LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

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-BP072523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.858	91	97	109	rBV2	1143316	1885110	6.62%	0.892%
2	4.093	132	137	143	rVB2	121858	204076	0.72%	0.097%
3	4.176	144	151	161	rBV2	1146579	1890502	6.64%	0.894%
4	4.370	180	184	187	rBV	456715	577085	2.03%	0.273%
5	4.411	187	191	196	rVB	633241	801490	2.81%	0.379%
6	4.576	215	219	226	rVV	534278	712608	2.50%	0.337%
7	4.723	240	244	249	rBV3	170594	354064	1.24%	0.167%
8	4.776	249	253	258	rVV	1053663	1522892	5.35%	0.720%
9	4.828	258	262	268	rVB	347864	464135	1.63%	0.220%
10	5.511	370	378	381	rBV	109574	171397	0.60%	0.081%
11	5.817	425	430	439	rVB2	116486	204687	0.72%	0.097%
12	5.964	448	455	459	rBV3	513120	867192	3.05%	0.410%
13	6.011	459	463	473	rVV	502511	804361	2.83%	0.380%
14	6.128	473	483	492	rVB6	96970	291502	1.02%	0.138%
15	6.305	506	513	517	rBV2	70757	151531	0.53%	0.072%
16	6.364	517	523	529	rVV2	702182	1042739	3.66%	0.493%
17	6.487	538	544	551	rBV2	181366	295092	1.04%	0.140%
18	6.658	568	573	577	rVV3	69805	162723	0.57%	0.077%
19	6.728	579	585	596	rVB	578236	998359	3.51%	0.472%
20	6.834	596	603	605	rBV	219737	325937	1.14%	0.154%
21	6.864	605	608	612	rVV	321553	530327	1.86%	0.251%
22	6.905	612	615	620	rVV	170227	267006	0.94%	0.126%
23	6.970	620	626	630	rVV3	85829	156278	0.55%	0.074%
24	7.105	642	649	655	rBV2	93604	154174	0.54%	0.073%
25	7.222	662	669	677	rBV2	1013296	1991535	6.99%	0.942%
26	7.287	677	680	686	rVB	336580	507650	1.78%	0.240%
27	7.428	697	704	713	rVB	2326644	3705915	13.02%	1.753%
28	7.611	724	735	751	rVB	2064475	3477537	12.21%	1.645%
29	7.734	751	756	759	rBV	99480	160174	0.56%	0.076%
30	7.775	759	763	773	rVV2	502979	826911	2.90%	0.391%
31	8.093	810	817	821	rBV	2965044	5055235	17.75%	2.391%
32	8.240	836	842	847	rBV	330909	569038	2.00%	0.269%
33	8.287	847	850	852	rVV2	126516	191193	0.67%	0.090%
34	8.322	852	856	862	rVB	442559	696967	2.45%	0.330%
35	8.434	862	875	886	rVB2	373476	924999	3.25%	0.438%
36	8.622	896	907	916	rVB10	53331	164508	0.58%	0.078%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

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-BP072523.MA.M
Title : SVOA CALIBRATION

37	8.787	928	935	943	rVB	2116039	3515193	12.35%	1.663%
38	8.934	949	960	966	rBV4	222727	494055	1.74%	0.234%
39	9.016	969	974	980	rVB4	90393	153482	0.54%	0.073%
40	9.087	980	986	993	rVB6	67540	186951	0.66%	0.088%
41	9.158	993	998	1003	rBV	129014	211977	0.74%	0.100%
42	9.287	1013	1020	1026	rVV	2674297	4479797	15.73%	2.119%
43	9.352	1026	1031	1036	rVV3	478550	874214	3.07%	0.413%
44	9.440	1042	1046	1053	rVV3	173747	343424	1.21%	0.162%
45	9.522	1054	1060	1069	rVB2	393510	708397	2.49%	0.335%
46	9.605	1069	1074	1078	rBV	114117	201849	0.71%	0.095%
47	9.652	1078	1082	1086	rVV	189976	289983	1.02%	0.137%
48	9.846	1111	1115	1123	rVB6	86646	186863	0.66%	0.088%
49	10.005	1135	1142	1154	rBV	1696983	2789195	9.80%	1.319%
50	10.205	1166	1176	1181	rBV3	151238	327942	1.15%	0.155%
51	10.346	1195	1200	1208	rVB6	79779	183761	0.65%	0.087%
52	10.528	1221	1231	1238	rBV	2777623	4836913	16.99%	2.288%
53	10.675	1250	1256	1263	rBV2	213564	397894	1.40%	0.188%
54	10.758	1263	1270	1277	rVV	343327	622967	2.19%	0.295%
55	10.928	1292	1299	1305	rBV	4278652	7162377	25.16%	3.388%
56	11.075	1314	1324	1331	rBV2	2391444	4436904	15.58%	2.099%
57	11.293	1354	1361	1366	rBV4	298792	822721	2.89%	0.389%
58	11.340	1366	1369	1375	rVB	281687	401811	1.41%	0.190%
59	11.510	1393	1398	1402	rVB3	93945	149357	0.52%	0.071%
60	11.587	1402	1411	1416	rBV4	474227	1242511	4.36%	0.588%
61	11.646	1416	1421	1425	rBV	389838	722491	2.54%	0.342%
62	11.722	1430	1434	1441	rVV2	321033	563124	1.98%	0.266%
63	11.828	1447	1452	1457	rVV	97035	186113	0.65%	0.088%
64	12.105	1492	1499	1503	rBV3	115383	253432	0.89%	0.120%
65	12.257	1518	1525	1529	rVB3	78306	176295	0.62%	0.083%
66	12.357	1531	1542	1546	rBV5	96838	279089	0.98%	0.132%
67	12.510	1562	1568	1572	rBV2	108208	228639	0.80%	0.108%
68	12.793	1609	1616	1623	rBV3	239551	441283	1.55%	0.209%
69	12.957	1638	1644	1653	rVB2	160159	321631	1.13%	0.152%
70	13.122	1667	1672	1675	rBV3	191493	305833	1.07%	0.145%
71	13.157	1675	1678	1695	rVB4	173871	355387	1.25%	0.168%
72	13.575	1743	1749	1757	rBV	661162	1135308	3.99%	0.537%
73	13.669	1757	1765	1776	rVV	761025	1164000	4.09%	0.551%
74	14.152	1838	1847	1853	rVB	5873983	8226003	28.89%	3.891%
75	14.434	1889	1895	1902	rVV	6508576	9917745	34.83%	4.691%
76	14.734	1939	1946	1955	rVB	6111690	9352794	32.85%	4.424%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCHA3

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-BP072523.MA.M
Title : SVOA CALIBRATION

77	14.957	1978	1984	1996	rVV3	466130	1327513	4.66%	0.628%
78	15.051	1996	2000	2004	rVV2	118652	201414	0.71%	0.095%
79	15.116	2007	2011	2016	rVV	81556	148970	0.52%	0.070%
80	15.475	2064	2072	2080	rVV	17752062	28472762	100.00%	13.467%
81	15.728	2109	2115	2122	rBV	8266702	12016279	42.20%	5.684%
82	15.840	2128	2134	2142	rVB	1247858	1650306	5.80%	0.781%
83	16.957	2319	2324	2332	rVV2	127549	268966	0.94%	0.127%
84	17.116	2346	2351	2358	rBV	257721	385129	1.35%	0.182%
85	17.498	2410	2416	2426	rVB	7424788	10496607	36.87%	4.965%
86	17.598	2426	2433	2442	rVV	7962707	11467585	40.28%	5.424%
87	18.134	2519	2524	2532	rBV4	170995	238325	0.84%	0.113%
88	18.951	2658	2663	2671	rBV	772468	959012	3.37%	0.454%
89	19.239	2707	2712	2721	rBV4	78045	158160	0.56%	0.075%
90	19.463	2746	2750	2756	rVV	154447	216750	0.76%	0.103%
91	19.822	2803	2811	2816	rBV	9873504	13269410	46.60%	6.276%
92	19.857	2816	2817	2822	rVB	356573	298905	1.05%	0.141%
93	20.798	2973	2977	2984	rBV4	92370	150731	0.53%	0.071%
94	21.004	3008	3012	3019	rVB	608074	676762	2.38%	0.320%
95	21.357	3068	3072	3078	rBV	105395	161444	0.57%	0.076%
96	21.463	3087	3090	3094	rBV	303311	329476	1.16%	0.156%
97	21.586	3105	3111	3118	rBV	6655040	8595193	30.19%	4.065%
98	21.716	3130	3133	3139	rVB2	123403	171694	0.60%	0.081%
99	24.016	3515	3524	3542	rVB2	4606555	10096052	35.46%	4.775%
100	24.186	3545	3553	3567	rVB	3604786	7904990	27.76%	3.739%

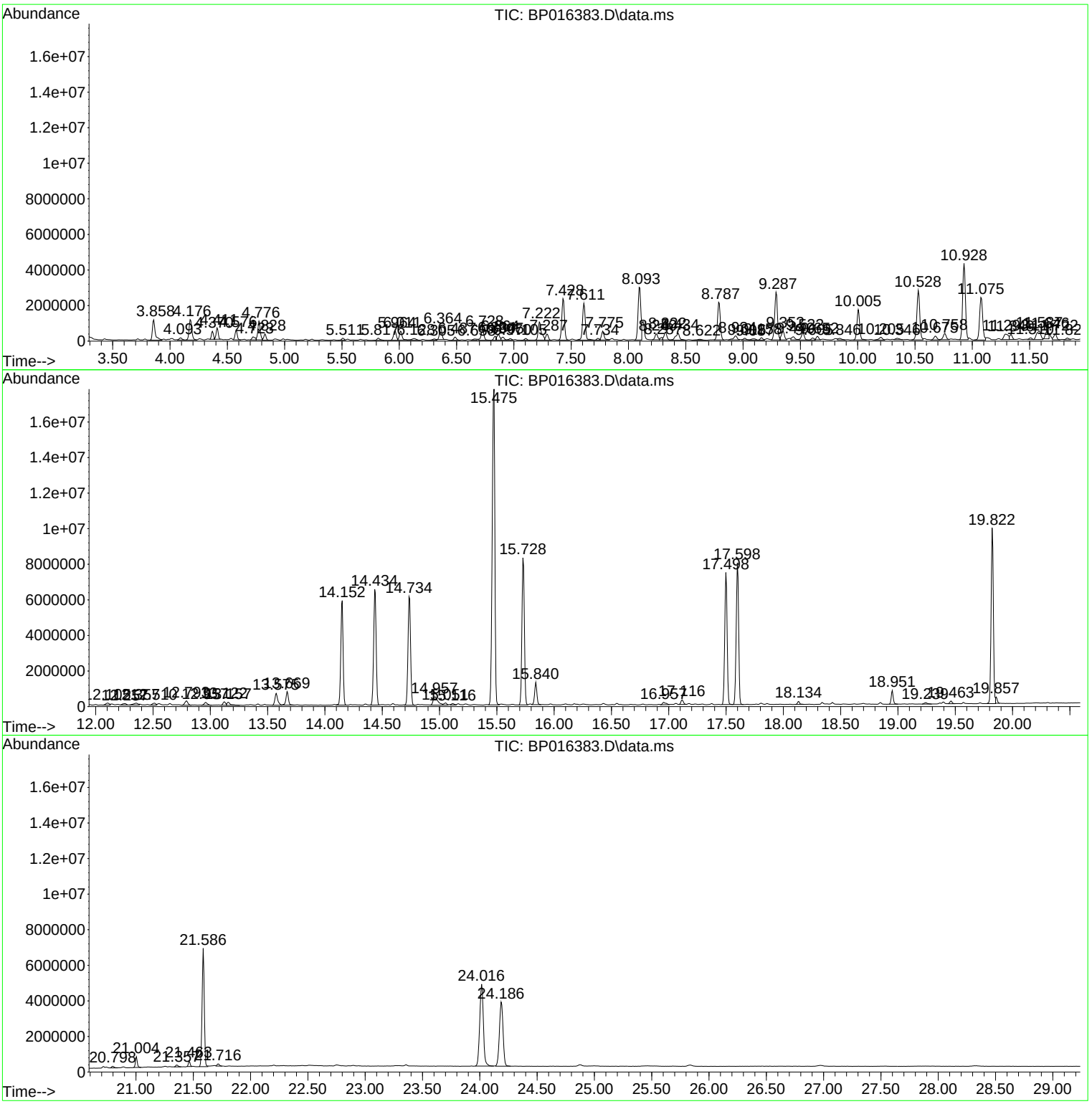
Sum of corrected areas: 211419069

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.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\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

