LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018858.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	25	29	35	rBV	70756	91165	0.10%	0.029%
2	3.675	96	100	113	rBV	900160	1353932	1.55%	0.431%
3	5.140	342	349	358	rVB	3545402	5380816	6.17%	1.715%
4	7.005	659	666	682	rVB	1199670	1951143	2.24%	0.622%
5	7.169	688	694	706	rVB	1054635	1628659	1.87%	0.519%
6	7.363	720	727	737	rBV	1255030	1955122	2.24%	0.623%
7	7.446	737	741	752	rVB	57313	95243	0.11%	0.030%
8	7.722	780	788	796	rVB	2304185	3828224	4.39%	1.220%
9	7.899	799	818	823	rBV	28069850	87267329	100.00%	27.808%
10	8.187	858	867	875	rBV	11005972	18161152	20.81%	5.787%
11	8.546	920	928	934	rBV	1448573	2346377	2.69%	0.748%
12	8.599	934	937	944	rVB	91207	139507	0.16%	0.044%
13	8.993	997	1004	1012	rBV	1105600	1784266	2.04%	0.569%
14	9.322	1052	1060	1067	rBV	1104711	1774291	2.03%	0.565%
15	9.552	1092	1099	1103	rBV	376786	618782	0.71%	0.197%
16	9.599	1103	1107	1109	rVV	343132	562844	0.64%	0.179%
17	9.634	1109	1113	1120	rVV	516384	982485	1.13%	0.313%
18	9.710	1120	1126	1132	rVV	749715	1238212	1.42%	0.395%
19	9.769	1132	1136	1145	rVB	149083	234659	0.27%	0.075%
20	10.005	1169	1176	1183	rVB	111935	207698	0.24%	0.066%
21	10.252	1210	1218	1226	rBV	1200323	2061744	2.36%	0.657%
22	10.322	1226	1230	1236	rVB	49941	88434	0.10%	0.028%
23	10.522	1250	1264	1269	rBV	29164860	74983283	85.92%	23.894%
24	10.634	1276	1283	1293	rVB	1036654	1627119	1.86%	0.518%
25	10.769	1299	1306	1319	rBV	1117365	1963925	2.25%	0.626%
