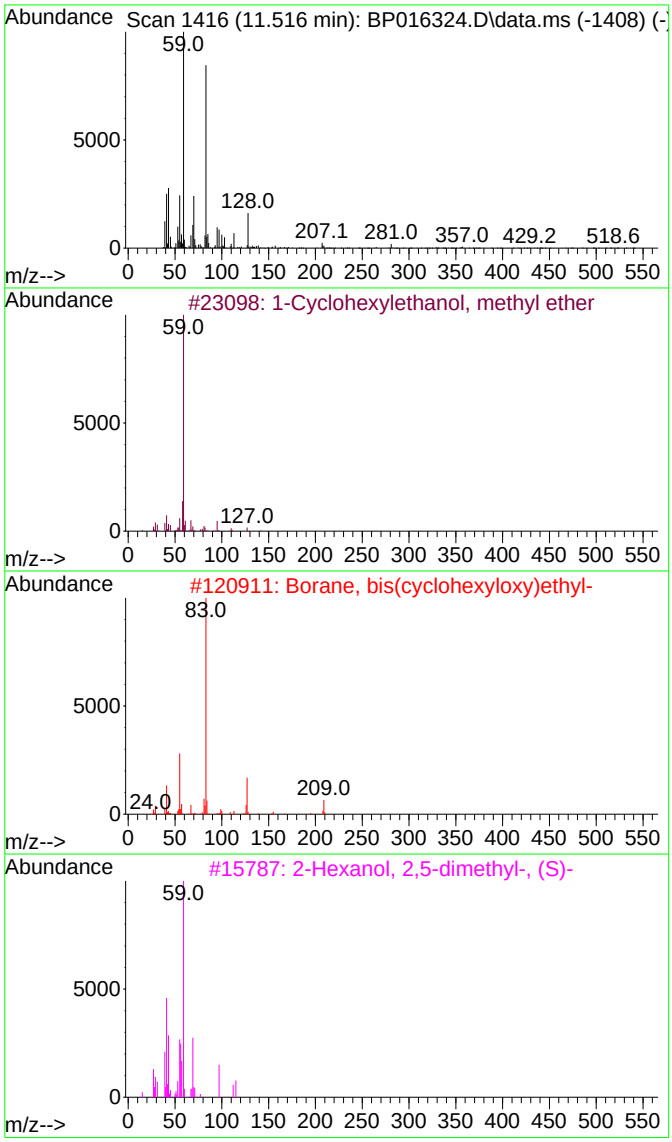
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

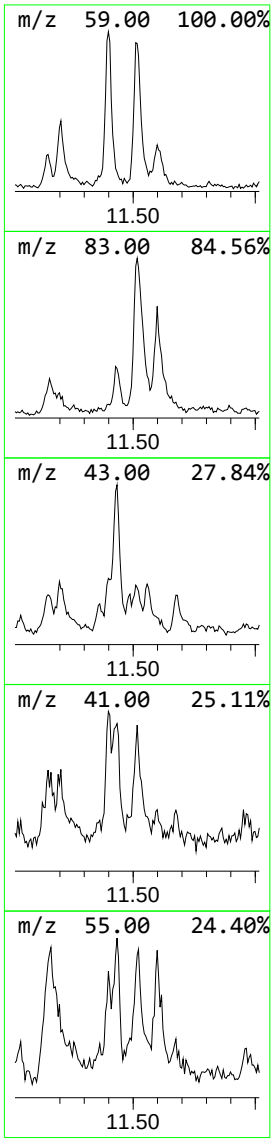
****

Peak Number 18 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.516	2.49 ng/ul	111554	Naphthalene-d8	10.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	27
2	Borane, bis(cyclohexyloxy)ethyl-	238	C14H27BO2	1010152-32-8	27
3	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	27
4	Oxetane, 2,2,3-trimethyl-	100	C6H12O	023120-43-6	25
5	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1010309-30-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