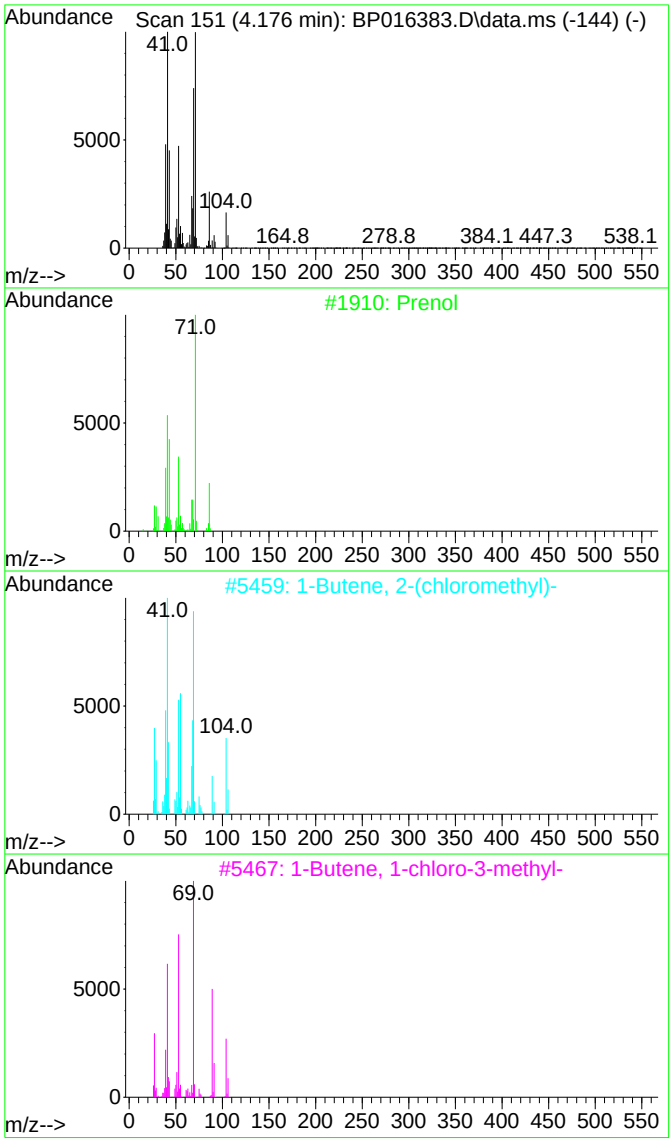
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

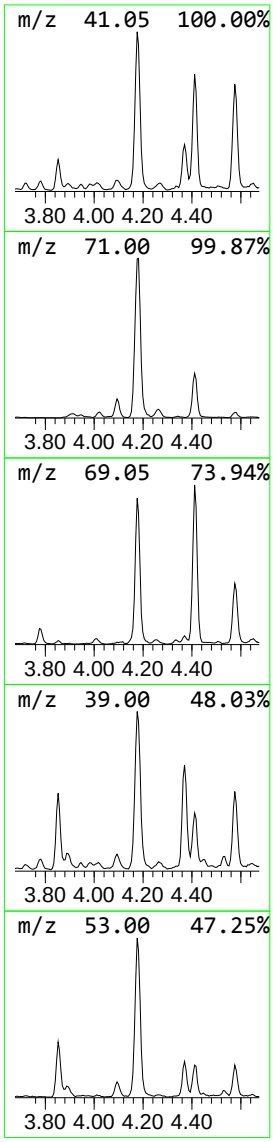
****

Peak Number 1 Prenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.176	7.48 ng/ul	1890500	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prenol	86	C5H10O	000556-82-1	64
2	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	59
3	1-Butene, 1-chloro-3-methyl-	104	C5H9Cl	023010-00-6	53
4	Prenol	86	C5H10O	000556-82-1	52
5	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

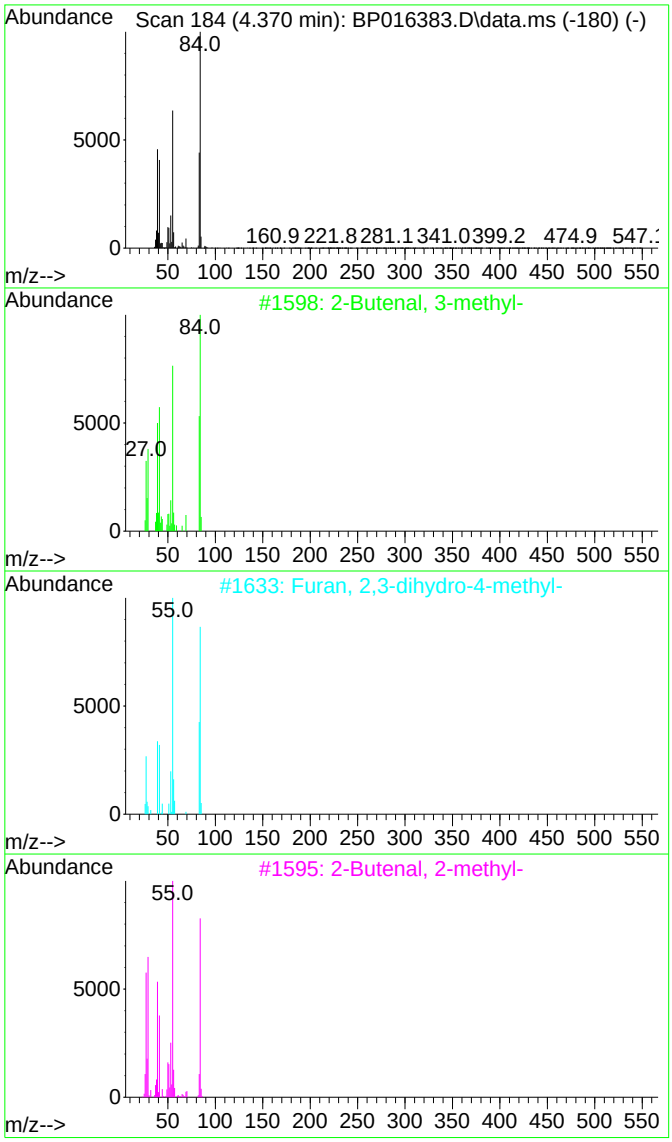
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

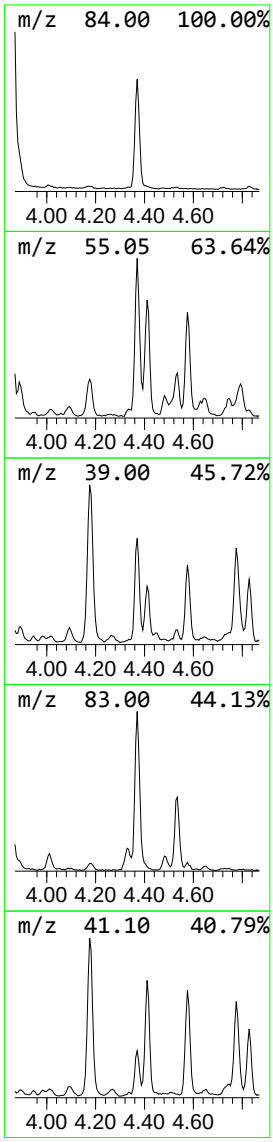
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butenal, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.370	2.28 ng/ul	577085	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	94
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	50
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	50
4	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	49
5	Cyclopentanone	84	C5H8O	000120-92-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

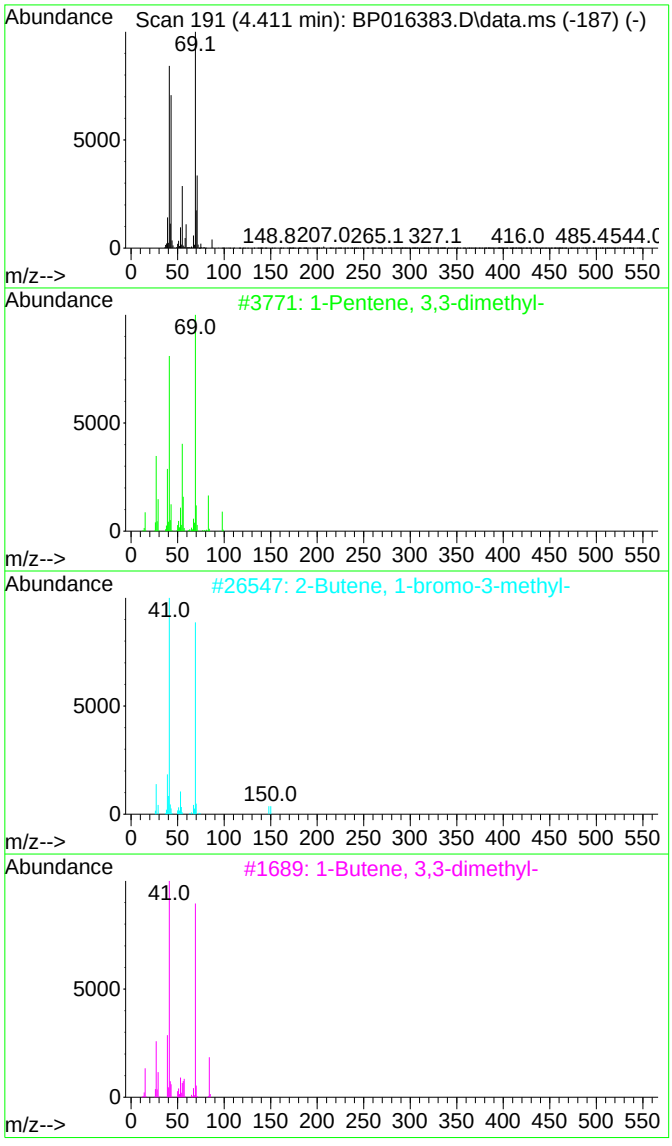
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

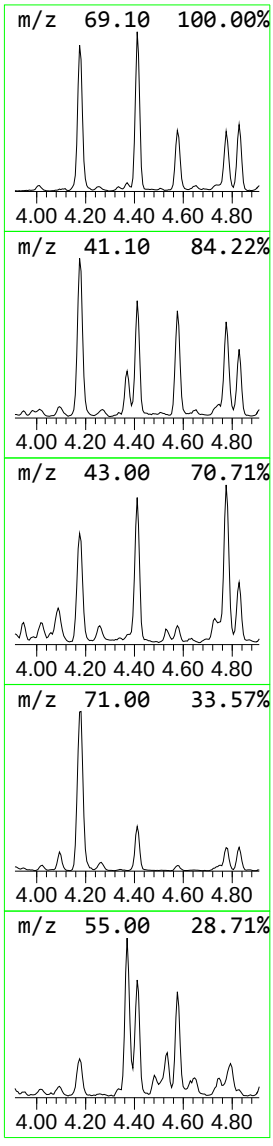
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.411	3.17 ng/ul	801490	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	59
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	42
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	38
4	2-Propenoic acid, 2-methyl-, pro...	128	C7H12O2	002210-28-8	36
5	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
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Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