26	11.022	1339	1349	1356	rBV	17359845	31892738	36.55%	10.163%
27	11.910	1490	1500	1508	rVB3	40726	105401	0.12%	0.034%
28	12.187	1541	1547	1558	rVB2	111492	218873	0.25%	0.070%
29	12.363	1572	1577	1584	rBV	136392	224336	0.26%	0.071%
30	12.616	1614	1620	1622	rBV	537376	781720	0.90%	0.249%
31	12.651	1622	1626	1633	rVV	2061080	3139056	3.60%	1.000%
32	12.722	1633	1638	1645	rVB2	59718	95197	0.11%	0.030%
33	13.263	1722	1730	1741	rBV	7858005	12220743	14.00%	3.894%
34	13.363	1742	1747	1755	rVV2	58651	100904	0.12%	0.032%
35	13.875	1828	1834	1847	rVB	2425286	3304653	3.79%	1.053%
36	14.151	1870	1881	1893	rBV	2808941	4262446	4.88%	1.358%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	14.463	1924	1934	1944	rBV	1701667	2602090	2.98%	0.829%
38	14.663	1962	1968	1981	rBV	817954	1326019	1.52%	0.423%
39	14.775	1981	1987	1993	rVB	1079902	1508983	1.73%	0.481%
40	15.451	2096	2102	2116	rBV	3834420	5373912	6.16%	1.712%
41	15.575	2117	2123	2131	rBV	725658	1012868	1.16%	0.323%
42	17.210	2394	2401	2411	rBV	2140001	2999757	3.44%	0.956%
43	17.310	2411	2418	2428	rBV	3849592	5511726	6.32%	1.756%
44	18.104	2547	2553	2564	rBV	534562	778156	0.89%	0.248%
45	18.545	2625	2628	2636	rVB	75388	103501	0.12%	0.033%
46	19.333	2758	2762	2773	rBV	226629	327719	0.38%	0.104%
47	19.545	2792	2798	2804	rBV	5169638	6631868	7.60%	2.113%
48	19.880	2851	2855	2861	rVB	194416	244389	0.28%	0.078%
49	20.357	2932	2936	2941	rBV	304866	377017	0.43%	0.120%
