LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	22	27	34	rVB2	27444	41130	0.67%	0.056%
2	3.411	34	38	42	rBV	40155	52005	0.84%	0.071%
3	3.558	59	63	69	rVB	32174	44335	0.72%	0.060%
4	3.852	111	113	119	rBV	149789	215564	3.49%	0.293%
5	3.993	133	137	144	rVB3	19632	30322	0.49%	0.041%
6	4.064	144	149	159	rVB5	10316	23631	0.38%	0.032%
7	4.175	163	168	172	rBV2	49847	78479	1.27%	0.107%
8	4.246	176	180	184	rVV2	47318	67473	1.09%	0.092%
9	4.293	184	188	196	rVV	37938	63158	1.02%	0.086%
10	4.399	199	206	212	rBV	45200	71804	1.16%	0.098%
11	4.464	212	217	223	rVV9	11125	25646	0.42%	0.035%
12	4.846	277	282	289	rBV	96552	161523	2.61%	0.220%
13	4.911	289	293	299	rVB	28702	42589	0.69%	0.058%
14	5.322	358	363	369	rBV2	25713	41183	0.67%	0.056%
15	5.469	378	388	394	rBV	532478	774516	12.54%	1.054%
16	5.516	394	396	402	rVB	17683	23386	0.38%	0.032%
17	5.587	402	408	416	rBV2	49322	80533	1.30%	0.110%
18	5.675	416	423	428	rVV3	34302	71353	1.15%	0.097%
19	5.916	455	464	469	rBV10	16479	48985	0.79%	0.067%
20	5.964	469	472	477	rVB4	14440	23223	0.38%	0.032%
21	6.111	493	497	502	rVV	135260	199186	3.22%	0.271%
22	6.152	502	504	511	rVB5	21506	44772	0.72%	0.061%
23	6.264	515	523	531	rBV2	29675	67682	1.10%	0.092%
24	6.522	561	567	569	rBV2	15551	28026	0.45%	0.038%
25	6.693	589	596	604	rBV2	89351	149891	2.43%	0.204%
26	6.846	615	622	626	rBV7	13886	25471	0.41%	0.035%
27	6.993	640	647	650	rBV3	54635	92986	1.51%	0.127%
28	7.028	650	653	659	rVB	53552	77972	1.26%	0.106%
29	7.205	673	683	688	rBV	256743	454634	7.36%	0.619%
30	7.287	693	697	704	rVB5	41017	84767	1.37%	0.115%
31	7.363	704	710	717	rBV	785669	1237990	20.04%	1.684%
32	7.416	717	719	723	rVV2	43710	72341	1.17%	0.098%
33	7.458	723	726	731	rVB3	32432	48949	0.79%	0.067%
34	7.569	738	745	761	rBV	848691	1530895	24.78%	2.083%
35	7.822	784	788	795	rBV2	48109	81725	1.32%	0.111%
36	8.040	819	825	833	rVV	856600	1377862	22.30%	1.875%

LSC Area Percent Report

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Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

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-BP030723.M
Title : SVOA CALIBRATION

37	8.128	833	840	847	rVV4	96069	182543	2.95%	0.248%
38	8.346	871	877	885	rVB	81729	135648	2.20%	0.185%
39	8.469	892	898	902	rVV9	17649	37362	0.60%	0.051%
40	8.528	903	908	914	rVB7	28229	48136	0.78%	0.065%
41	8.640	920	927	931	rBV2	37394	62045	1.00%	0.084%
42	8.757	935	947	956	rVV	800968	1419521	22.98%	1.931%
43	8.846	956	962	971	rVB	75679	127354	2.06%	0.173%
44	8.987	983	986	992	rVV3	21559	36899	0.60%	0.050%
45	9.093	995	1004	1011	rVB8	22262	73844	1.20%	0.100%
46	9.216	1018	1025	1033	rBV	1038798	1753517	28.38%	2.386%
47	9.481	1065	1070	1076	rVB3	70013	114929	1.86%	0.156%
48	9.546	1076	1081	1086	rBV5	30767	53048	0.86%	0.072%
49	9.669	1099	1102	1110	rVB6	23310	50113	0.81%	0.068%
50	9.881	1130	1138	1141	rBV7	15985	43001	0.70%	0.059%
51	9.940	1141	1148	1154	rVV	908069	1529172	24.75%	2.081%
52	9.987	1154	1156	1161	rVB	41997	57277	0.93%	0.078%
53	10.040	1161	1165	1169	rBV7	18209	33795	0.55%	0.046%
54	10.216	1191	1195	1198	rBV3	31687	44238	0.72%	0.060%
55	10.257	1199	1202	1209	rVB5	30575	51473	0.83%	0.070%
56	10.363	1213	1220	1229	rVV2	248558	496311	8.03%	0.675%
57	10.440	1230	1233	1234	rVV2	21832	25570	0.41%	0.035%
58	10.487	1234	1241	1255	rVB	1354939	2424517	39.24%	3.299%
59	10.622	1261	1264	1268	rVB5	34499	42169	0.68%	0.057%
60	10.740	1280	1284	1288	rBV3	32042	52999	0.86%	0.072%
61	10.863	1297	1305	1312	rBV2	1311936	2642136	42.77%	3.595%
62	11.004	1320	1329	1338	rBV	562737	1080750	17.49%	1.470%
63	11.093	1338	1344	1359	rVB	648875	1163472	18.83%	1.583%
64	11.322	1377	1383	1389	rBV2	332933	572988	9.27%	0.780%
65	11.416	1393	1399	1410	rVV2	942538	1643833	26.61%	2.237%
66	11.587	1422	1428	1436	rBV4	90398	178329	2.89%	0.243%
67	11.669	1440	1442	1446	rBV4	18437	23646	0.38%	0.032%
68	11.734	1450	1453	1456	rBV2	21332	31412	0.51%	0.043%
69	11.881	1474	1478	1484	rBV7	32416	69829	1.13%	0.095%
70	12.063	1505	1509	1514	rVB6	34519	61788	1.00%	0.084%
71	12.151	1522	1524	1528	rVB3	21234	22727	0.37%	0.031%
72	12.304	1547	1550	1554	rBV5	32565	62432	1.01%	0.085%
73	12.416	1565	1569	1574	rBV4	79141	171940	2.78%	0.234%
74	12.469	1575	1578	1585	rVB3	91927	152137	2.46%	0.207%
75	12.734	1616	1623	1629	rBV3	230722	466347	7.55%	0.634%
76	12.881	1645	1648	1649	rBV3	30646	36570	0.59%	0.050%

LSC Area Percent Report

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Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Title : SVOA CALIBRATION

77	13.134	1687	1691	1698	rVB4	194310	346260	5.60%	0.471%
78	13.363	1725	1730	1734	rBV4	142180	278654	4.51%	0.379%
79	13.610	1768	1772	1779	rBV	267075	490885	7.95%	0.668%
80	13.916	1820	1824	1827	rBV2	168234	251575	4.07%	0.342%
81	13.957	1828	1831	1838	rVV	146104	279803	4.53%	0.381%
82	14.016	1838	1841	1845	rVV	117879	194566	3.15%	0.265%
83	14.087	1848	1853	1865	rVB	3134757	4586321	74.24%	6.240%
84	14.381	1895	1903	1910	rVB	2850003	4391529	71.08%	5.975%
85	14.681	1948	1954	1960	rBV	1874066	2767623	44.80%	3.766%
86	14.751	1961	1966	1980	rVB3	198550	475614	7.70%	0.647%
87	14.869	1983	1986	1988	rBV3	123953	147939	2.39%	0.201%
88	14.904	1989	1992	1999	rVB	203158	327280	5.30%	0.445%
89	14.969	2000	2003	2006	rBV	150392	191856	3.11%	0.261%
90	15.675	2117	2123	2128	rBV	3898505	5405577	87.50%	7.355%
91	15.798	2138	2144	2150	rBV	1505143	2223494	35.99%	3.025%
92	17.439	2417	2423	2428	rVB	2155641	3204617	51.87%	4.360%
93	17.539	2434	2440	2448	rVB	4073285	5824160	94.27%	7.924%
94	18.298	2566	2569	2579	rVB	556983	745872	12.07%	1.015%
95	19.522	2774	2777	2785	rVB	280769	377886	6.12%	0.514%
96	19.763	2812	2818	2822	rBV	4547459	6177915	100.00%	8.405%
97	21.186	3057	3060	3065	rVB	335624	377808	6.12%	0.514%
98	21.516	3111	3116	3123	rVB	1876529	2605303	42.17%	3.545%
99	23.868	3509	3516	3526	rVB2	2267200	4678290	75.73%	6.365%
100	24.027	3537	3543	3551	rVB2	1145020	2316332	37.49%	3.152%