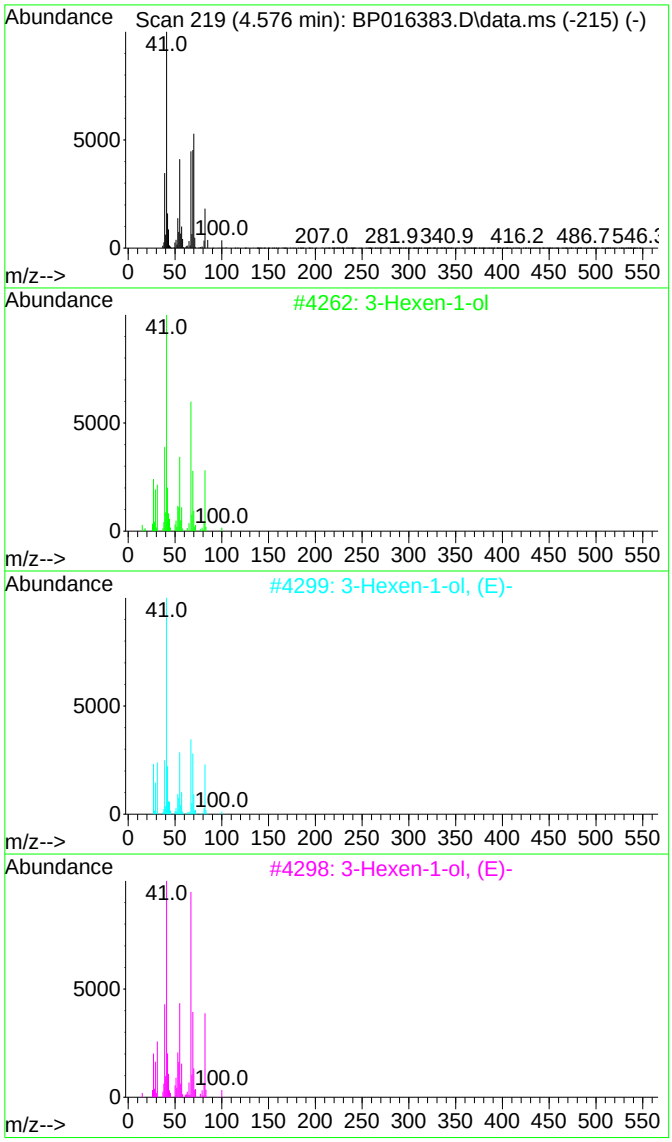
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

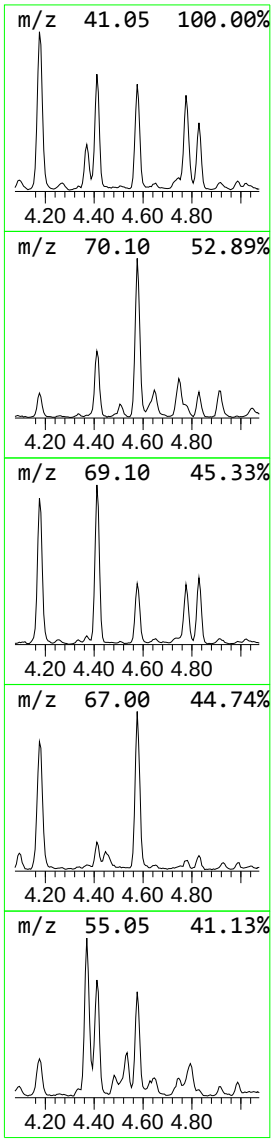
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Hexen-1-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.576	2.82 ng/ul	712608	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol	100	C6H12O	000544-12-7	50
2	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	50
3	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	47
4	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	47
5	3-Hexen-1-ol	100	C6H12O	000544-12-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

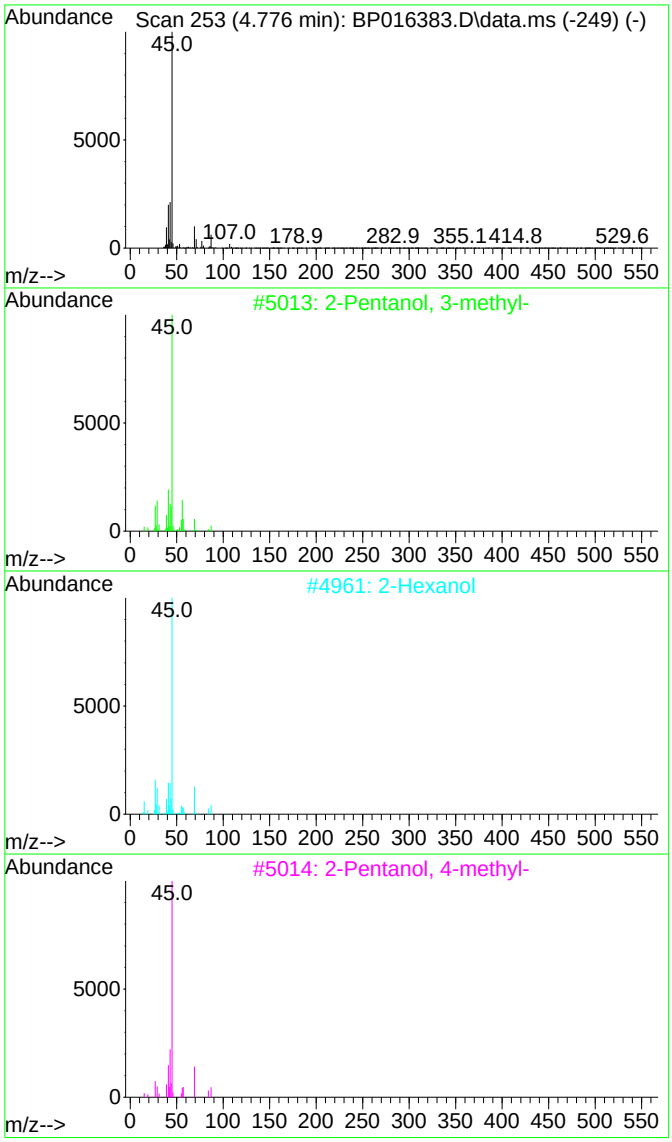
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

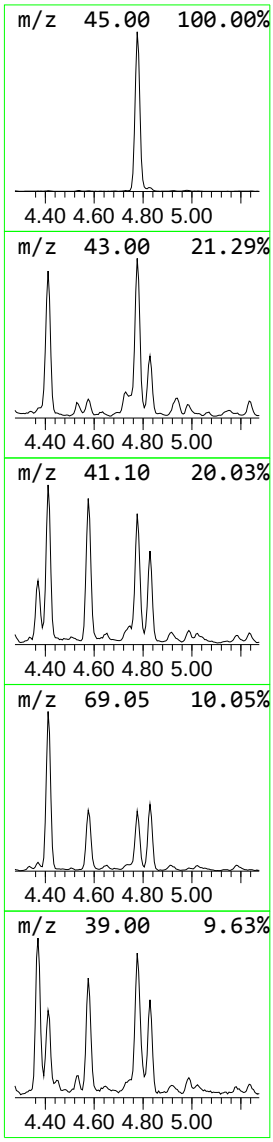
****

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.776	6.03 ng/ul	1522890	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40
2	2-Hexanol	102	C6H14O	000626-93-7	40
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	40
4	4-Penten-2-ol	86	C5H10O	000625-31-0	38
5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	38





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Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

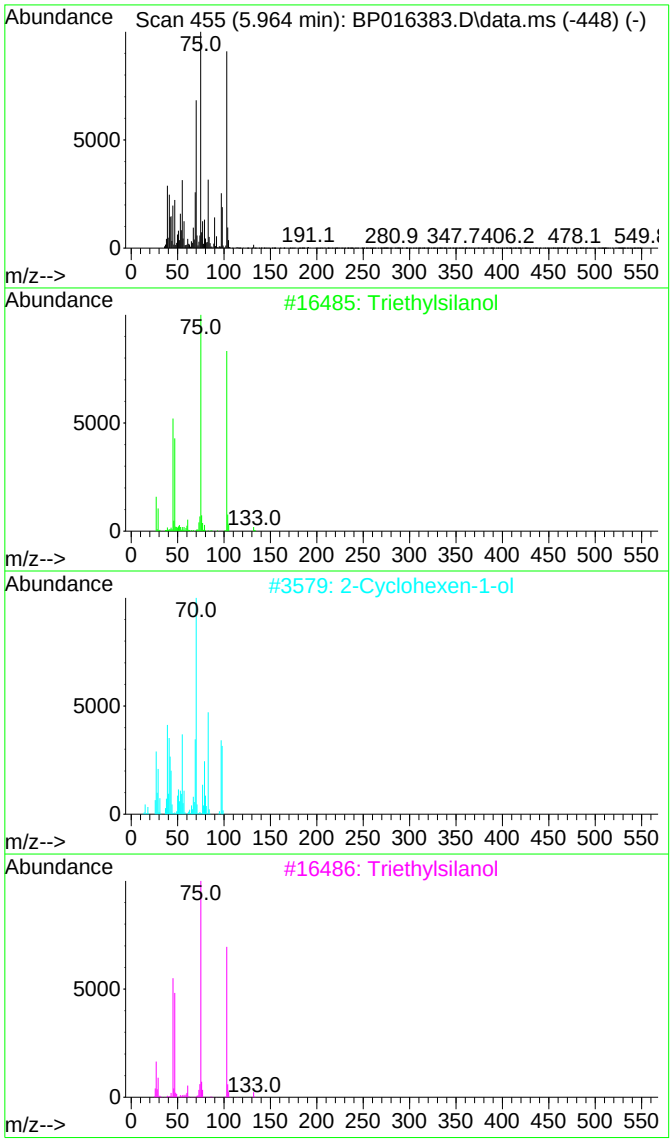
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

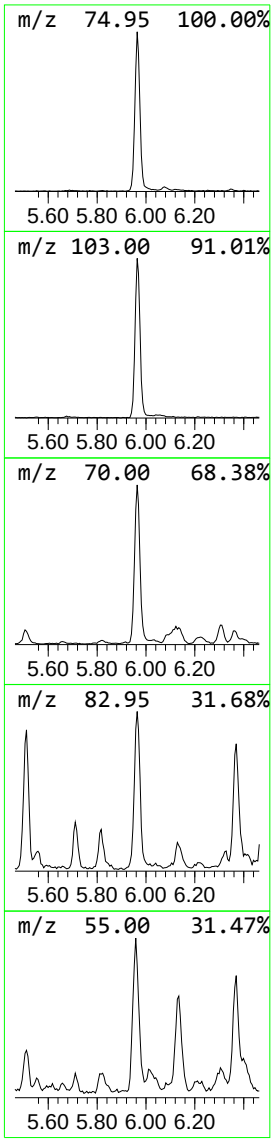
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Triethylsilanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.964	3.43 ng/ul	867192	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylsilanol	132	C6H16OSi	000597-52-4	64
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	60
3	Triethylsilanol	132	C6H16OSi	000597-52-4	50
4	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	50
5	Ethanol, 2-[(triethylsilyl)oxy]-	176	C8H20O2Si	139217-98-4	40





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Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

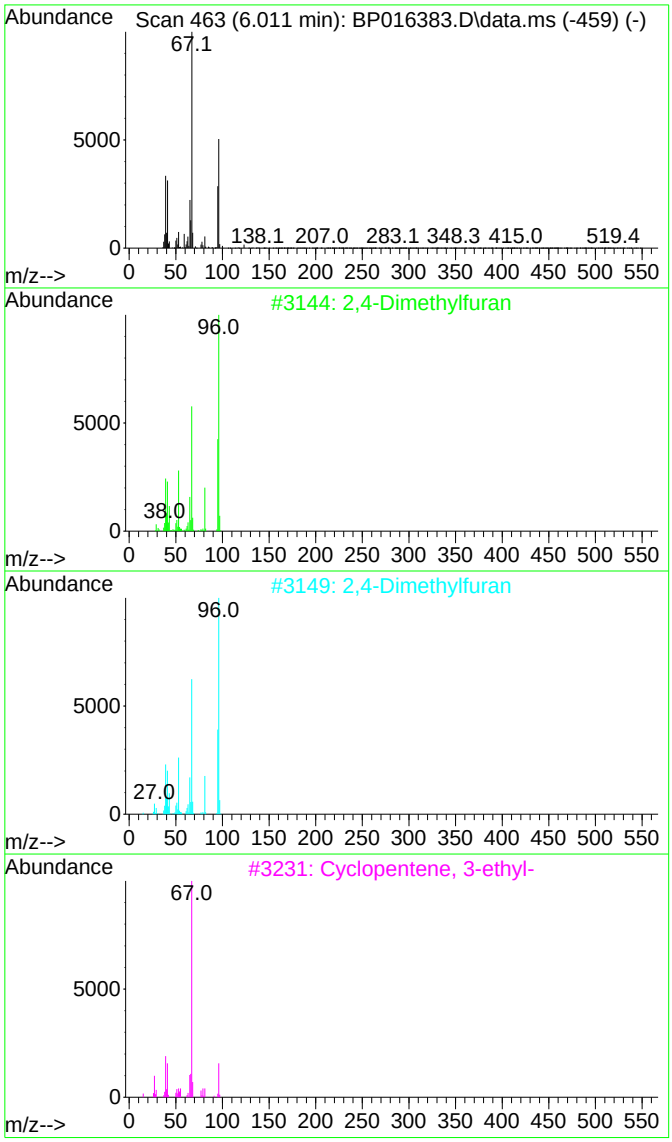
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