50	21.016	3044	3048	3058	rBV	374822	740229	0.85%	0.236%
51	21.298	3091	3096	3104	rBV	2947807	3701876	4.24%	1.180%
52	23.504	3464	3471	3486	rVB2	3960461	7805742	8.94%	2.487%
53	23.657	3490	3497	3511	rVB	2032098	4101011	4.70%	1.307%

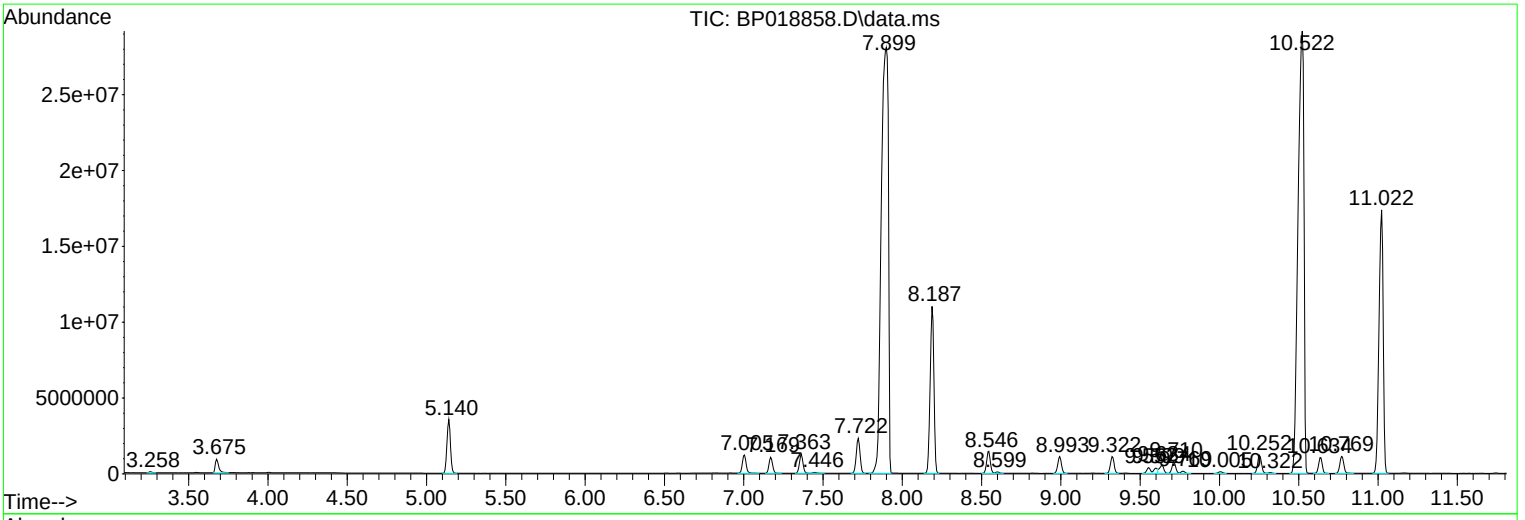
Sum of corrected areas: 313819341

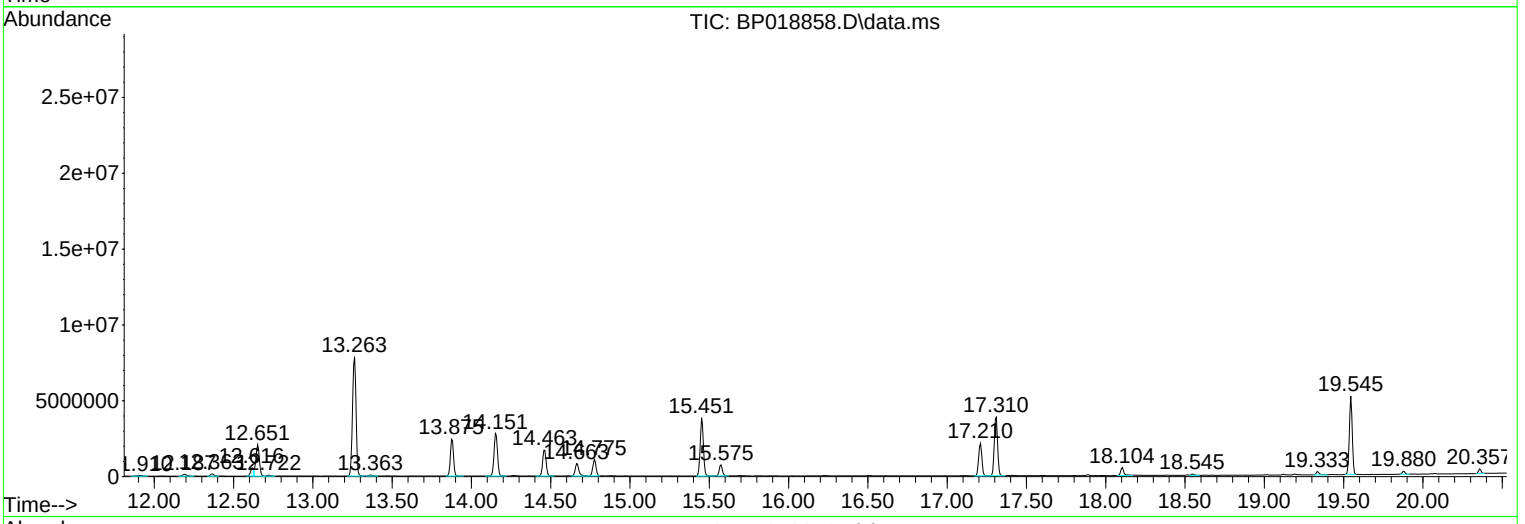
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

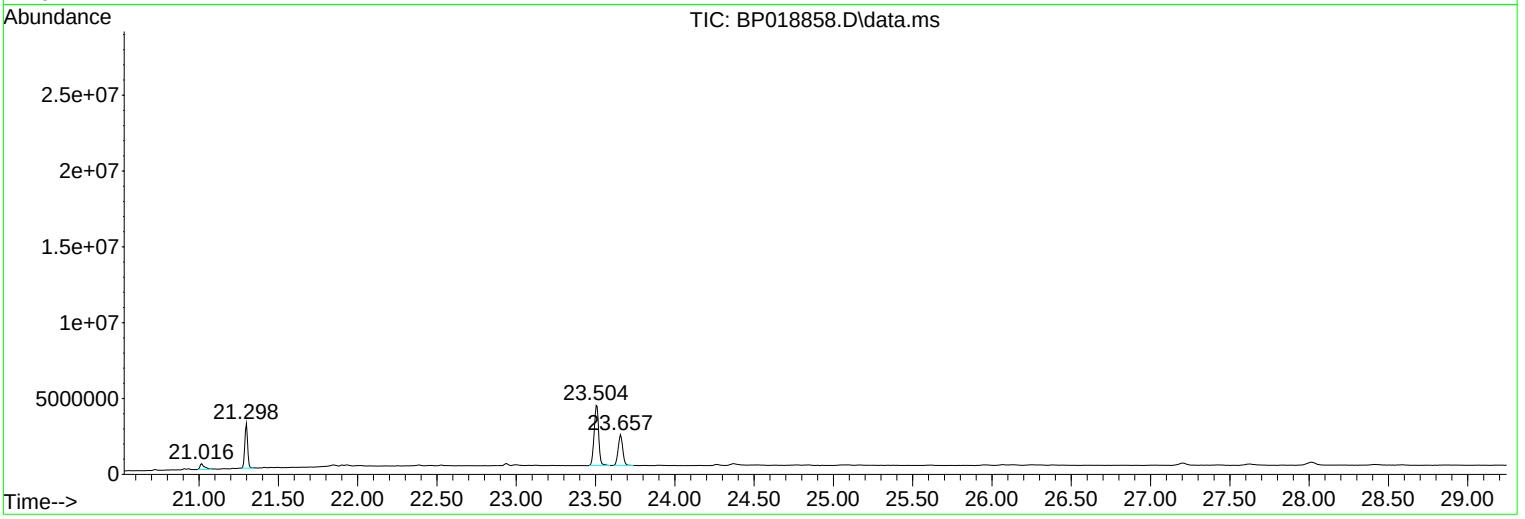
Instrument :
BNA_P
ClientSampleId :
C0AT1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

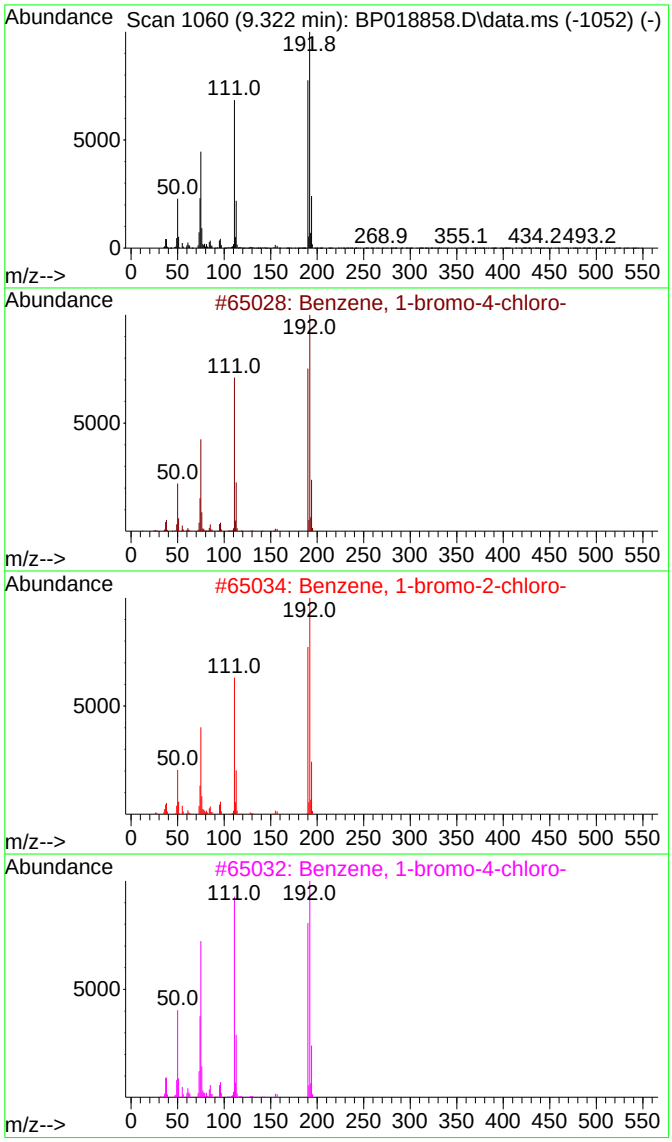
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

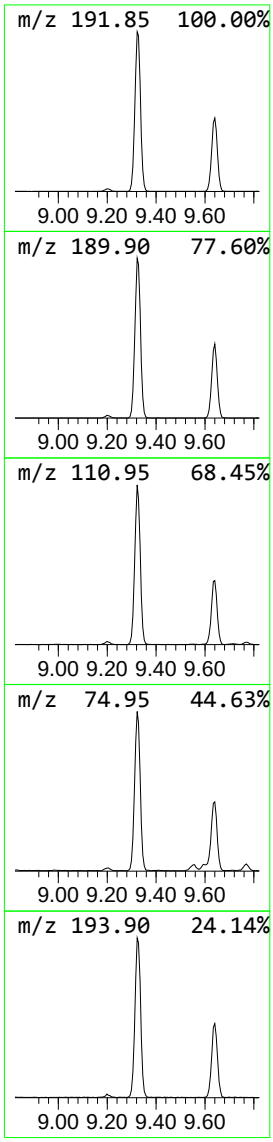