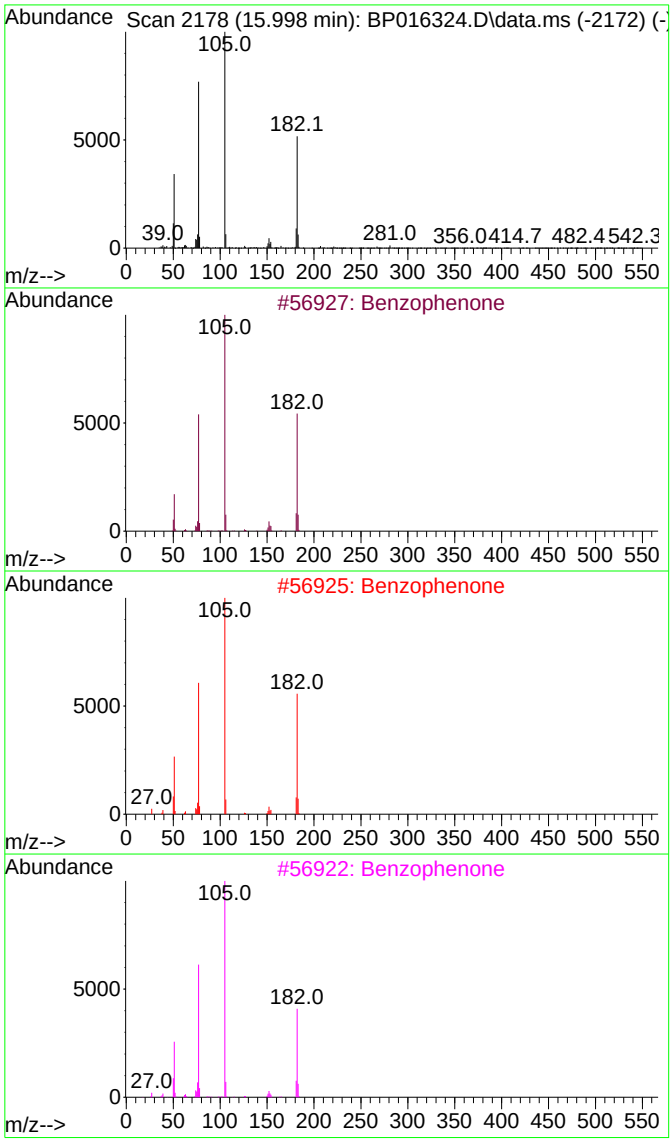
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

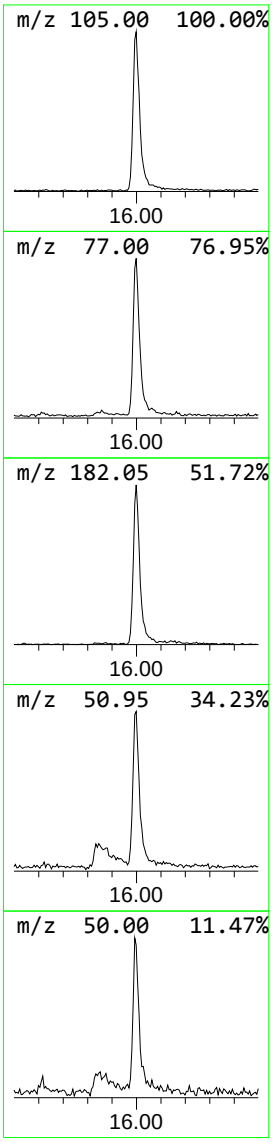
****

Peak Number 19 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	2.36 ng/ul	208835	Phenanthrene-d10	17.375

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	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