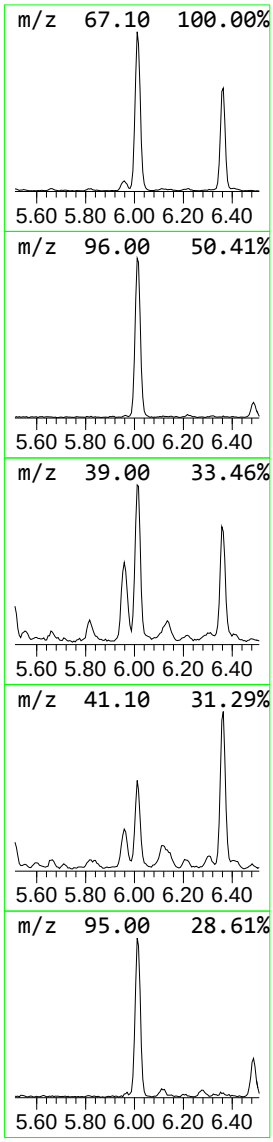
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4-Dimethylfuran Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.011	3.18 ng/ul	804361	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylfuran	96	C6H8O	003710-43-8	87
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	87
3	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	59
4	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	45
5	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	45





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Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

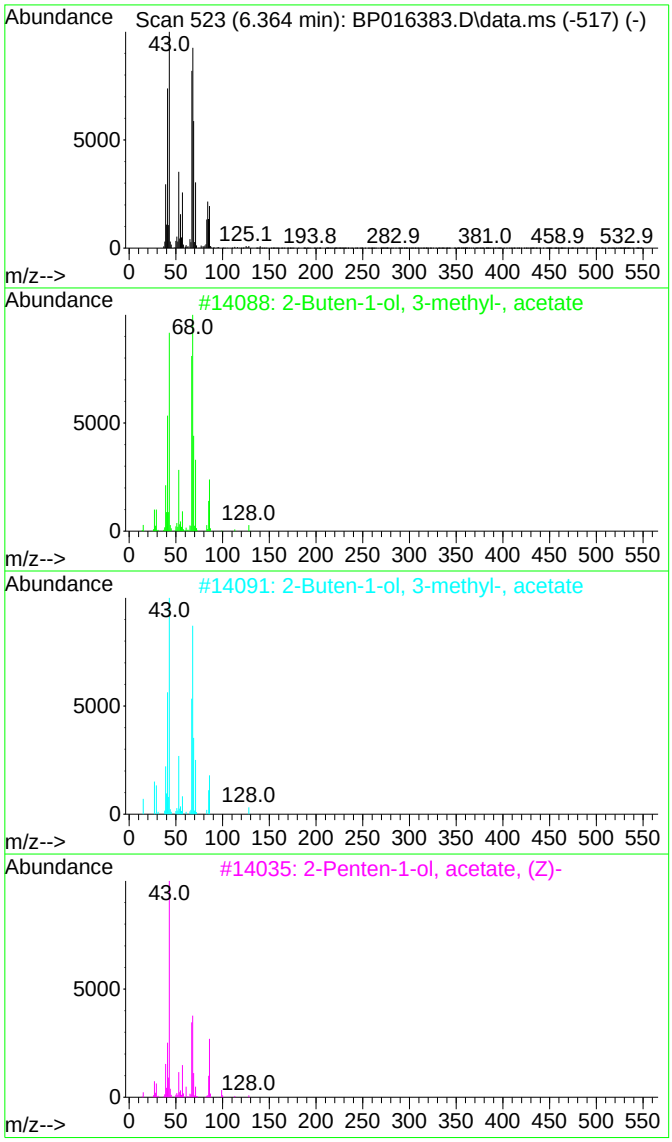
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

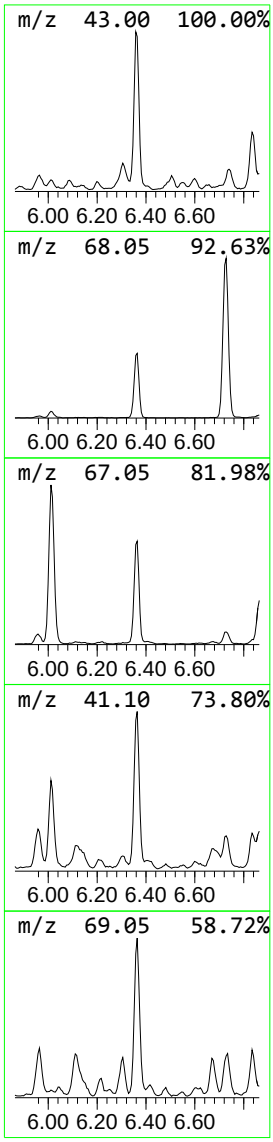
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Buten-1-ol, 3-methyl-, ac... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.364	4.13 ng/ul	1042740	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	72
2	2-Buten-1-ol, 3-methyl-, acetate	128	C7H12O2	001191-16-8	59
3	2-Penten-1-ol, acetate, (Z)-	128	C7H12O2	042125-10-0	50
4	2-Methylbut-2-en-1-yl acetate	128	C7H12O2	033425-30-8	50
5	1,4-Pentadiene	68	C5H8	000591-93-5	49





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Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

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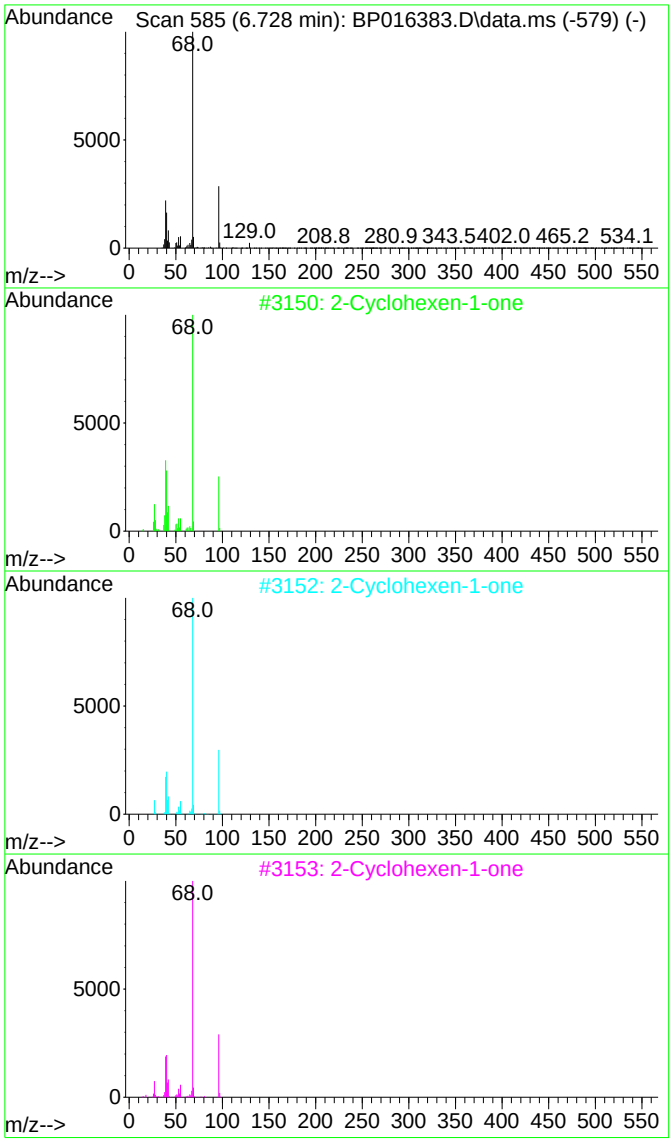
Quant Title : SVOA CALIBRATION

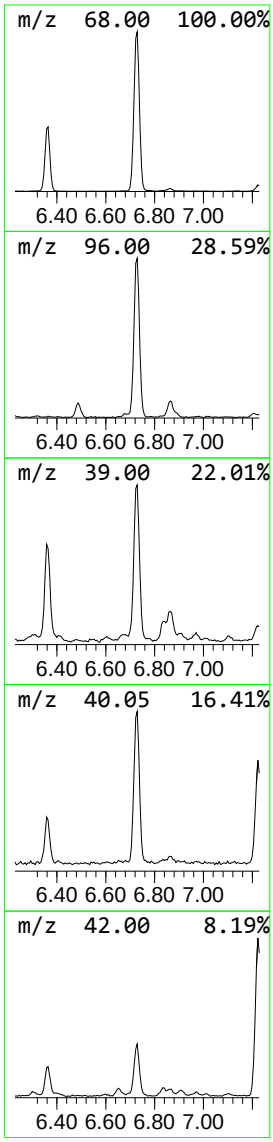
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Cyclohexen-1-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	3.95 ng/ul	998359	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	91
4	2H-Pyran-2-one, 5,6-dihydro-	98	C5H6O2	003393-45-1	58
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	58





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Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_P
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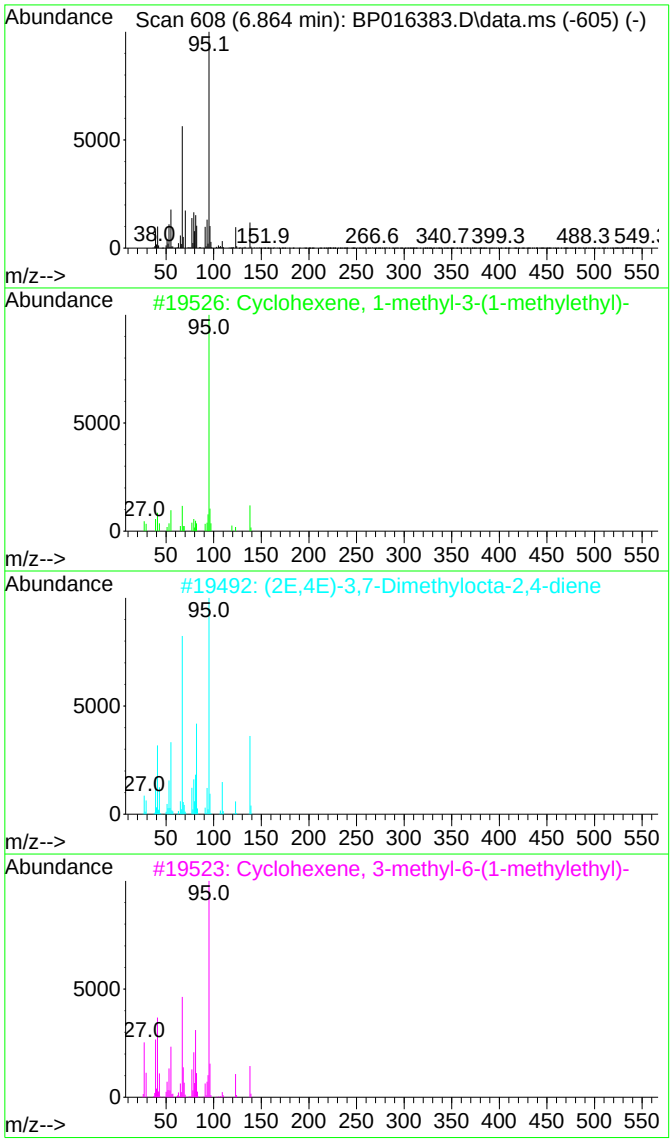
Quant Title : SVOA CALIBRATION