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-bromo-4-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	21.81 ng/ul	1774290	Naphthalene-d8	10.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

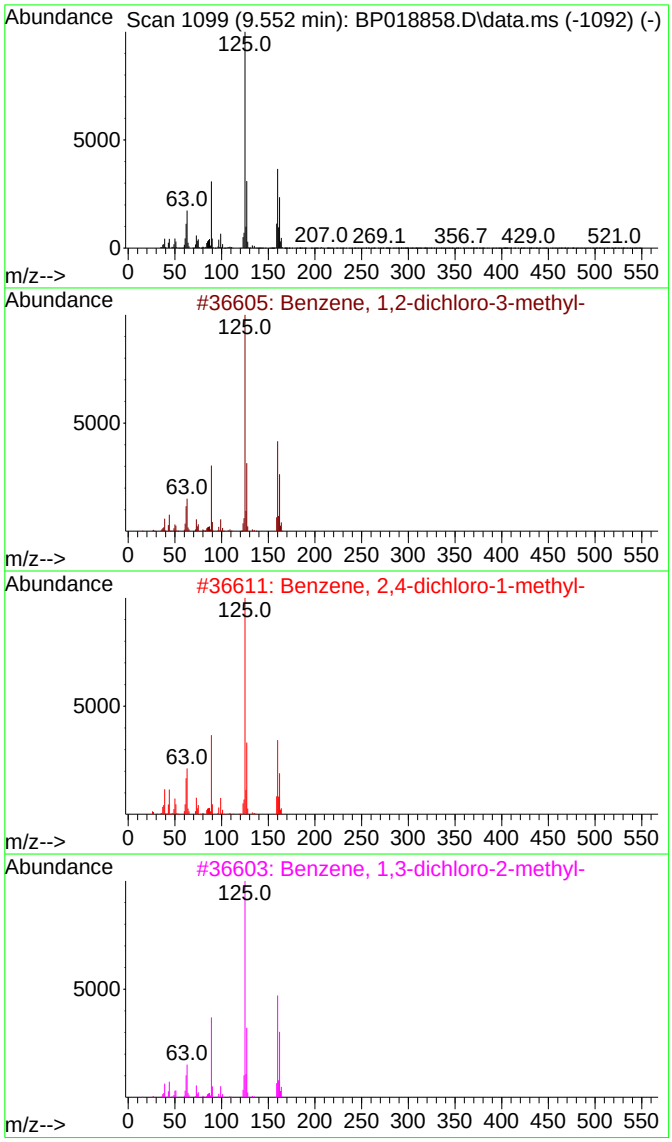
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

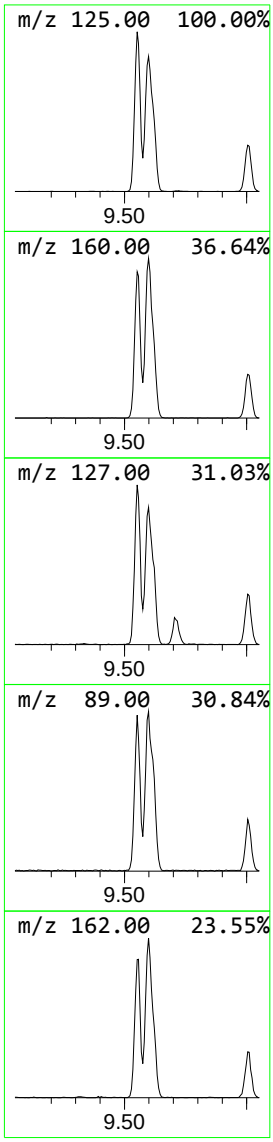
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2-dichloro-3-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.552	7.61 ng/ul	618782	Naphthalene-d8	10.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	97
3	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
4	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
5	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

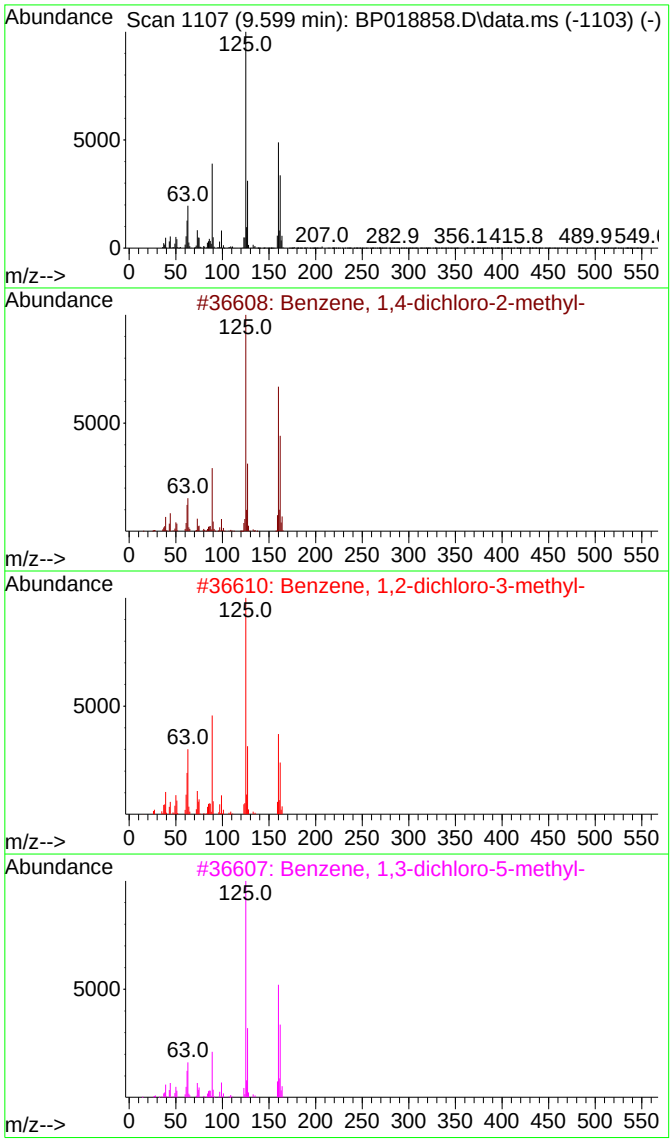
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