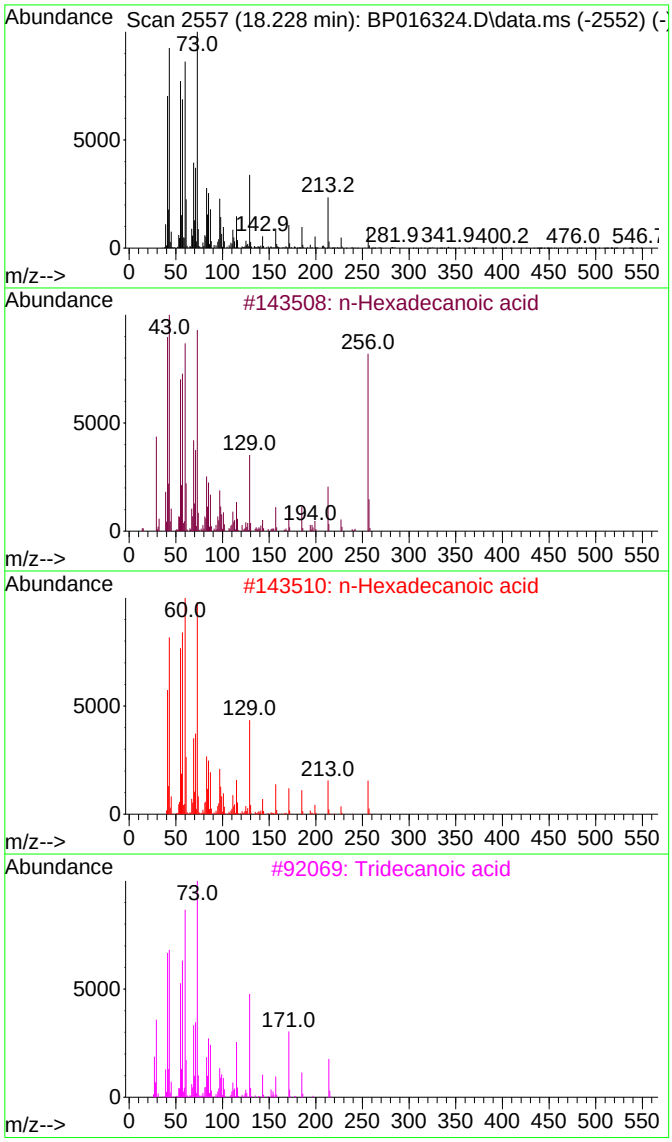
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

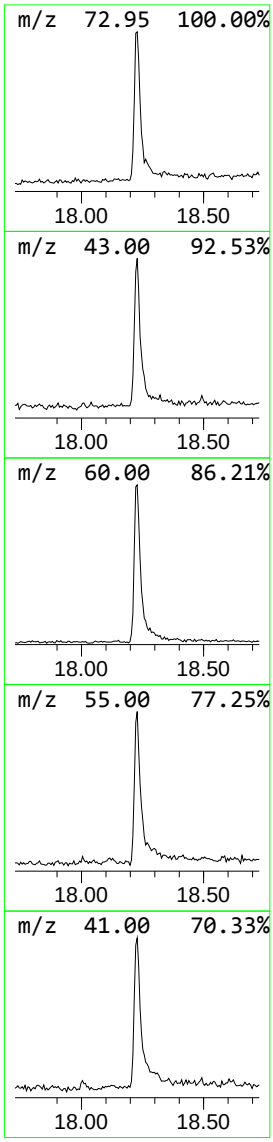
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	4.60 ng/ul	407658	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

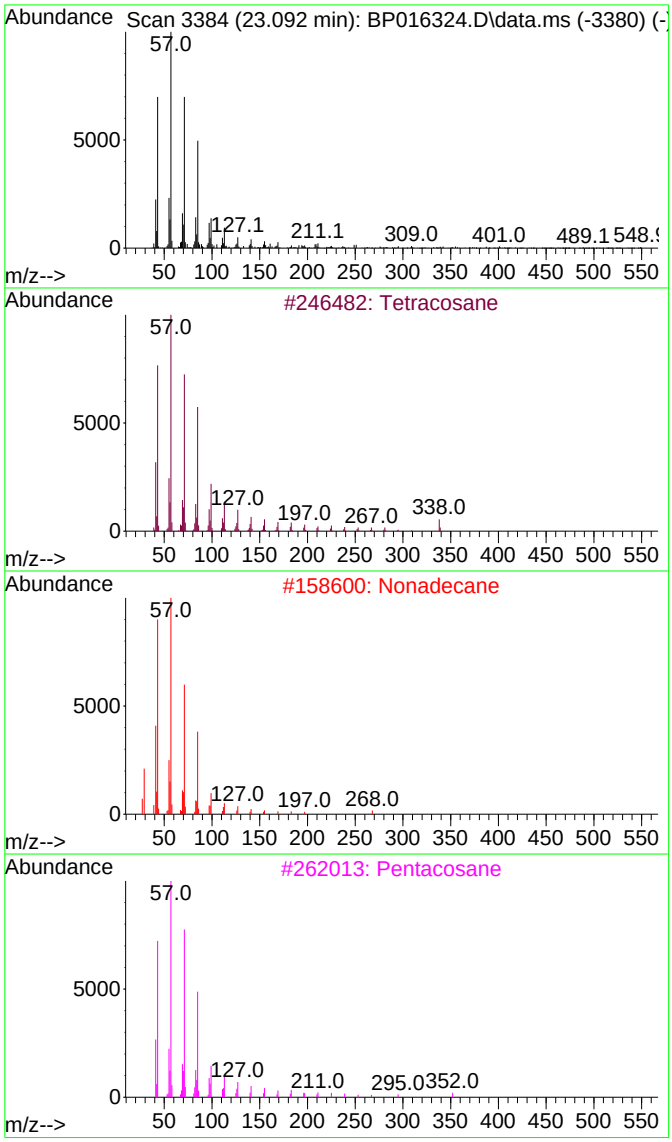
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