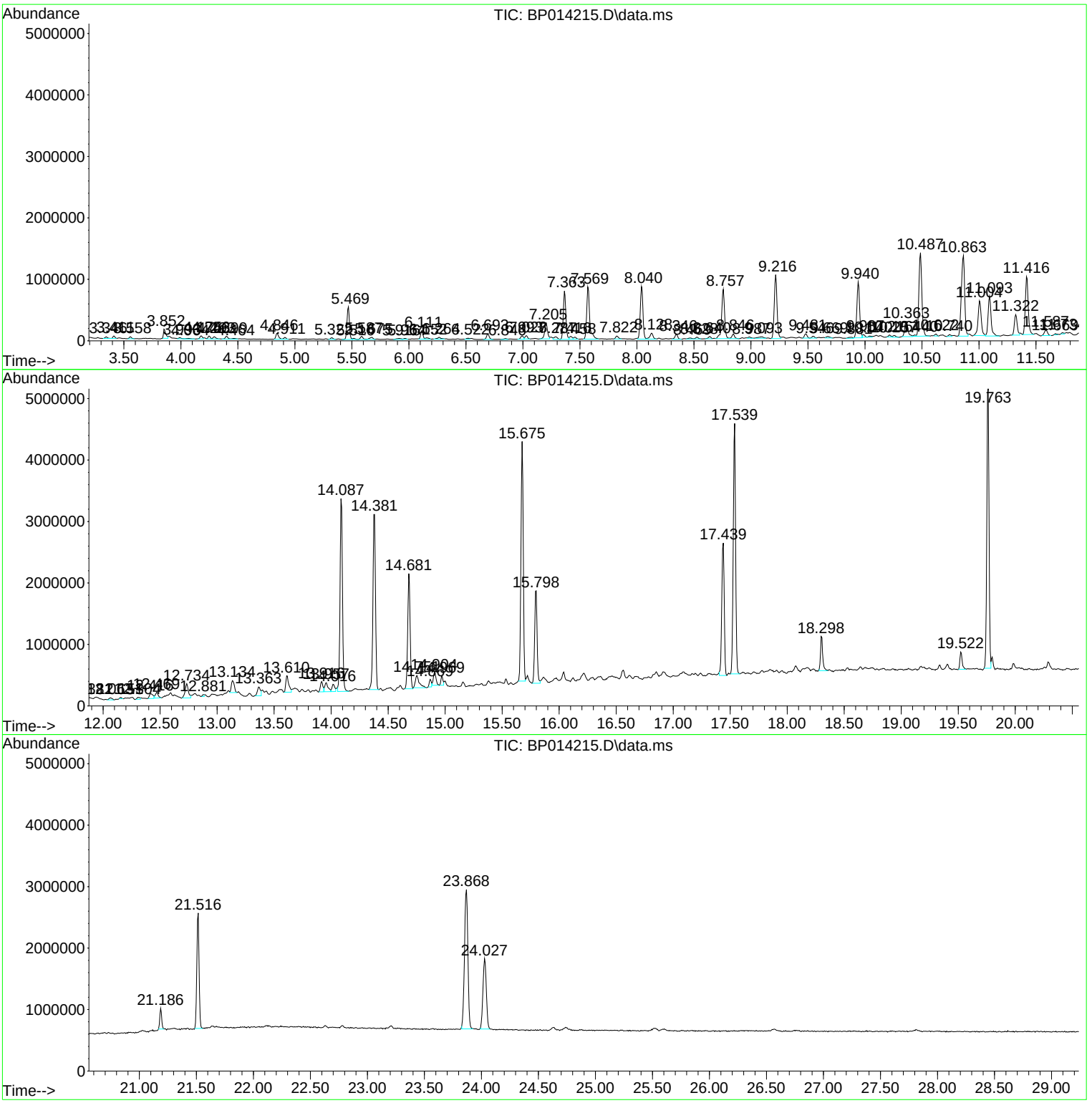
Sum of corrected areas: 73498963

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

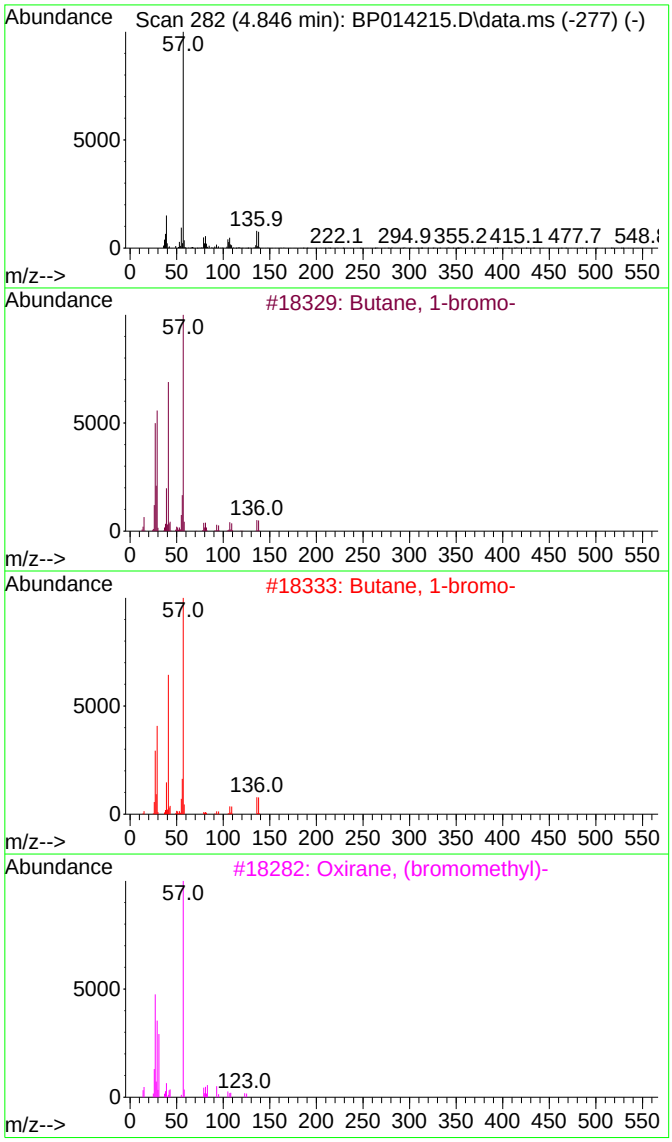
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

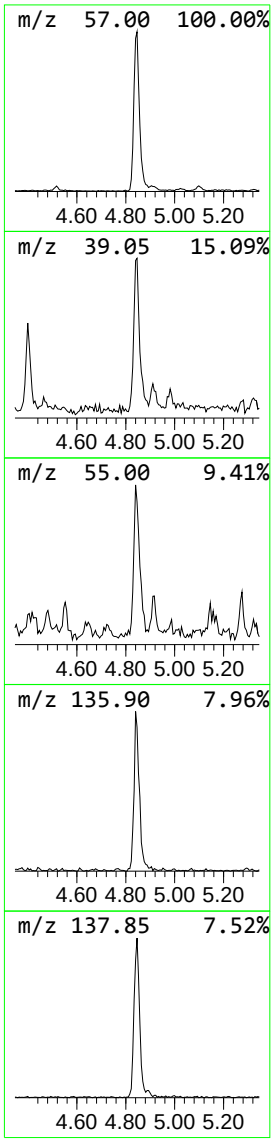
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 1-bromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.846	2.34 ng/ul	161523	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-bromo-	136	C4H9Br	000109-65-9	52
2	Butane, 1-bromo-	136	C4H9Br	000109-65-9	35
3	Oxirane, (bromomethyl)-	136	C3H5BrO	003132-64-7	9
4	Pivalyl chloride	120	C5H9ClO	003282-30-2	9
5	2-Propyn-1-ol, propionate	112	C6H8O2	001932-92-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
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Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

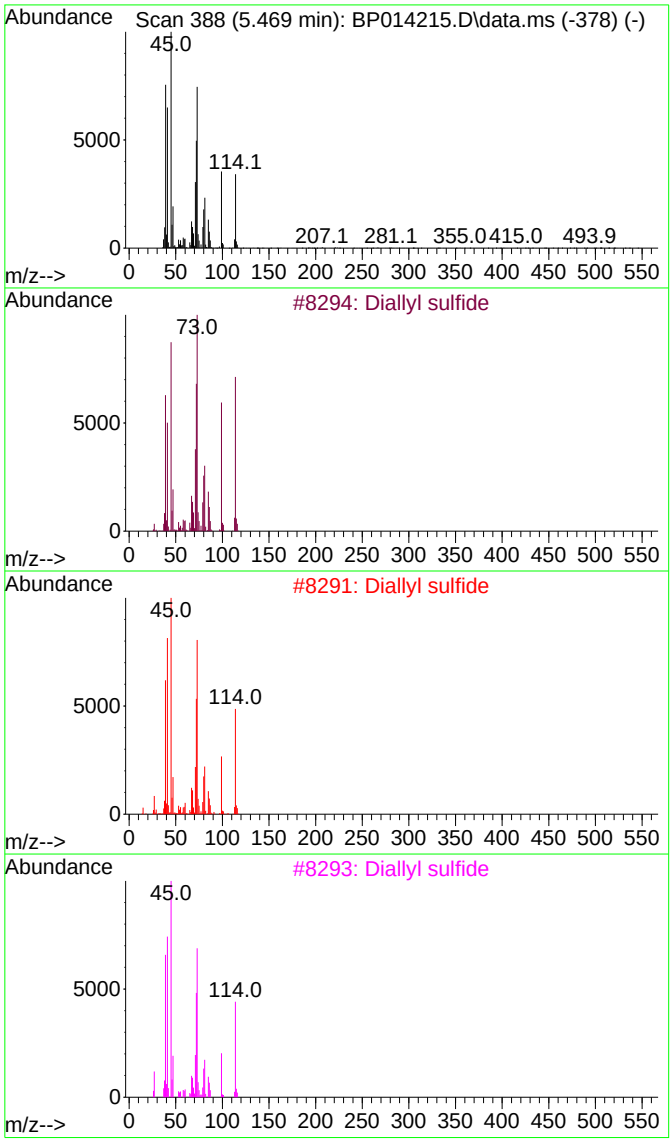
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

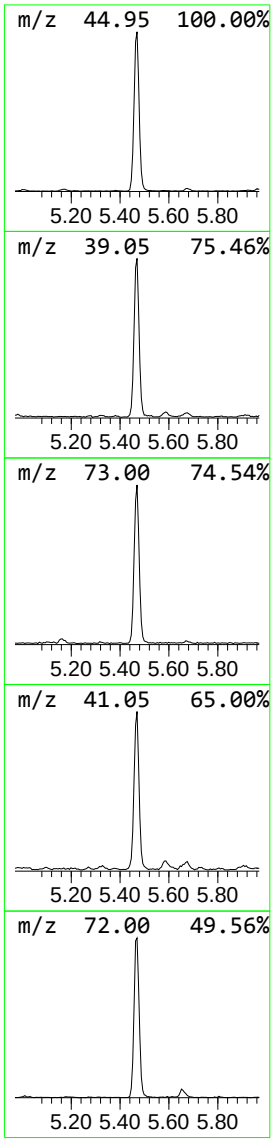
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Diallyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.469	11.24 ng/ul	774516	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diallyl sulfide	114	C6H10S	000592-88-1	97
2	Diallyl sulfide	114	C6H10S	000592-88-1	96
3	Diallyl sulfide	114	C6H10S	000592-88-1	95
4	Diallyl sulfide	114	C6H10S	000592-88-1	95
5	(E)-1-Allyl-3-(prop-1-en-1-yl)tr...	178	C6H10S3	382161-78-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
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Acq On : 22 Mar 2023 12:05
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Sample : 01956-03
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ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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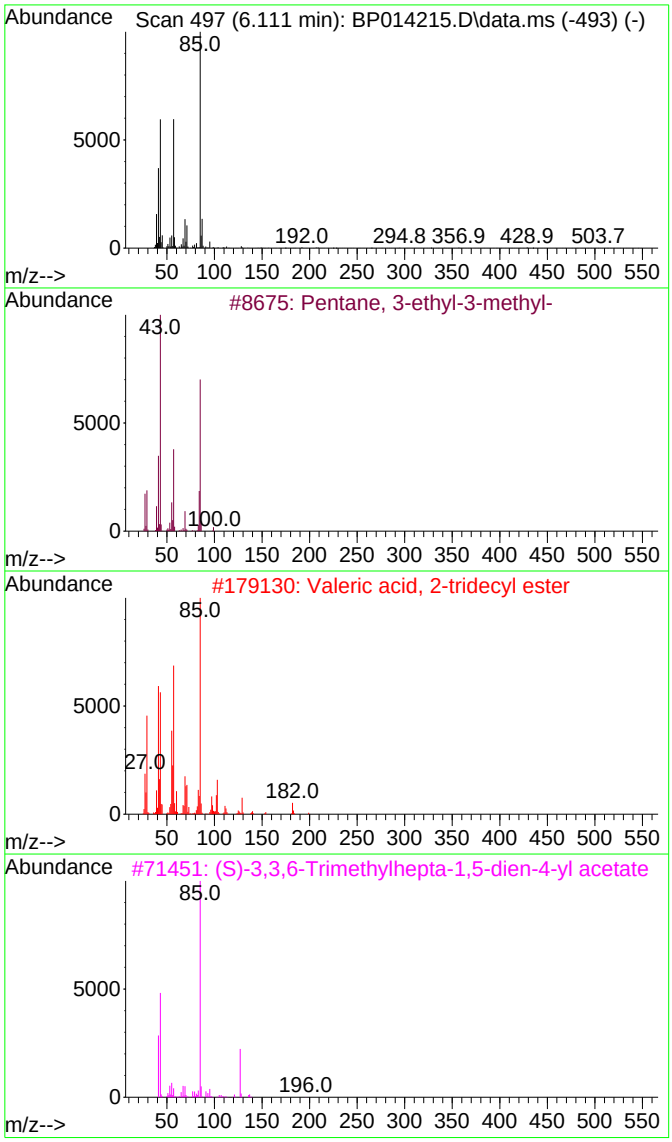
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