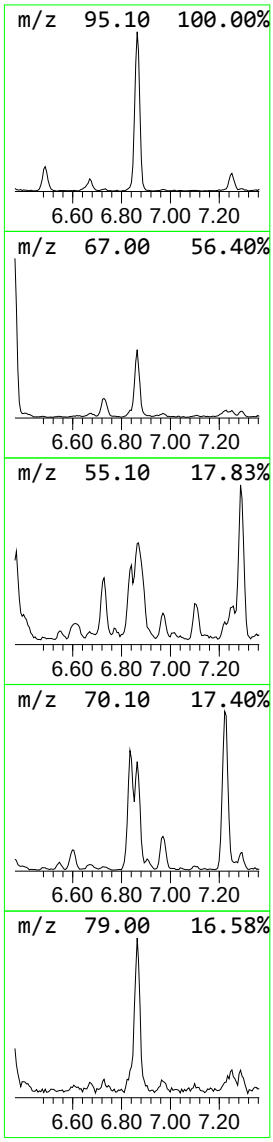
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexene, 1-methyl-3-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	2.10 ng/ul	530327	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	83
2	(2E,4E)-3,7-Dimethylocta-2,4-diene	138	C10H18	006874-39-1	83
3	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	74
4	(2E,4E)-3,7-Dimethylocta-2,4-diene	138	C10H18	006874-39-1	72
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	64





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Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

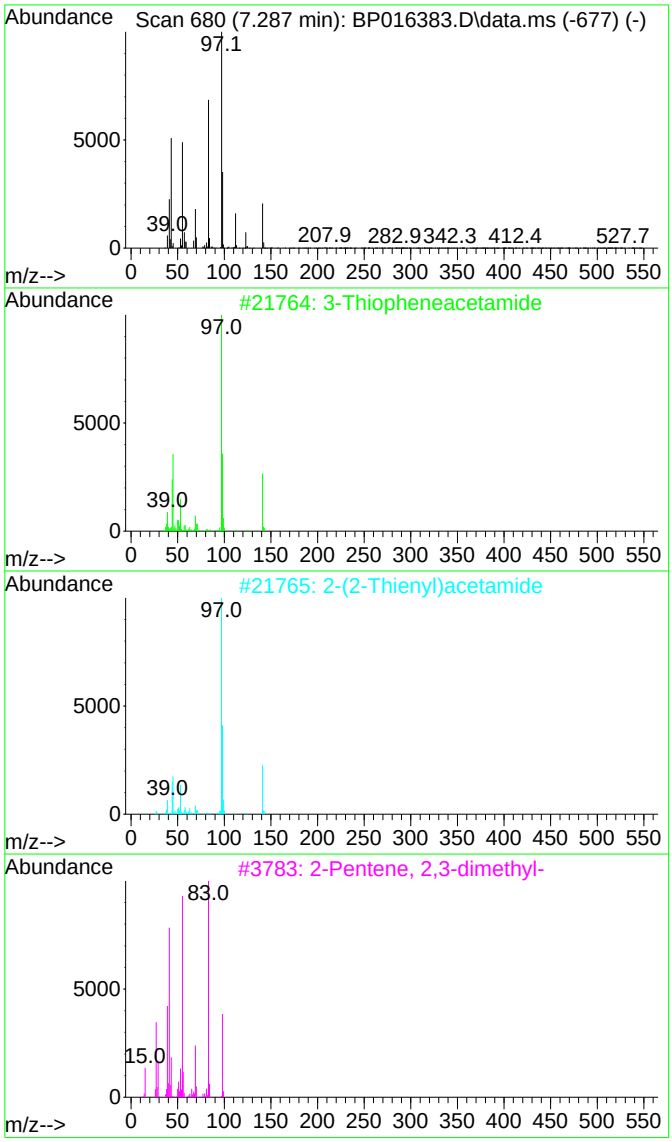
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

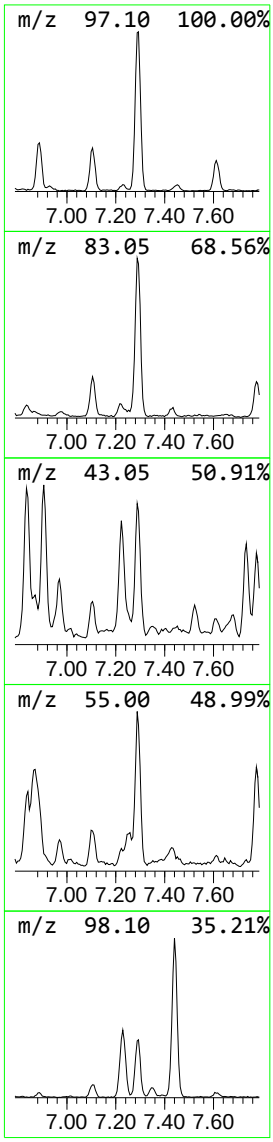
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.287	2.01 ng/ul	507650	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiopheneacetamide	141	C6H7NOS	013781-66-3	47
2	2-(2-Thienyl)acetamide	141	C6H7NOS	004461-29-4	47
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	27
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	27
5	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	25





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Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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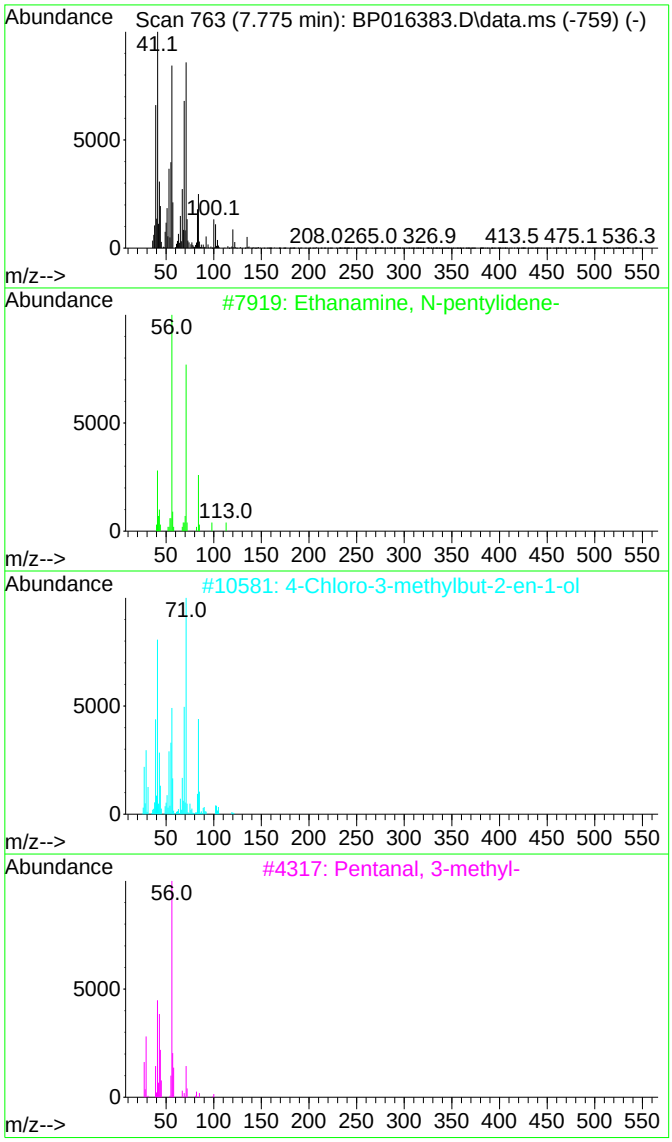
Quant Title : SVOA CALIBRATION

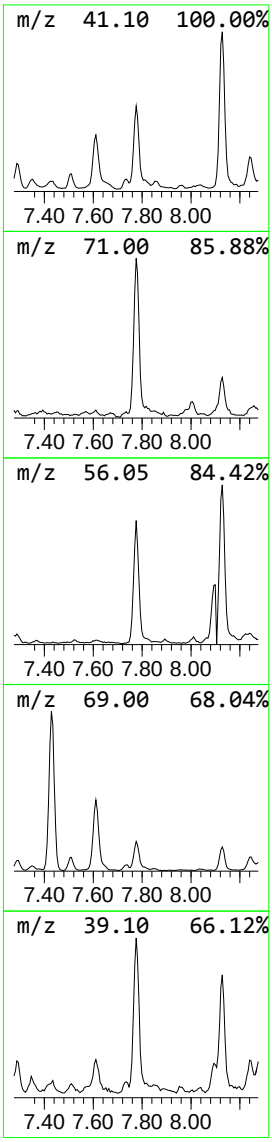
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Ethanamine, N-pentylidene- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.775	3.27 ng/ul	826911	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-pentylidene-	113	C7H15N	010599-76-5	50
2	4-Chloro-3-methylbut-2-en-1-ol	120	C5H9ClO	053170-97-1	38
3	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	38
5	2-Penten-1-ol, 2-methyl-, (E)-	100	C6H12O	016958-19-3	35





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Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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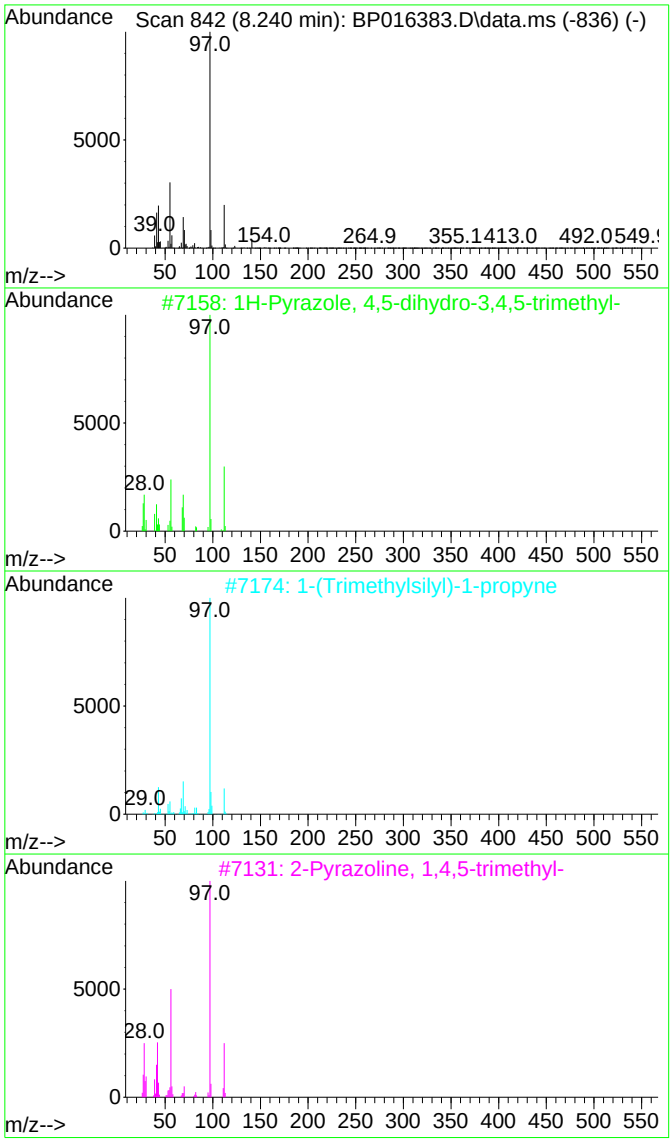
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