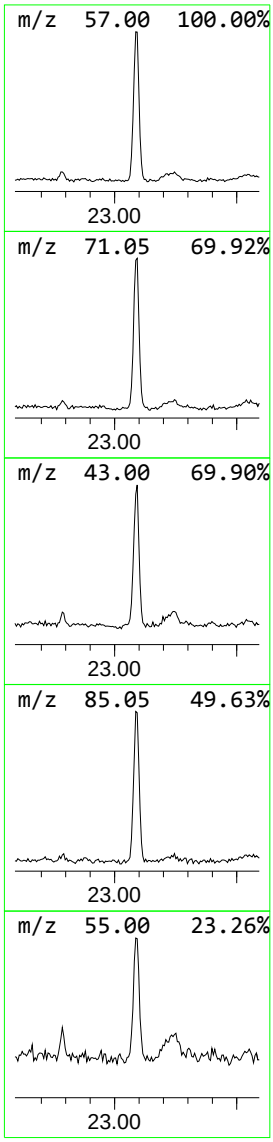
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.092	3.56 ng/ul	368525	Perylene-d12	23.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Pentacosane	352	C25H52	000629-99-2	93
4	Tetracosane	338	C24H50	000646-31-1	93
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016324.D
Acq On : 19 Jul 2023 14:47
Operator : MA/JU
Sample : 03501-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.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
2H-Pyran, 2,2'-...	3.770	8.5	ng/ul	233516	1	7.952	549754	20.0
2H-Pyran, tetra...	3.823	8.4	ng/ul	231440	1	7.952	549754	20.0
unknown-01	3.870	2.1	ng/ul	59067	1	7.952	549754	20.0
Prenol	4.046	17.3	ng/ul	476466	1	7.952	549754	20.0
2-Butenal, 3-me...	4.228	7.4	ng/ul	202887	1	7.952	549754	20.0
unknown-02	4.276	17.3	ng/ul	475893	1	7.952	549754	20.0
3-Hexen-1-ol, (E)-	4.434	4.5	ng/ul	123714	1	7.952	549754	20.0
2-Pentanol, 4-m...	4.617	31.0	ng/ul	851178	1	7.952	549754	20.0
unknown-03	4.681	8.5	ng/ul	233613	1	7.952	549754	20.0
(DEL) Alkane: S...	4.705	13.5	ng/ul	370846	1	7.952	549754	20.0
1-Propene, 1-ch...	5.822	4.3	ng/ul	118441	1	7.952	549754	20.0
2-Buten-1-ol, 3...	6.240	5.3	ng/ul	145941	1	7.952	549754	20.0
2-Cyclohexen-1-one	6.593	5.1	ng/ul	140414	1	7.952	549754	20.0
Ethane, isocyan...	7.722	2.3	ng/ul	64356	1	7.952	549754	20.0
1-(Trimethylsil...	8.087	3.0	ng/ul	82259	1	7.952	549754	20.0
1H-Pyrazole, 4,...	8.169	4.7	ng/ul	129608	1	7.952	549754	20.0
3-Heptyl formate	8.275	3.3	ng/ul	89403	1	7.952	549754	20.0
unknown-04	11.516	2.5	ng/ul	111554	2	10.775	896551	20.0
Benzophenone	15.998	2.4	ng/ul	208835	4	17.375	1771040	20.0
n-Hexadecanoic ...	18.228	4.6	ng/ul	407658	4	17.375	1771040	20.0
(DEL) Alkane: S...	23.092	3.6	ng/ul	368525	6	23.957	2067620	20.0