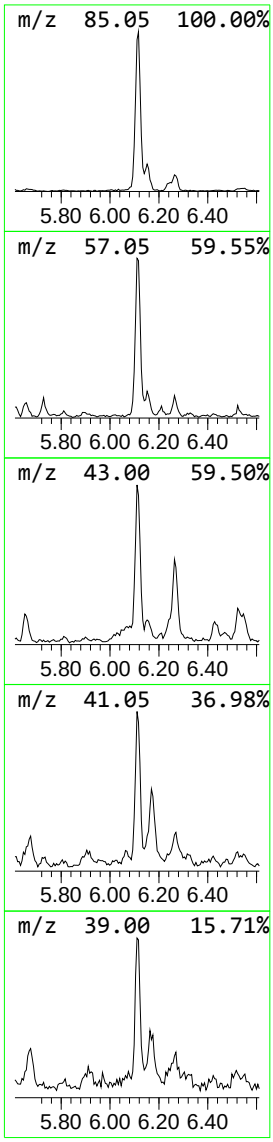
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.111	2.89 ng/ul	199186	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	59
2	Valeric acid, 2-tridecyl ester	284	C18H36O2	055193-13-0	56
3	(S)-3,3,6-Trimethylhepta-1,5-die...	196	C12H20O2	003465-88-1	53
4	Thiazole	85	C3H3NS	000288-47-1	53
5	Cyclohexane, ethoxy-	128	C8H16O	000932-92-3	53





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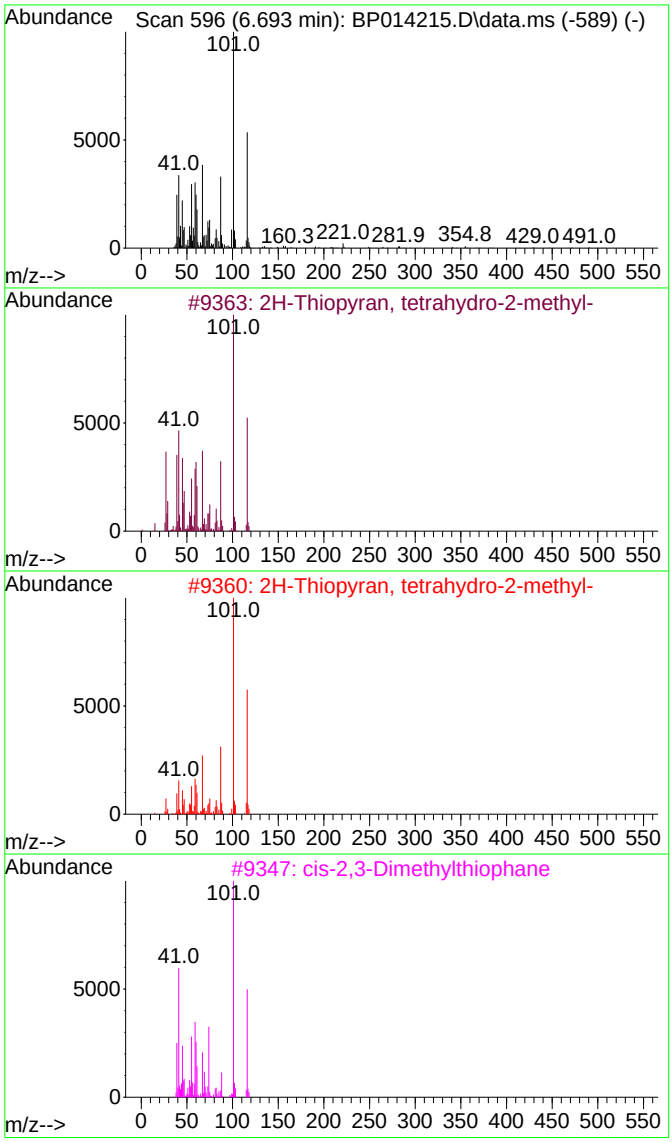
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

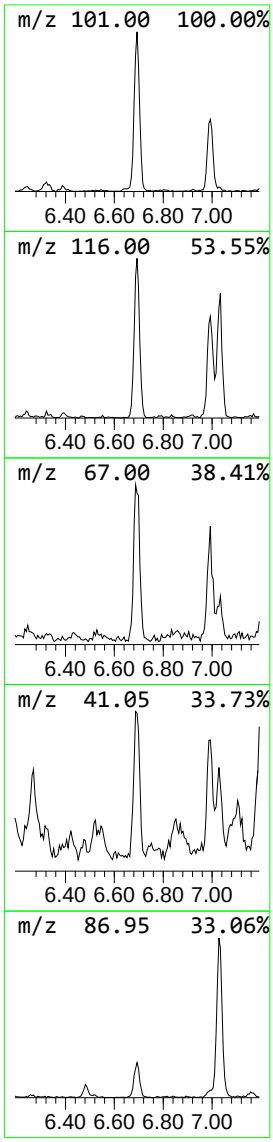
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2H-Thiopyran, tetrahydro-2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.693	2.18 ng/ul	149891	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	95
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	94
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	89
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
5	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

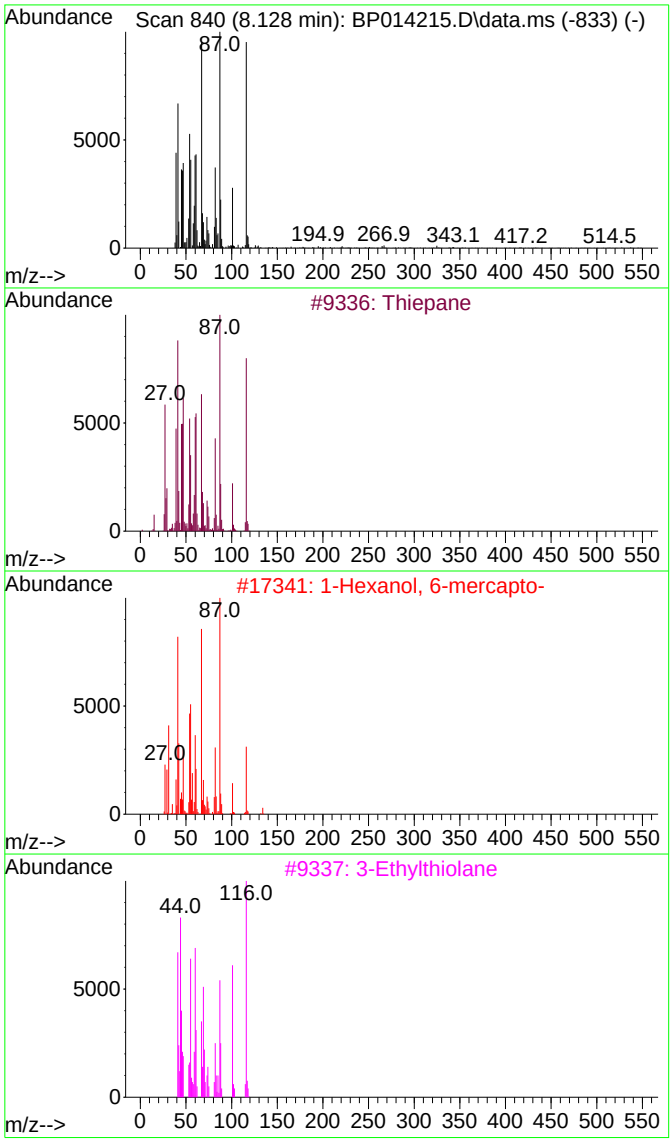
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

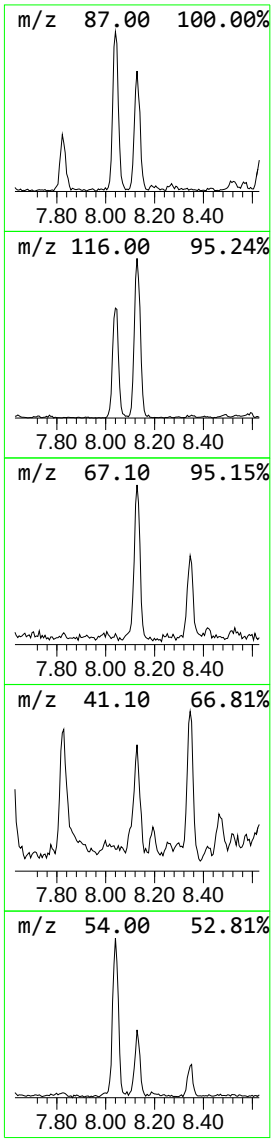
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Thiepane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.128	2.65 ng/ul	182543	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiepane	116	C6H12S	004753-80-4	91
2	1-Hexanol, 6-mercapto-	134	C6H14OS	001633-78-9	53
3	3-Ethylthiolane	116	C6H12S	062184-67-2	38
4	1-Propene, 1-(ethylthio)-2-methyl-	116	C6H12S	027482-14-0	38
5	4H-Thiopyran-4-one, tetrahydro-	116	C5H8OS	001072-72-6	30