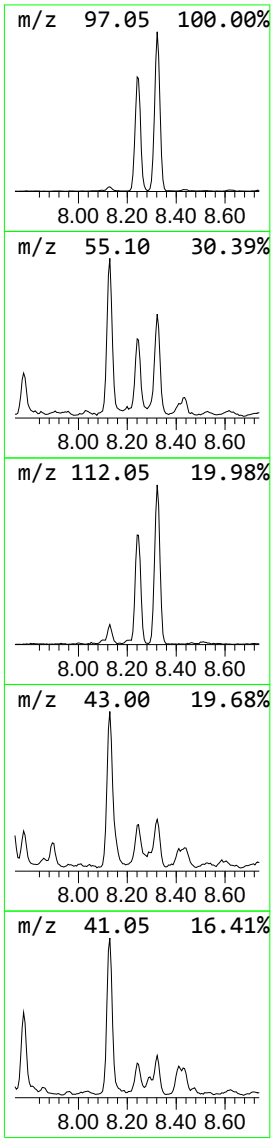
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Pyrazole, 4,5-dihydro-3,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	2.25 ng/ul	569038	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	72
2	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	72
3	2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	64
4	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	64
5	2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	56





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Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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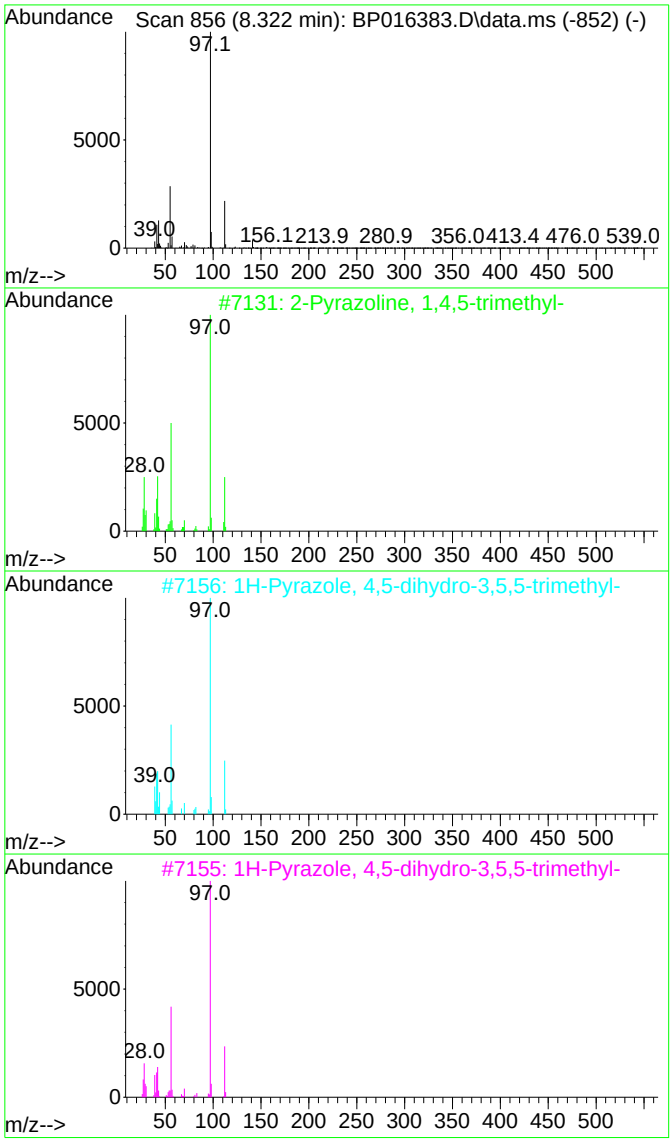
Quant Title : SVOA CALIBRATION

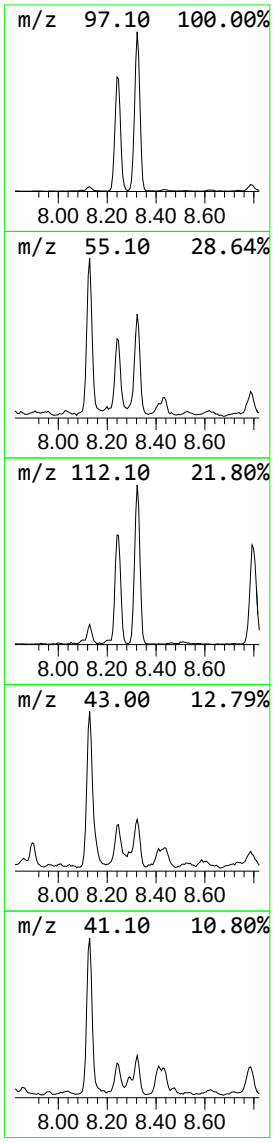
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Pyrazoline, 1,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	2.76 ng/ul	696967	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	78
2	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	78
3	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	72
4	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	72
5	2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	64





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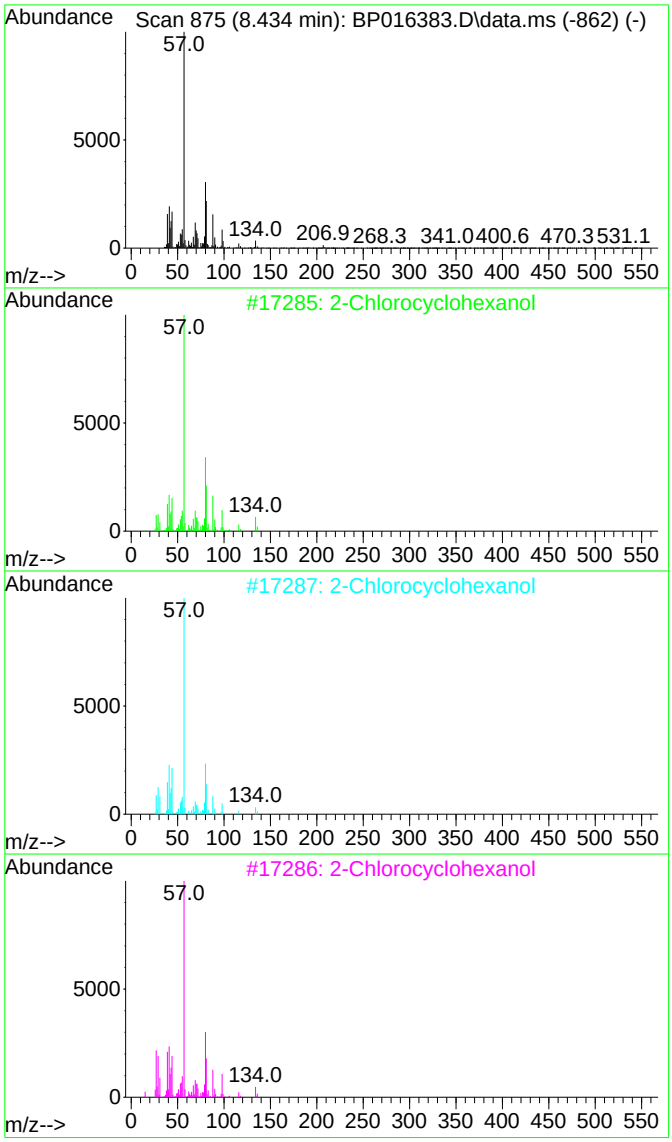
Quant Title : SVOA CALIBRATION

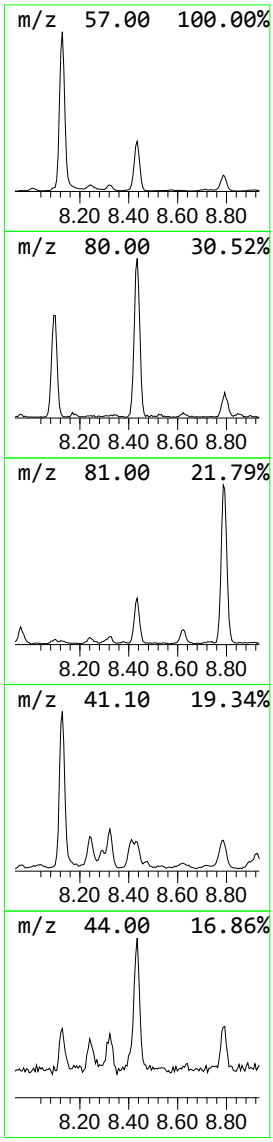
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Chlorocyclohexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	3.66 ng/ul	924999	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	91
2	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	81
3	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	64
4	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	59
5	Cyclohexanol, 2-chloro-, trans-	134	C6H11ClO	006628-80-4	45





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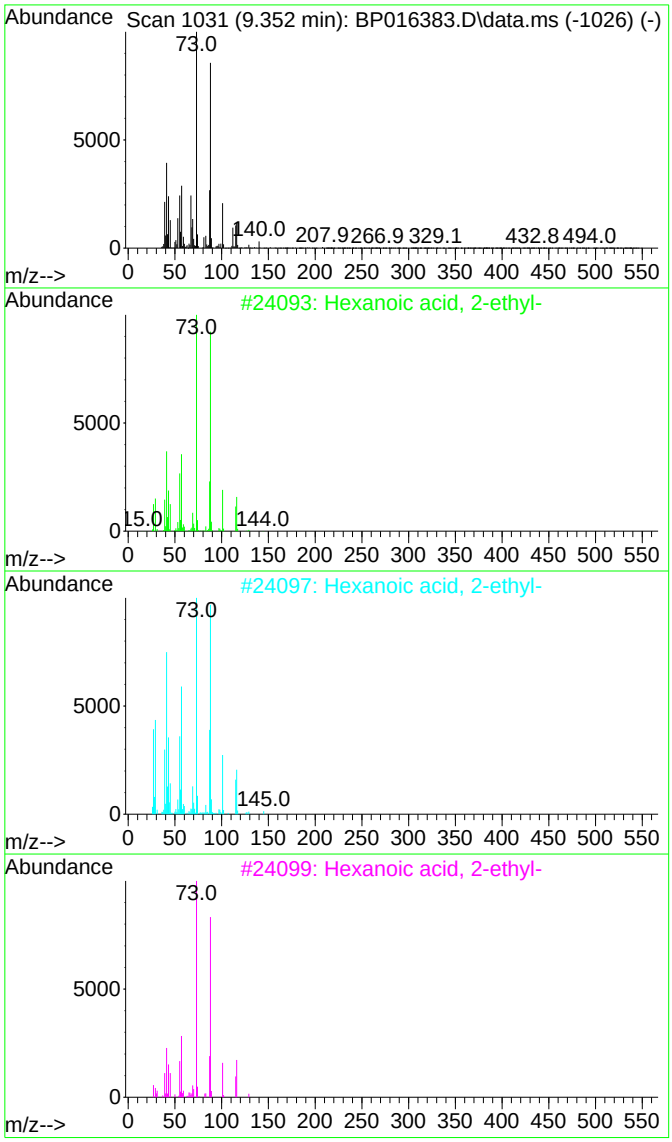
Quant Title : SVOA CALIBRATION

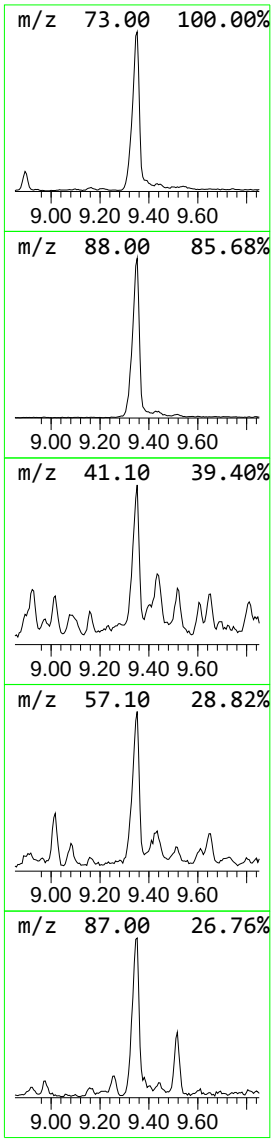
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.352	3.46 ng/ul	874214	1,4-Dichlorobenzene-d4	8.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	58
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

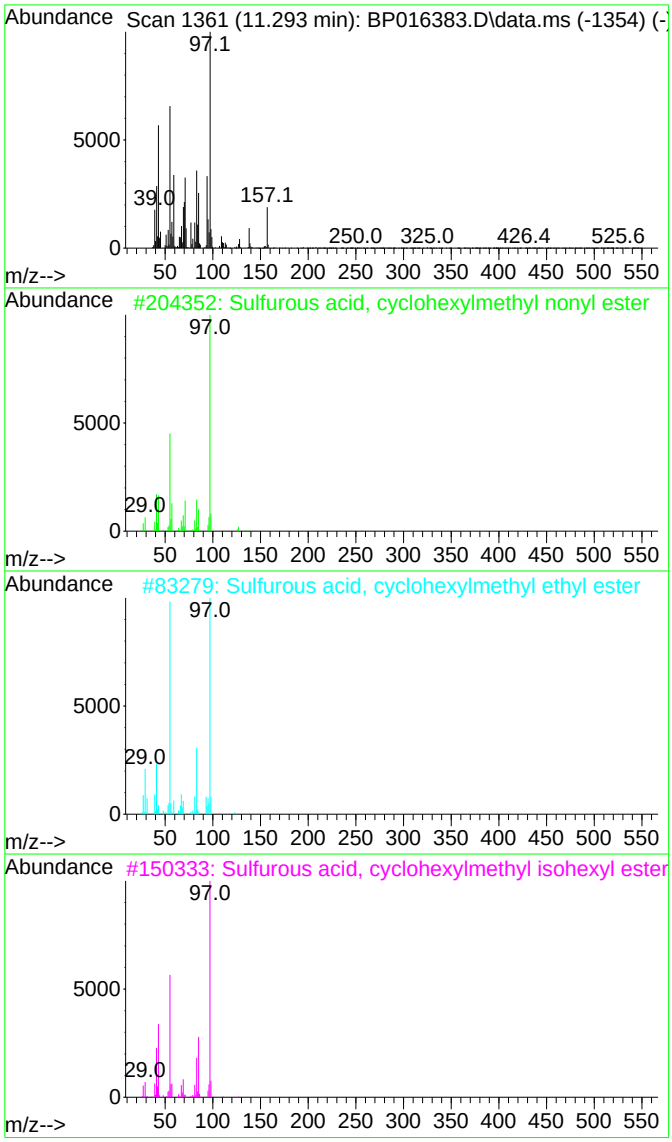
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

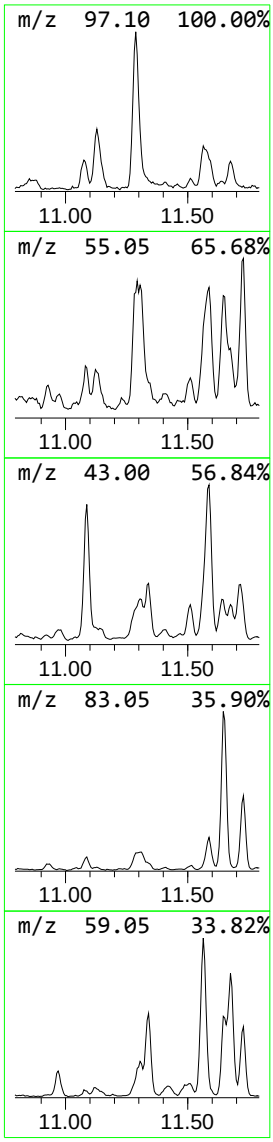
****

Peak Number 17 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.293	2.30 ng/ul	822721	Naphthalene-d8	10.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	49
2	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	43
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	43
4	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	43
5	Propionic acid, 3-hydroxy-2-isop...	130	C6H10O3	1000153-27-1	38





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Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

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

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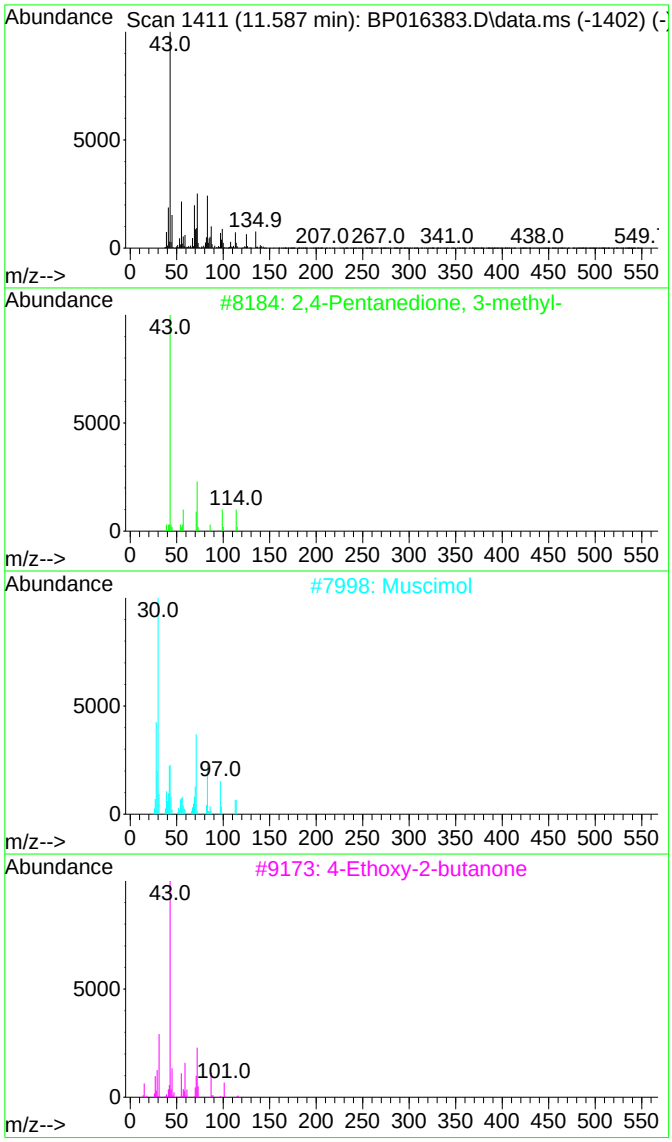
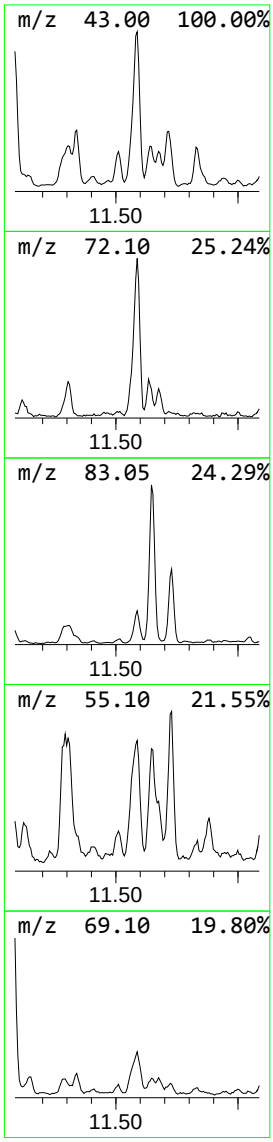
Peak Number 18 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.587	3.47 ng/ul	1242510	Naphthalene-d8	10.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	14
2	Muscimol	114	C4H6N2O2	002763-96-4	12
3	4-Ethoxy-2-butanone	116	C6H12O2	060044-74-8	12
4	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	11
5	6,8-Dioxabicyclo[3.2.1]octane, 1...	142	C8H14O2	028401-39-0	10





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Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

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

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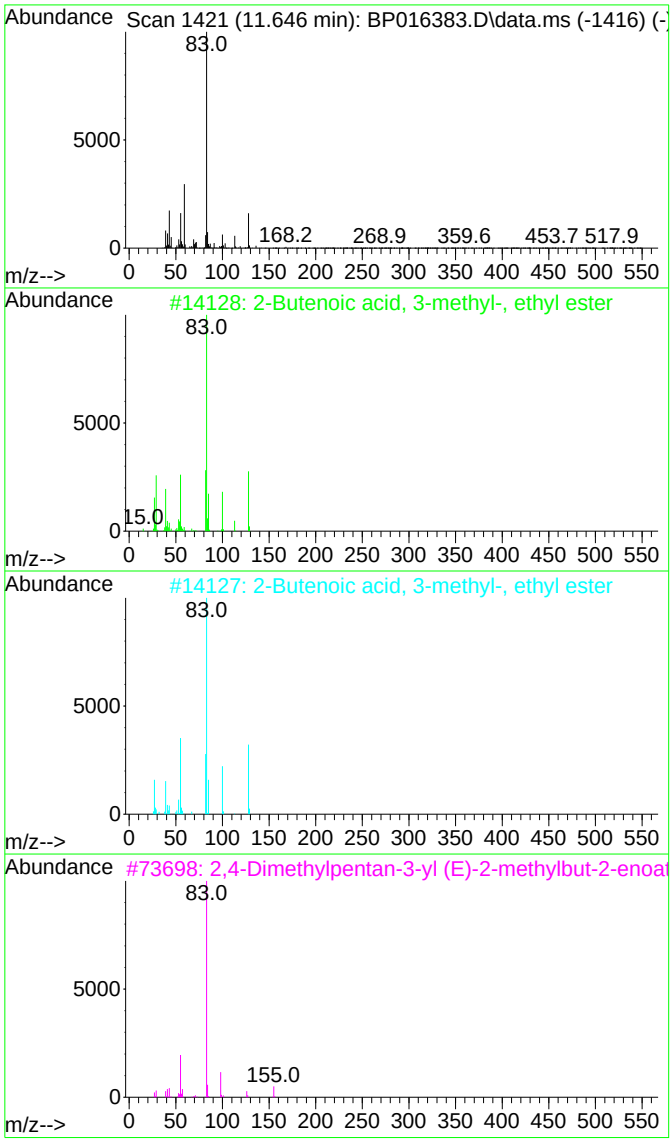
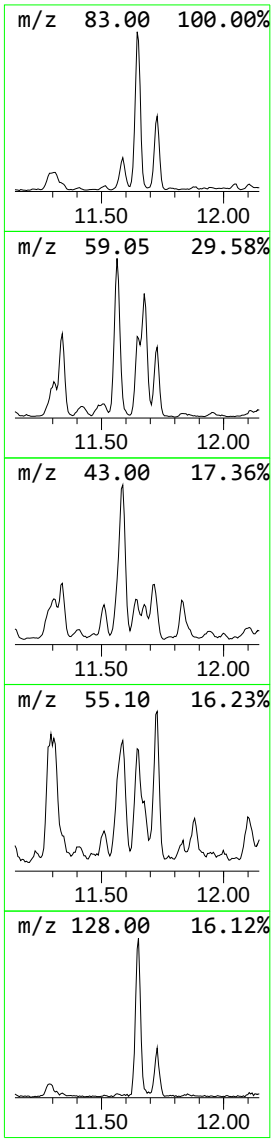
Peak Number 19 2-Butenoic acid, 3-methyl-,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.646	2.02 ng/ul	722491	Naphthalene-d8	10.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	59
2	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	52
3	2,4-Dimethylpentan-3-yl (E)-2-me...	198	C12H22O2	1000373-75-5	47
4	3-Methyl-2-butenoic acid, 2,2-di...	170	C10H18O2	1000279-23-0	47
5	3-Aminopyrazole	83	C3H5N3	001820-80-0	47





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Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