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Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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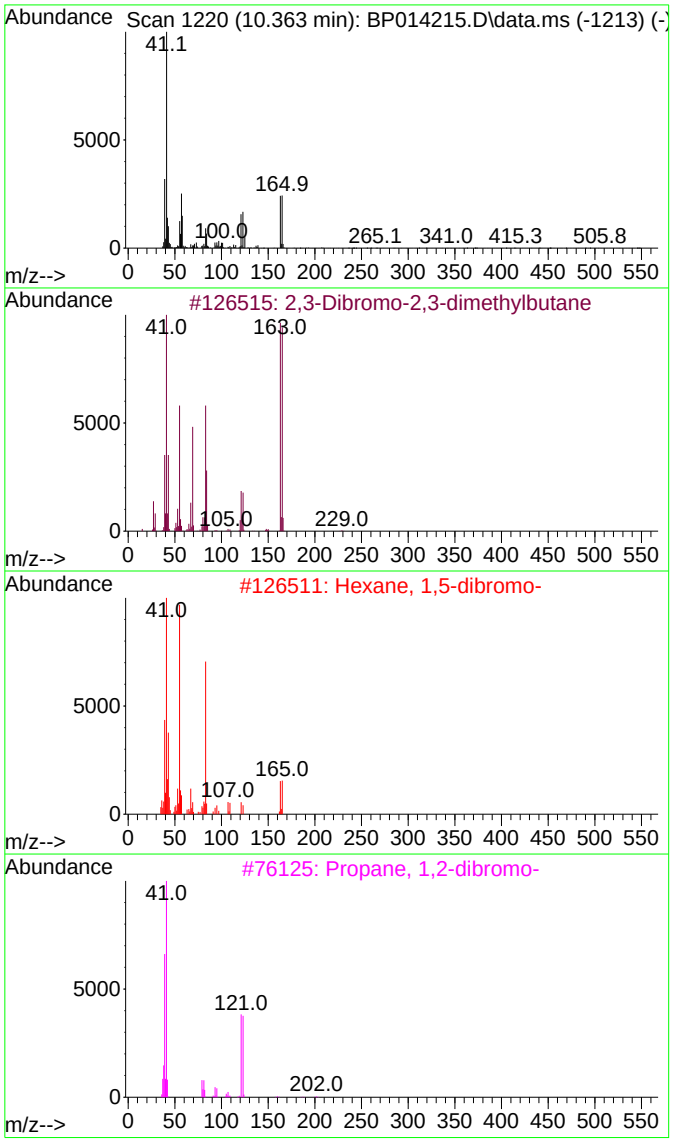
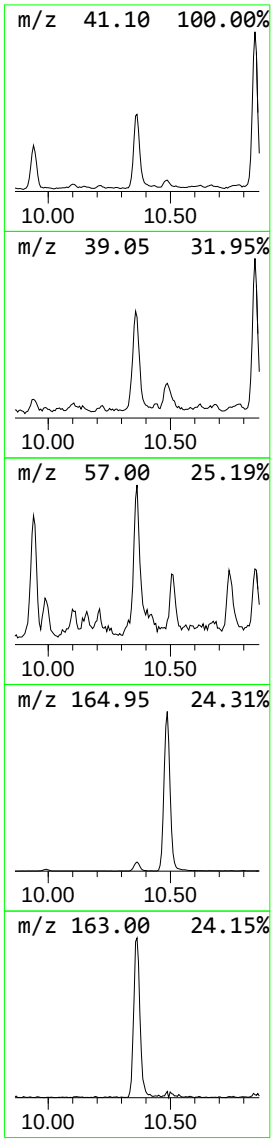
Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	3.76 ng/ul	496311	Naphthalene-d8	10.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dibromo-2,3-dimethylbutane	242	C6H12Br2	000594-81-0	20
2	Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	9
3	Propane, 1,2-dibromo-	200	C3H6Br2	000078-75-1	9
4	Butyl glyoxylate	130	C6H10O3	006295-06-3	9
5	2-Bromo-2-nitropropane	167	C3H6BrNO2	005447-97-2	7





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Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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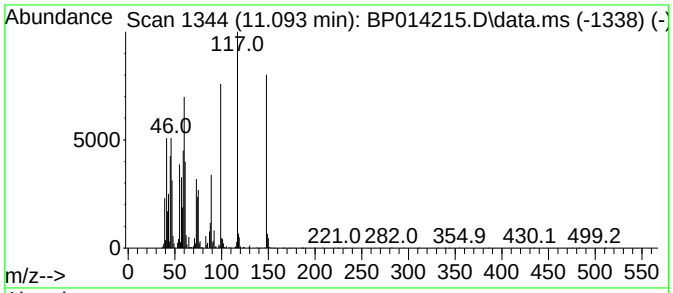
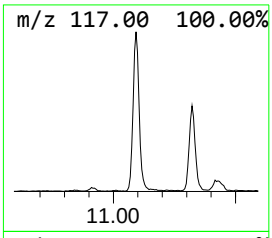
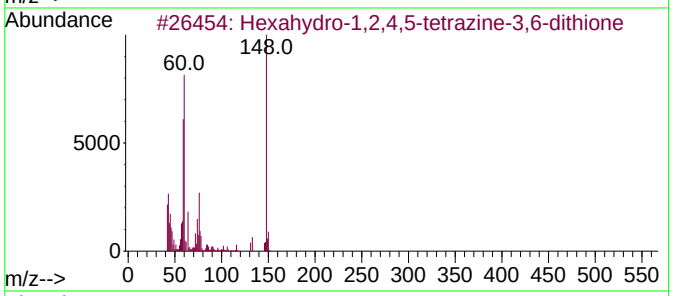
Peak Number 7 unknown-02 Concentration Rank 3

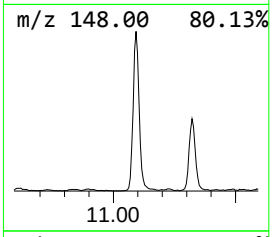
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.093	8.81 ng/ul	1163470	Naphthalene-d8	10.863

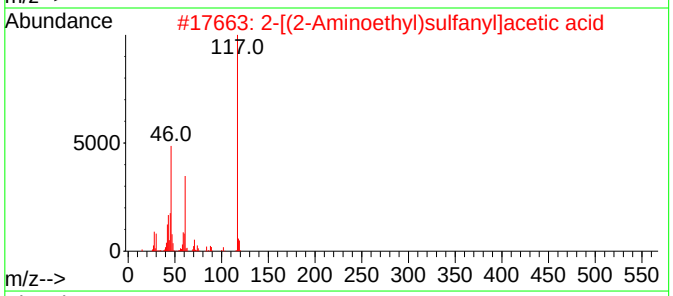
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydro-1,2,4,5-tetrazine-3,6-...	148	C2H4N4S2	036239-33-5	25
2	2-[(2-Aminoethyl)sulfanyl]acetic...	135	C4H9NO2S	003335-52-2	22
3	Butanoic acid, 2-ethyl-, 2-methy...	172	C10H20O2	074082-06-7	22
4	2,4-Thiazolidinedione	117	C3H3NO2S	002295-31-0	11
5	2,4-Thiazolidinedione	117	C3H3NO2S	002295-31-0	11

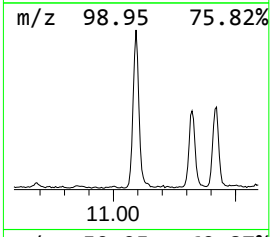


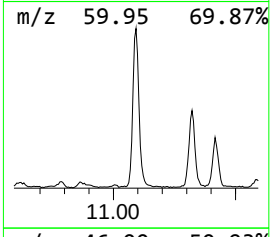


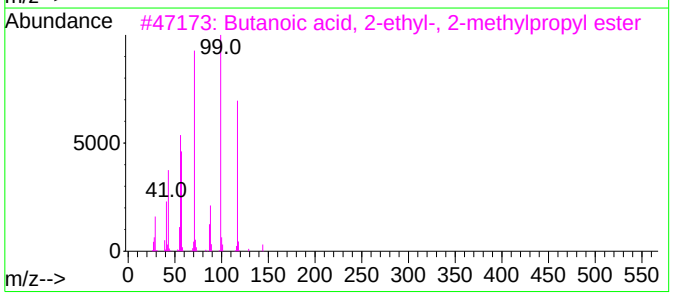


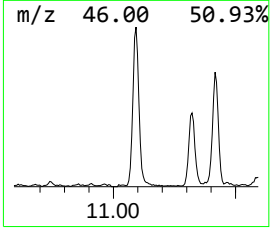












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Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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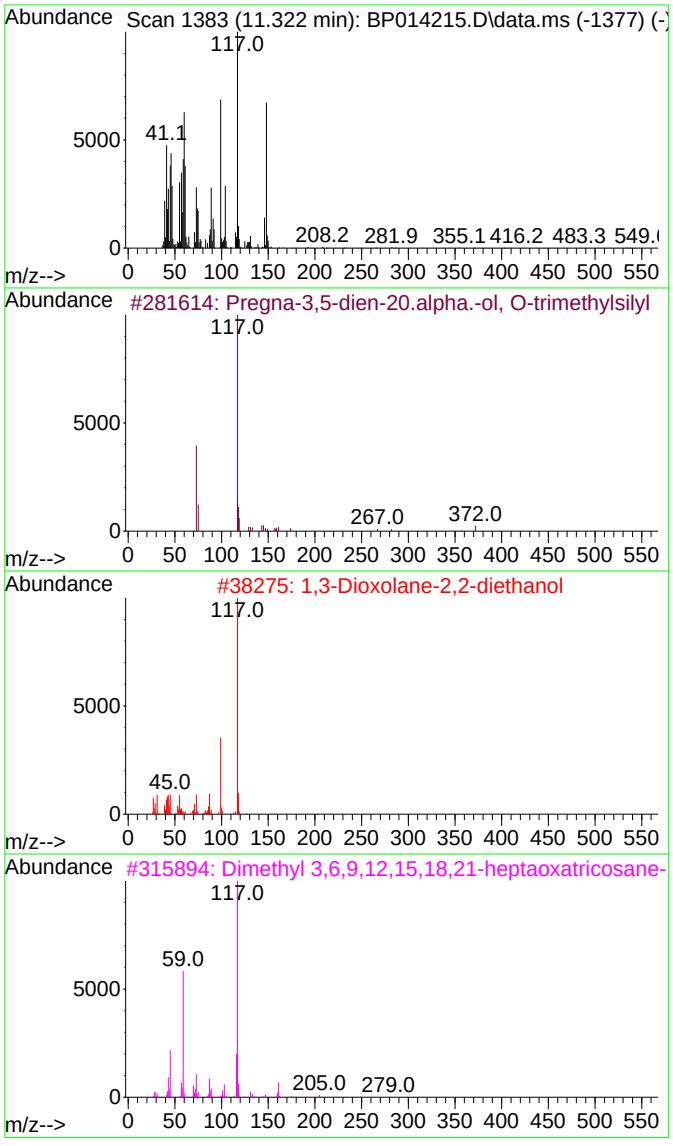
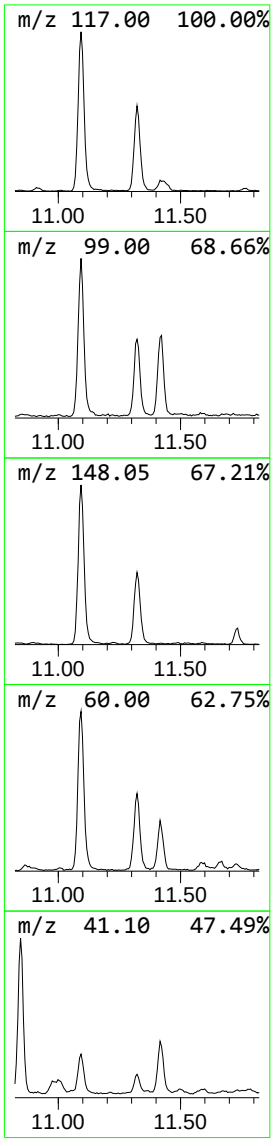
Peak Number 8 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	4.34 ng/ul	572988	Naphthalene-d8	10.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregna-3,5-dien-20.alpha.-ol, O-...	372	C24H40OSi	1000098-49-5	35
2	1,3-Dioxolane-2,2-diethanol	162	C7H14O4	005694-95-1	27
3	Dimethyl 3,6,9,12,15,18,21-hepta...	426	C18H34O11	1000366-83-6	22
4	1-(2-Methoxy-1-methylethoxy)-2-p...	220	C10H24O3Si	1000367-03-7	22
5	Hexahydro-1,2,4,5-tetrazine-3,6-...	148	C2H4N4S2	036239-33-5	22





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Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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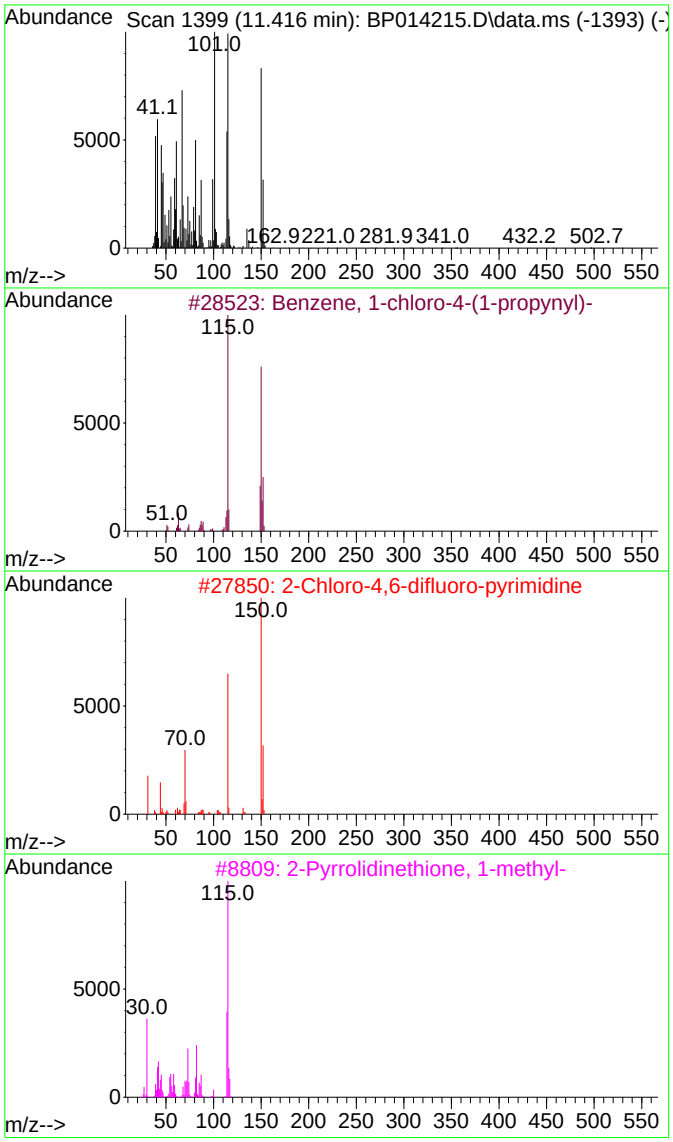
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

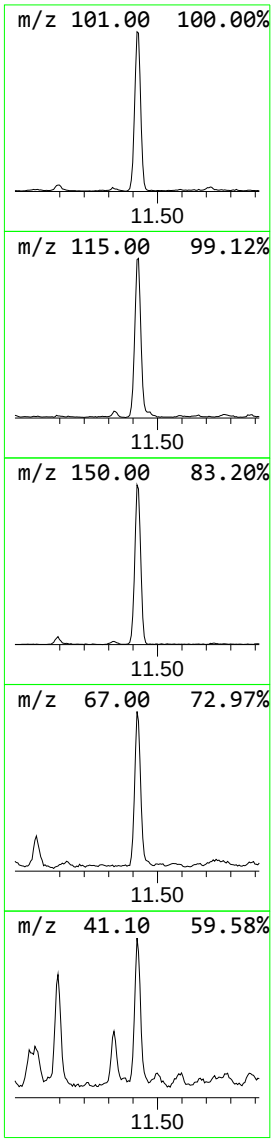
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	12.44 ng/ul	1643830	Naphthalene-d8	10.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	27
3	2-Pyrrolidinethione, 1-methyl-	115	C5H9NS	010441-57-3	14
4	2-Thiazolone	101	C3H3NOS	1010432-90-5	11
5	4-Aminophenyl thiocyanate	150	C7H6N2S	002987-46-4	10





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Sample : 01956-03
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ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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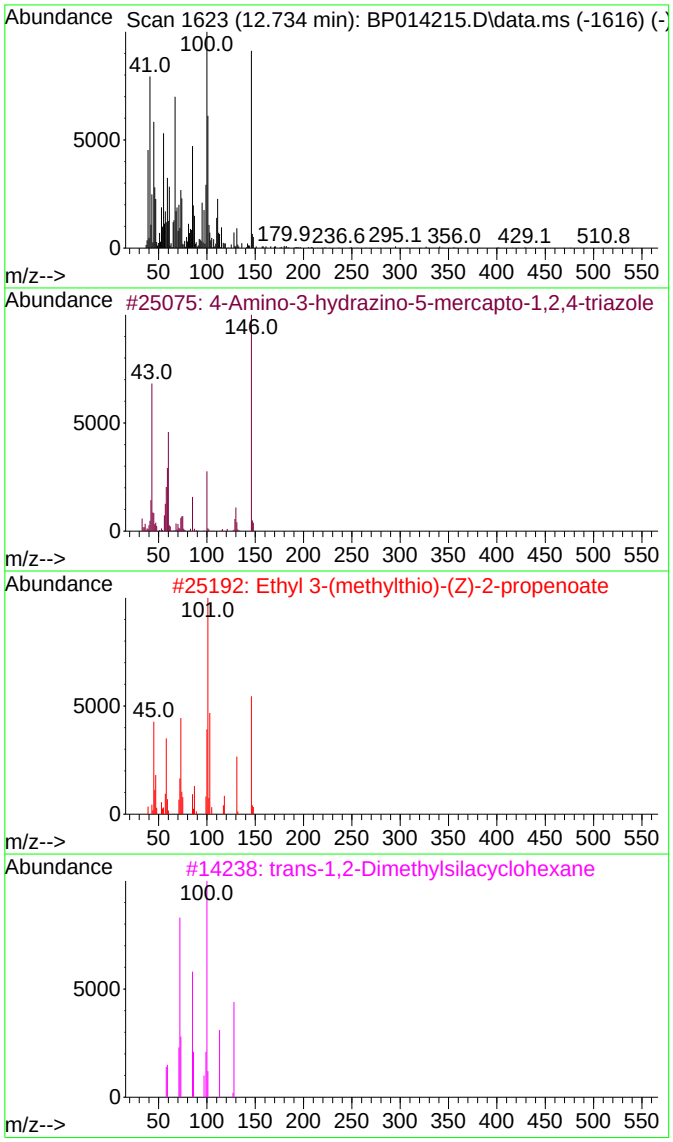
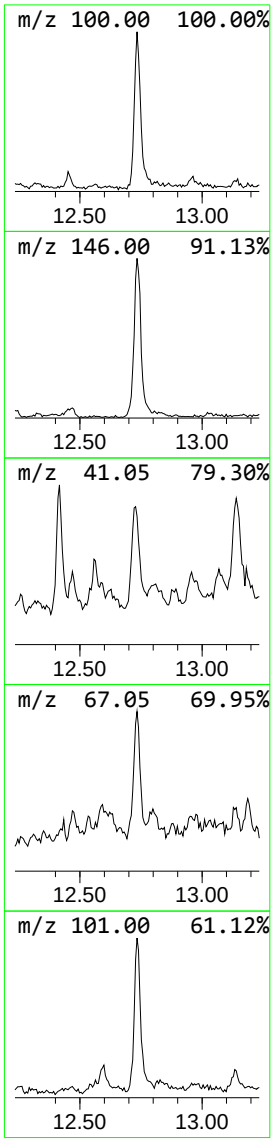
Peak Number 10 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.734	3.53 ng/ul	466347	Naphthalene-d8	10.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-3-hydrazino-5-mercapto-1...	146	C2H6N6S	001750-12-5	43
2	Ethyl 3-(methylthio)-(Z)-2-prope...	146	C6H10O2S	136115-66-7	41
3	trans-1,2-Dimethylsilacyclohexane	128	C7H16Si	101772-68-3	38
4	3-Methyl-5-pyrazolidinone	100	C4H8N2O	010234-76-1	22
5	2(3H)-Furanone, 3-acetyldihydro-...	142	C7H10O3	001123-19-9	22





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Misc :
ALS Vial : 87 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