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

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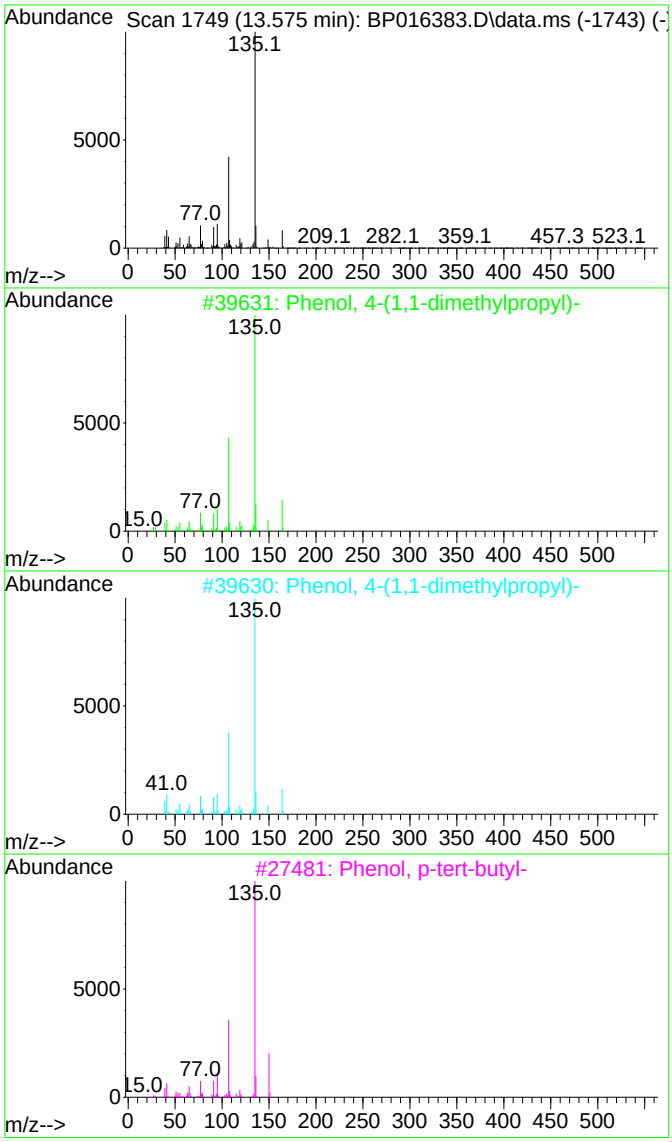
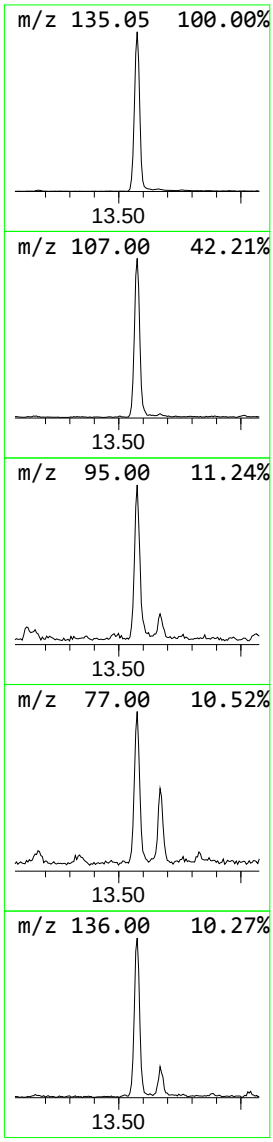
Peak Number 20 Phenol, 4-(1,1-dimethylprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	2.43 ng/ul	1135310	Acenaphthene-d10	14.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	91
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72





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Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

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

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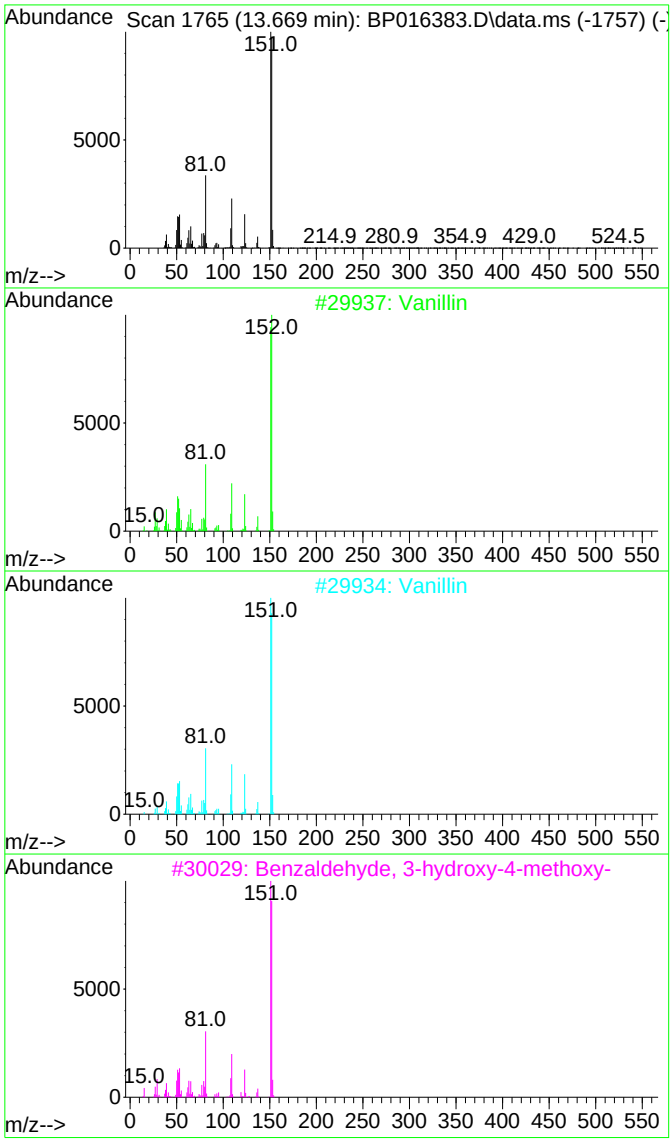
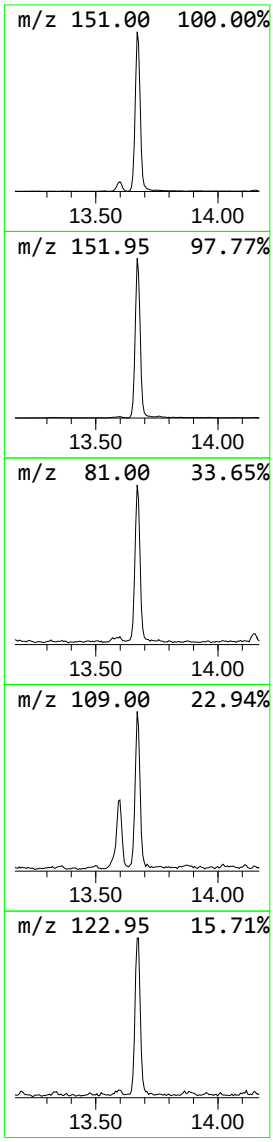
Peak Number 21 Vanillin Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	2.49 ng/ul	1164000	Acenaphthene-d10	14.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION

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

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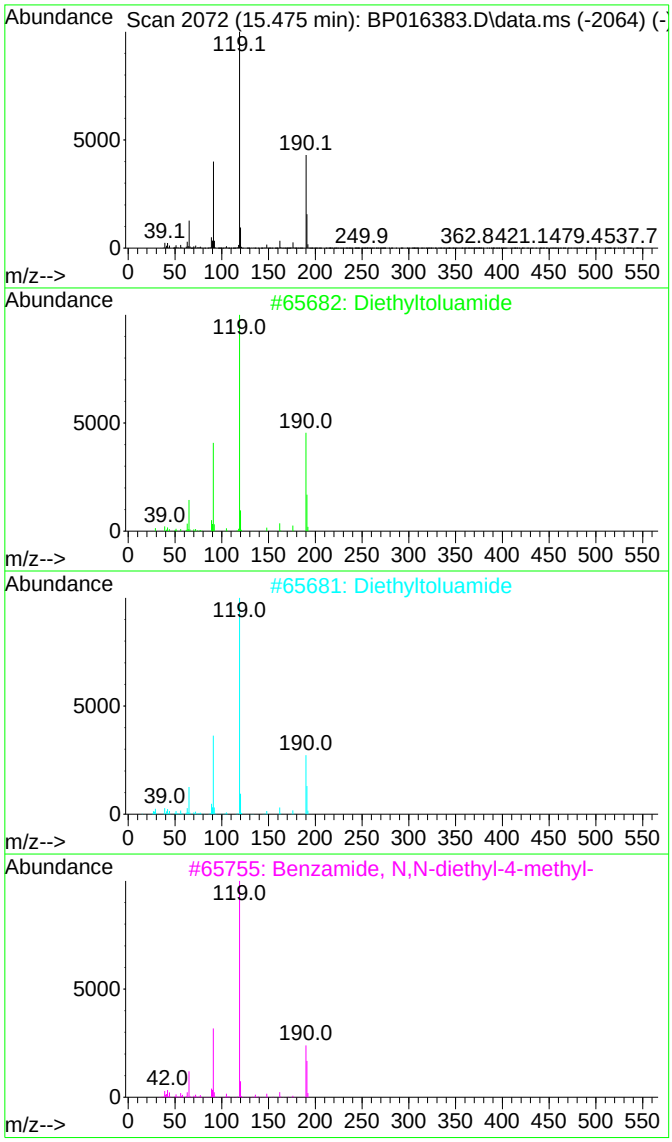
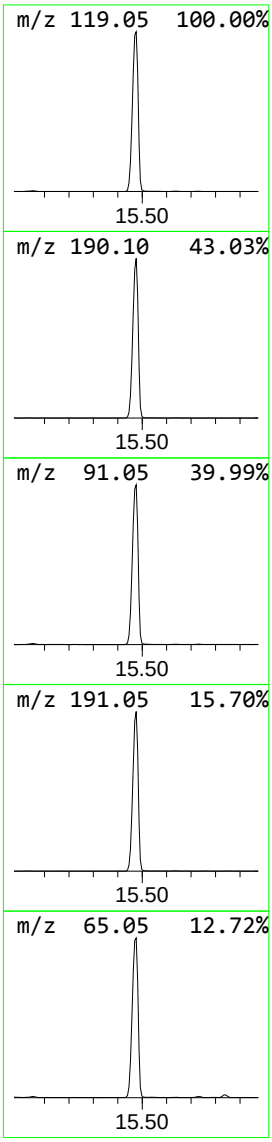
Peak Number 22 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.475	60.89 ng/ul	28472800	Acenaphthene-d10	14.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016383.D
Acq On : 26 Jul 2023 19:49
Operator : MA/JU
Sample : 03575-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.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
Prenol	4.176	7.5	ng/ul	1890500	1	8.099	5055240	20.0
2-Butenal, 3-me...	4.370	2.3	ng/ul	577085	1	8.099	5055240	20.0
(DEL) Alkane: S...	4.411	3.2	ng/ul	801490	1	8.099	5055240	20.0
3-Hexen-1-ol	4.576	2.8	ng/ul	712608	1	8.099	5055240	20.0
unknown-01	4.776	6.0	ng/ul	1522890	1	8.099	5055240	20.0
Triethylsilanol	5.964	3.4	ng/ul	867192	1	8.099	5055240	20.0
2,4-Dimethylfuran	6.011	3.2	ng/ul	804361	1	8.099	5055240	20.0
2-Buten-1-ol, 3...	6.364	4.1	ng/ul	1042740	1	8.099	5055240	20.0
2-Cyclohexen-1-one	6.728	4.0	ng/ul	998359	1	8.099	5055240	20.0
Cyclohexene, 1-...	6.864	2.1	ng/ul	530327	1	8.099	5055240	20.0
unknown-02	7.287	2.0	ng/ul	507650	1	8.099	5055240	20.0
Ethanamine, N-p...	7.775	3.3	ng/ul	826911	1	8.099	5055240	20.0
1H-Pyrazole, 4,...	8.240	2.3	ng/ul	569038	1	8.099	5055240	20.0
2-Pyrazoline, 1...	8.322	2.8	ng/ul	696967	1	8.099	5055240	20.0
2-Chlorocyclohe...	8.434	3.7	ng/ul	924999	1	8.099	5055240	20.0
Hexanoic acid, ...	9.352	3.5	ng/ul	874214	1	8.099	5055240	20.0
unknown-03	11.293	2.3	ng/ul	822721	2	10.928	7162380	20.0
unknown-04	11.587	3.5	ng/ul	1242510	2	10.928	7162380	20.0
2-Butenoic acid...	11.646	2.0	ng/ul	722491	2	10.928	7162380	20.0
Phenol, 4-(1,1-...	13.575	2.4	ng/ul	1135310	3	14.734	9352790	20.0
Vanillin	13.669	2.5	ng/ul	1164000	3	14.734	9352790	20.0
Diethyltoluamide	15.475	60.9	ng/ul	28472800	3	14.734	9352790	20.0