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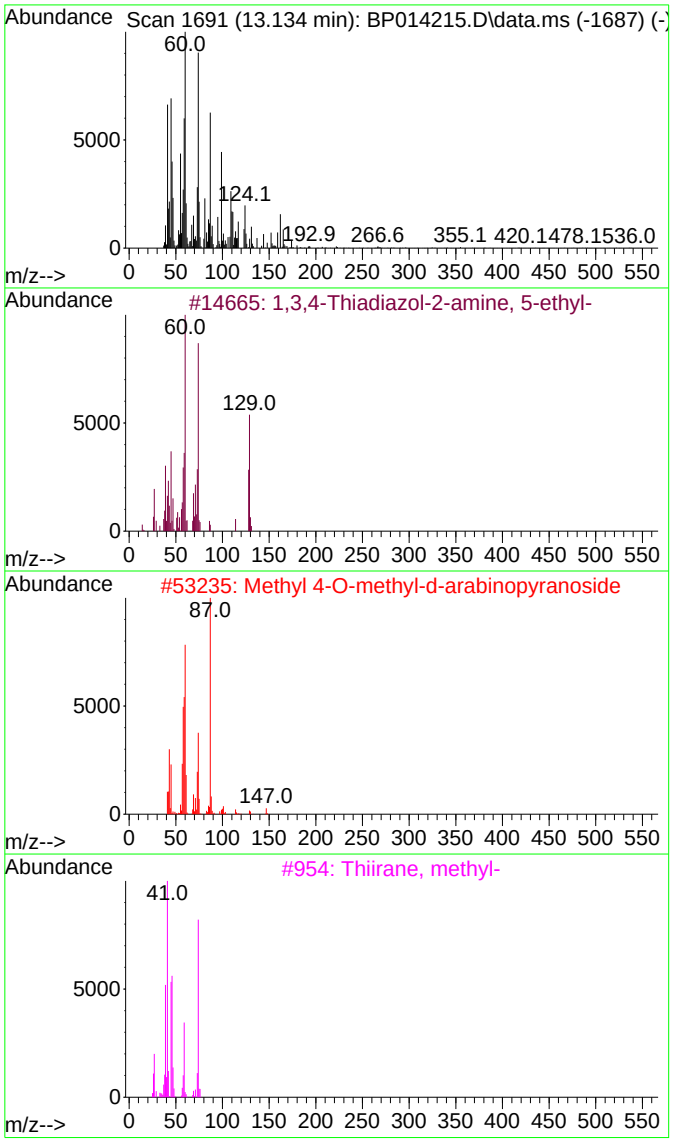
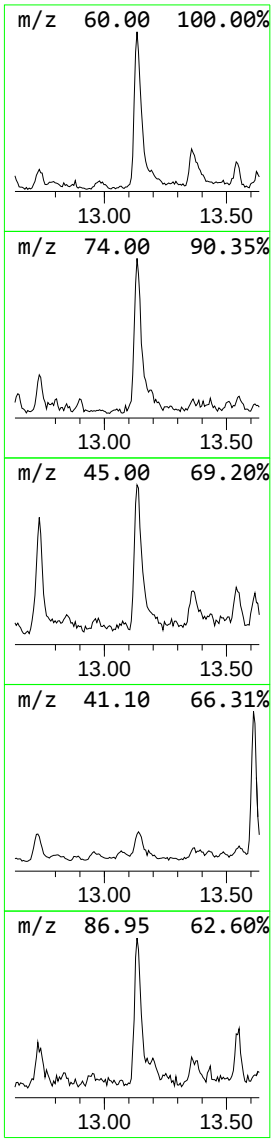
Peak Number 11 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.134	2.50 ng/ul	346260	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazol-2-amine, 5-ethyl-	129	C4H7N3S	014068-53-2	38
2	Methyl 4-O-methyl-d-arabinopyran...	178	C7H14O5	1000129-79-9	35
3	Thiirane, methyl-	74	C3H6S	001072-43-1	27
4	Thiirane, methyl-	74	C3H6S	001072-43-1	25
5	Propionic acid, 3-tetrazol-1-yl-	142	C4H6N4O2	1000304-09-3	22





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Acq On : 22 Mar 2023 12:05
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Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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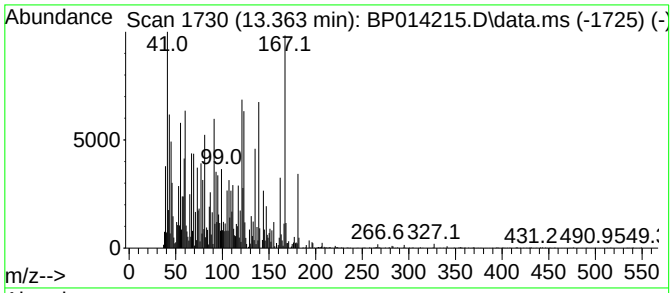
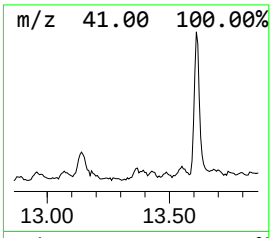
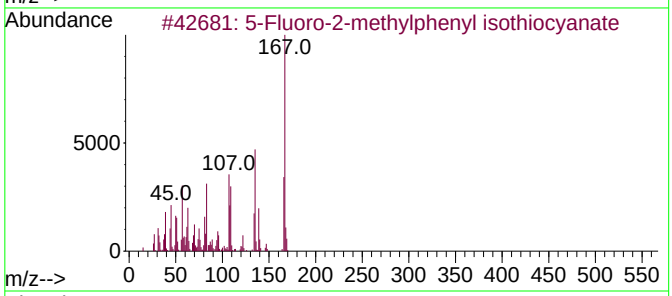
Peak Number 12 unknown-07 Concentration Rank 18

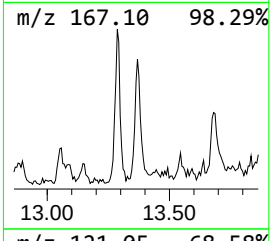
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	2.01 ng/ul	278654	Acenaphthene-d10	14.681

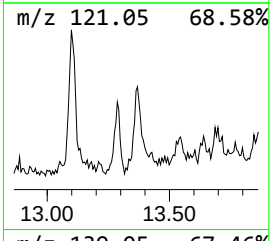
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-methylphenyl isothioc...	167	C8H6FNS	175205-39-7	30
2	4,4,4-Trifluorocrotonamide	139	C4H4F3NO	000590-76-1	25
3	Thiazolo[3,2-a]pyridinium,3,8-di...	167	C7H5NO2S	035143-55-6	25
4	3,4-Dimethoxy-6-amino toluene	167	C9H13NO2	041864-45-3	15
5	3-Methoxythiobenzamide	167	C8H9NOS	064559-06-4	14

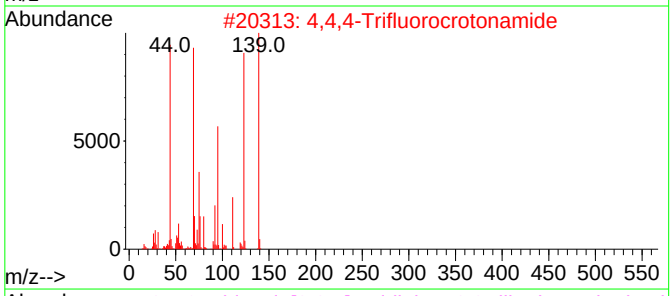


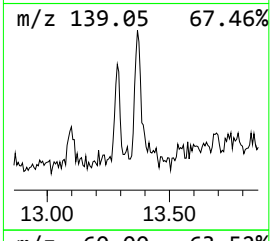


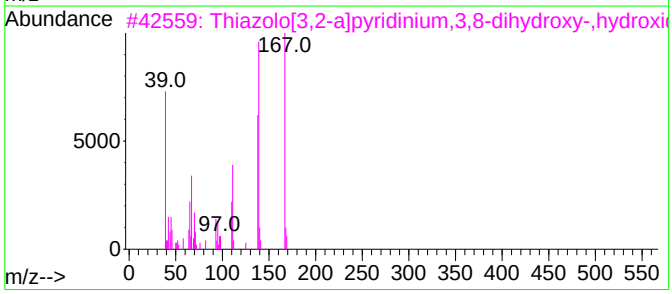


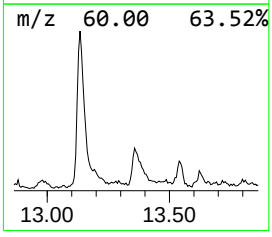












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Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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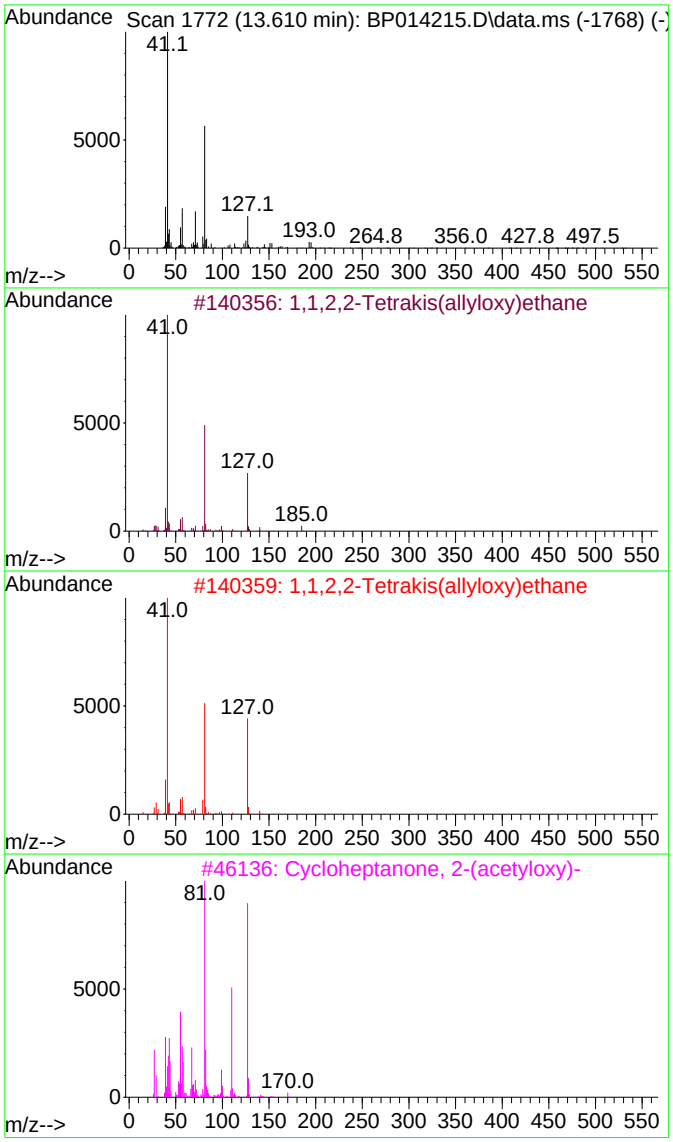
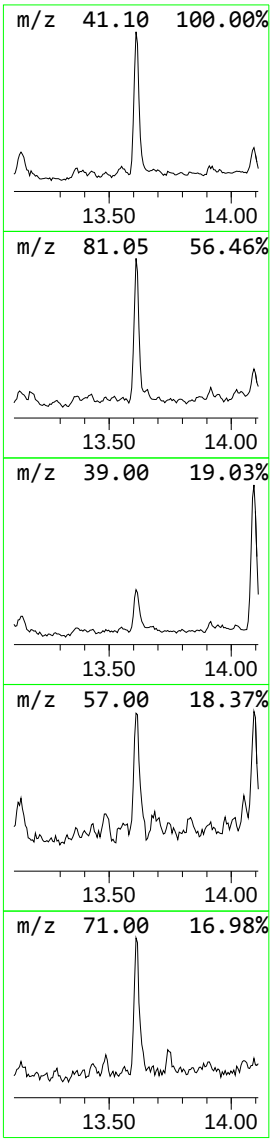
Peak Number 13 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	3.55 ng/ul	490885	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,2,2-Tetrakis(allyloxy)ethane	254	C14H22O4	016646-44-9	47
2	1,1,2,2-Tetrakis(allyloxy)ethane	254	C14H22O4	016646-44-9	47
3	Cycloheptanone, 2-(acetyloxy)-	170	C9H14O3	019347-07-0	9
4	2(3H)-Furanone, 3-bromodihydro-	164	C4H5BrO2	005061-21-2	9
5	Diallyl carbonate	142	C7H10O3	015022-08-9	9





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Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

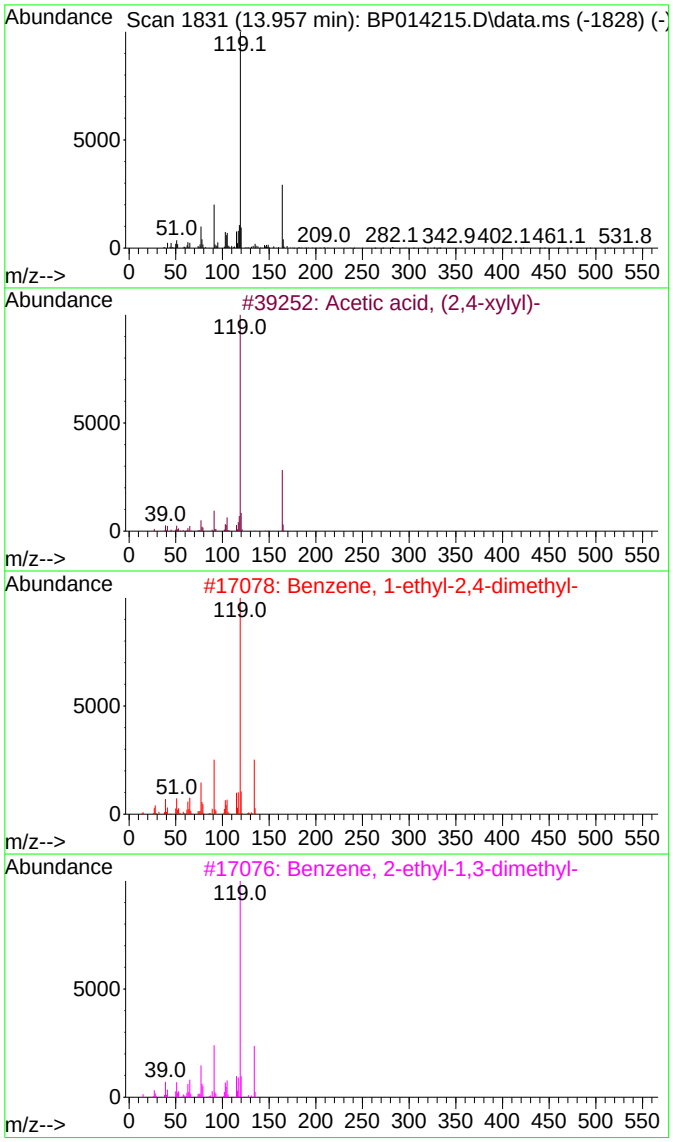
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

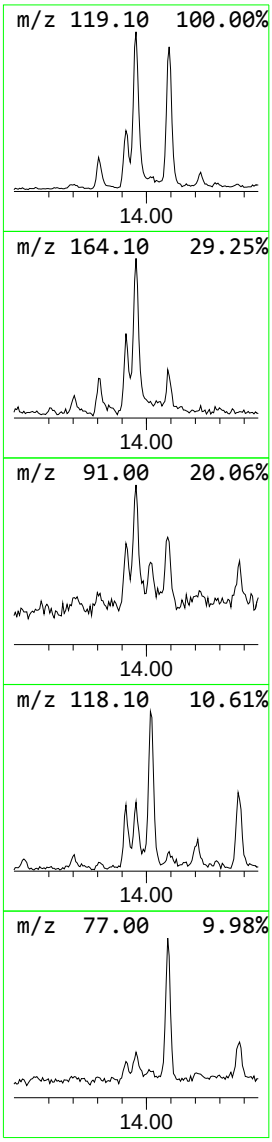
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Acetic acid, (2,4-xylyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	2.02 ng/ul	279803	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	91
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	59
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59





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Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

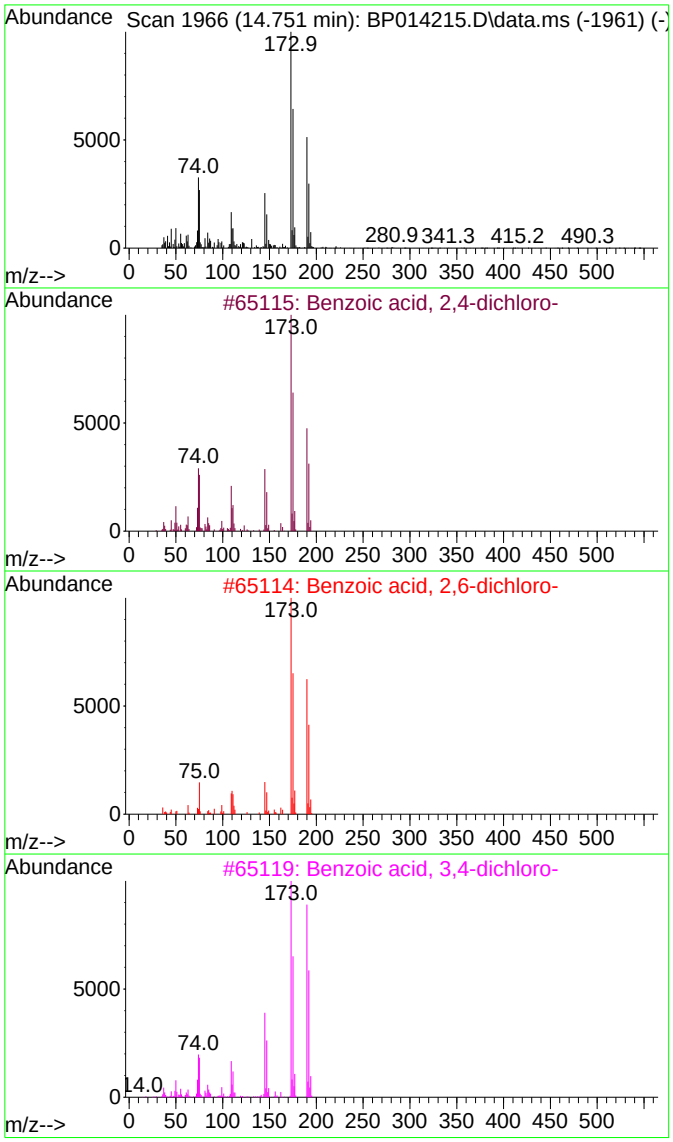
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

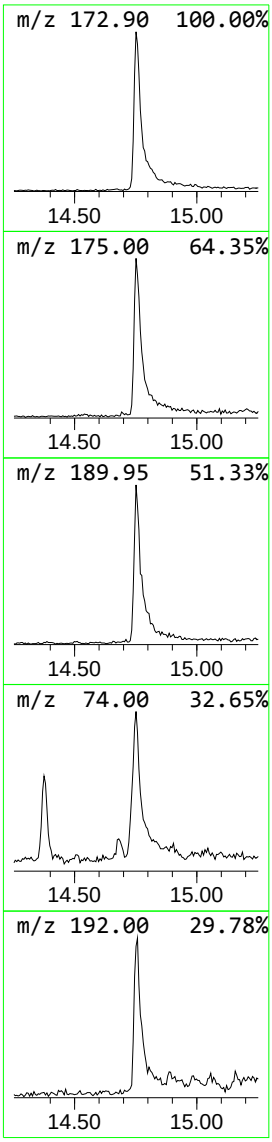
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzoic acid, 2,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	3.44 ng/ul	475614	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	98
2	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	97
3	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	96
4	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	95
5	Benzoic acid, 2,3-dichloro-	190	C7H4Cl2O2	000050-45-3	95





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Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

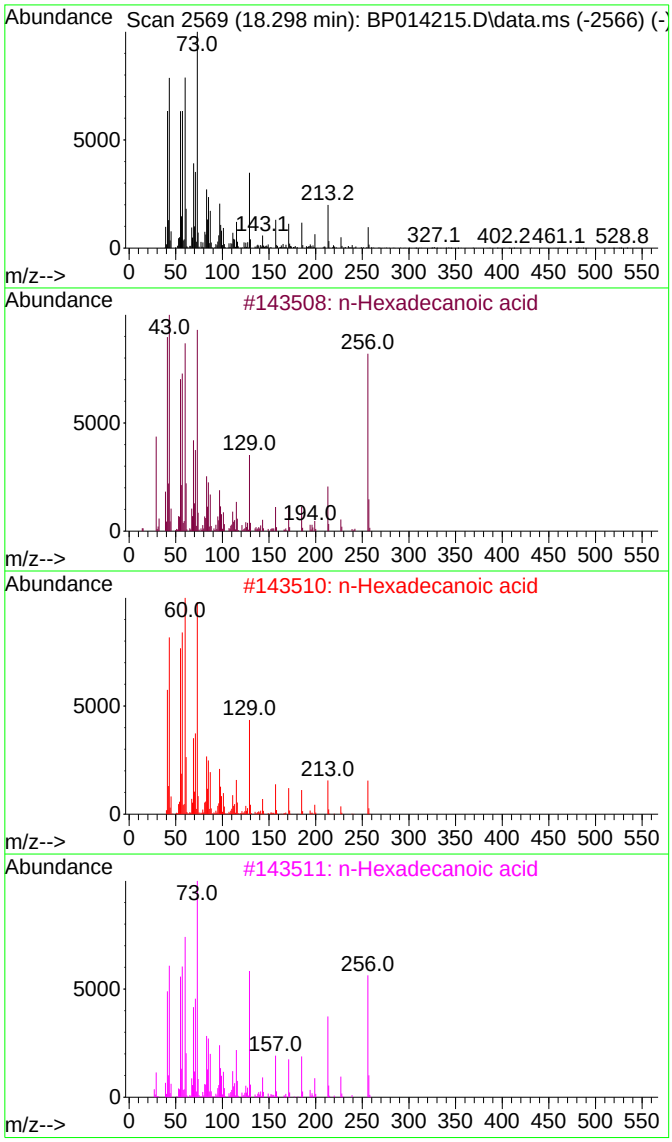
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

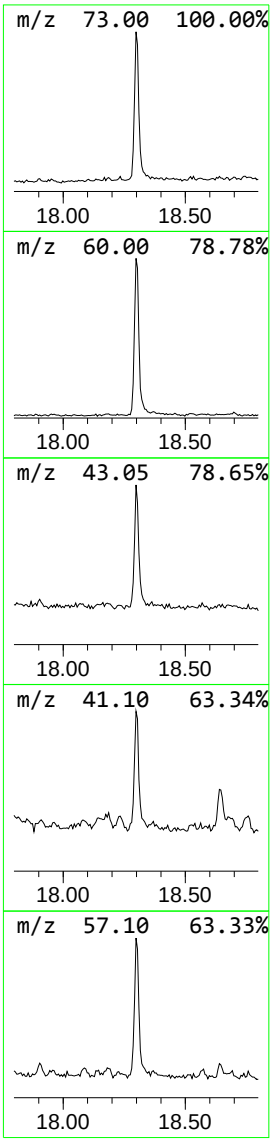
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	4.65 ng/ul	745872	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

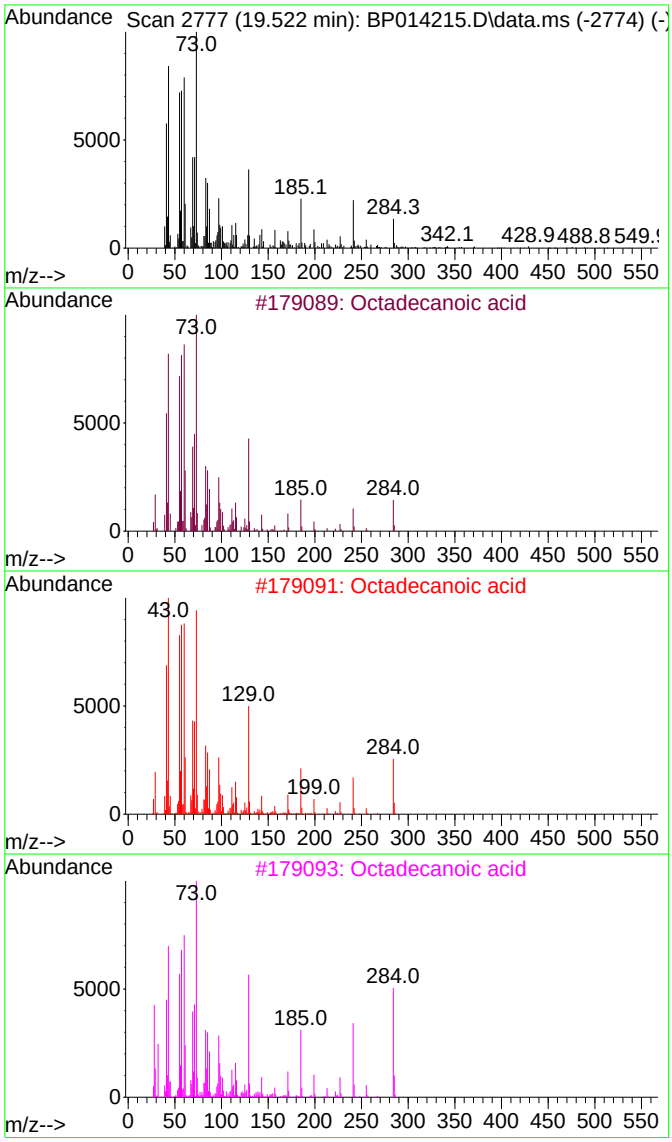
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

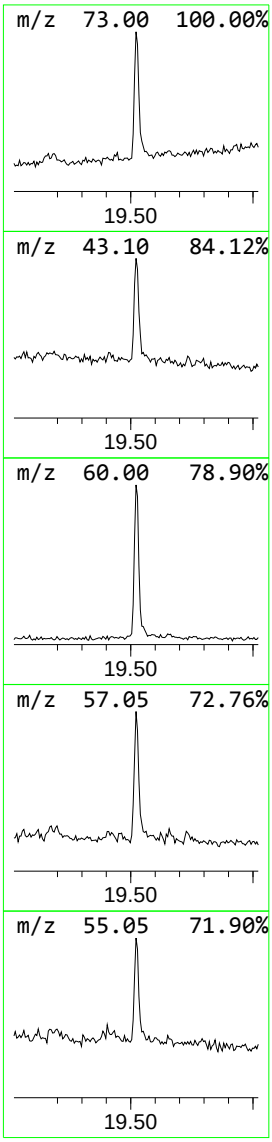
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.522	2.90 ng/ul	377886	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

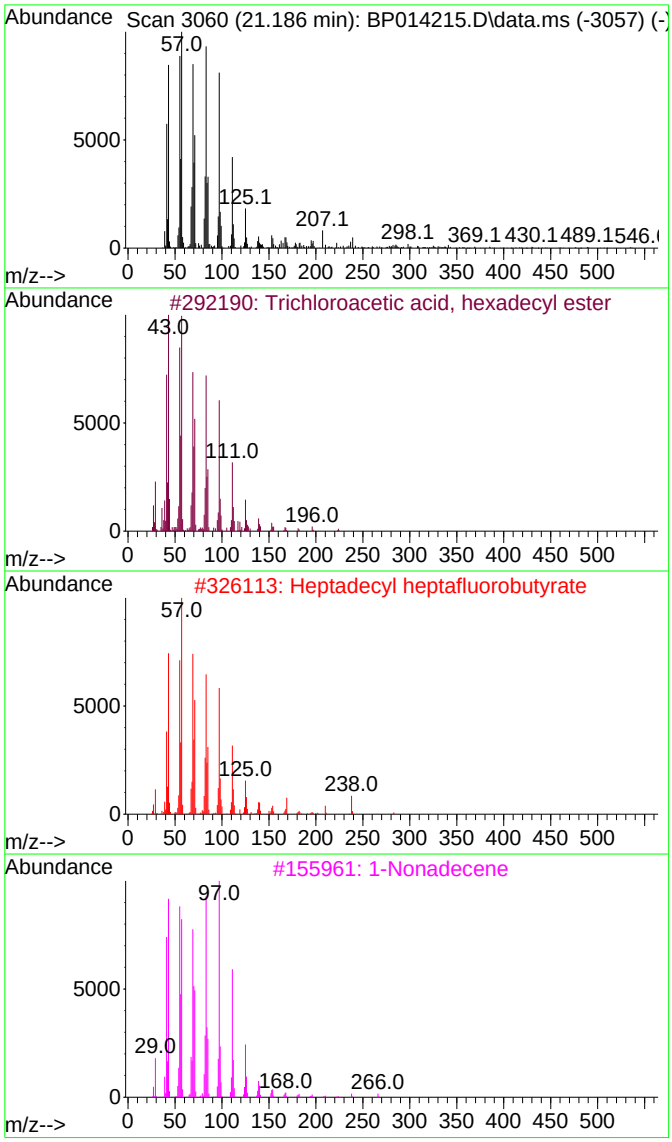
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

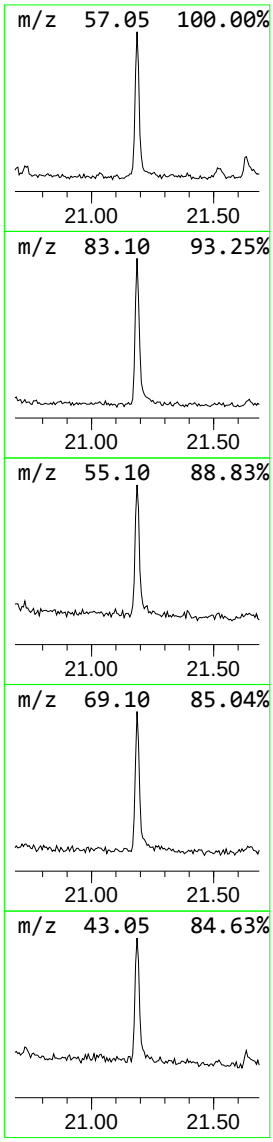
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Trichloroacetic acid, hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	2.90 ng/ul	377808	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Heptacos-1-ene	378	C27H54	015306-27-1	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014215.D
Acq On : 22 Mar 2023 12:05
Operator : CG/JU
Sample : 01956-03
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0236

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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
Butane, 1-bromo-	4.846	2.3	ng/ul	161523	1	8.040	1377860	20.0
Diallyl sulfide	5.469	11.2	ng/ul	774516	1	8.040	1377860	20.0
(DEL) Alkane: S...	6.111	2.9	ng/ul	199186	1	8.040	1377860	20.0
2H-Thiopyran, t...	6.693	2.2	ng/ul	149891	1	8.040	1377860	20.0
Thiepane	8.128	2.6	ng/ul	182543	1	8.040	1377860	20.0
unknown-01	10.363	3.8	ng/ul	496311	2	10.863	2642140	20.0
unknown-02	11.093	8.8	ng/ul	1163470	2	10.863	2642140	20.0
unknown-03	11.322	4.3	ng/ul	572988	2	10.863	2642140	20.0
unknown-04	11.416	12.4	ng/ul	1643830	2	10.863	2642140	20.0
unknown-05	12.734	3.5	ng/ul	466347	2	10.863	2642140	20.0
unknown-06	13.134	2.5	ng/ul	346260	3	14.681	2767620	20.0
unknown-07	13.363	2.0	ng/ul	278654	3	14.681	2767620	20.0
unknown-08	13.610	3.5	ng/ul	490885	3	14.681	2767620	20.0
Acetic acid, (2...	13.957	2.0	ng/ul	279803	3	14.681	2767620	20.0
Benzoic acid, 2...	14.751	3.4	ng/ul	475614	3	14.681	2767620	20.0
n-Hexadecanoic ...	18.298	4.7	ng/ul	745872	4	17.439	3204620	20.0
Octadecanoic acid	19.522	2.9	ng/ul	377886	5	21.516	2605300	20.0
Trichloroacetic...	21.186	2.9	ng/ul	377808	5	21.516	2605300	20.0