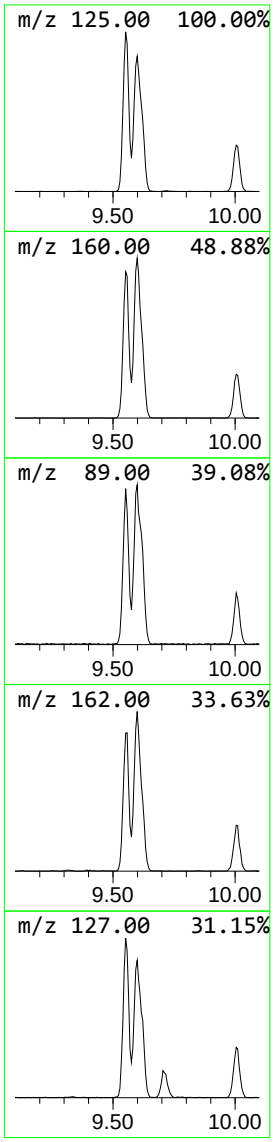
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,4-dichloro-2-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.599	6.92 ng/ul	562844	Naphthalene-d8	10.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
2	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
3	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
4	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

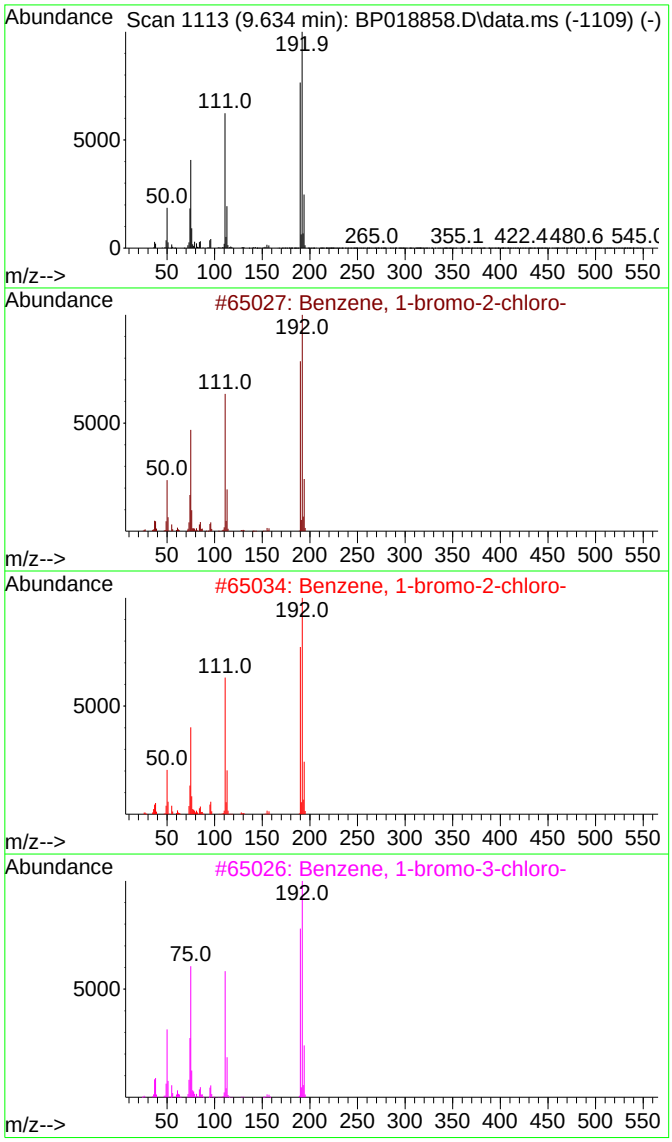
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

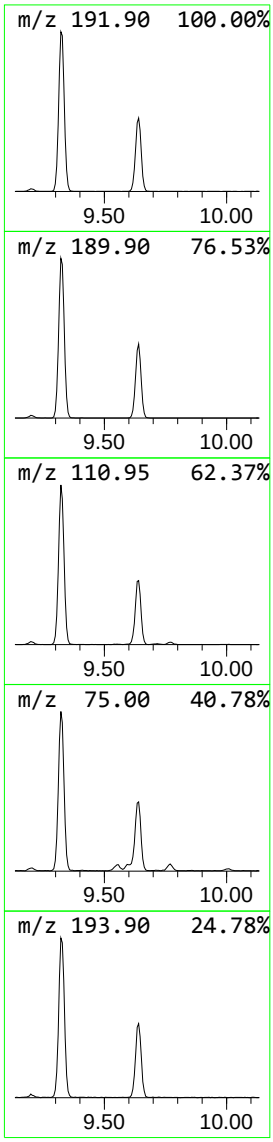
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.634	12.08 ng/ul	982485	Naphthalene-d8	10.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

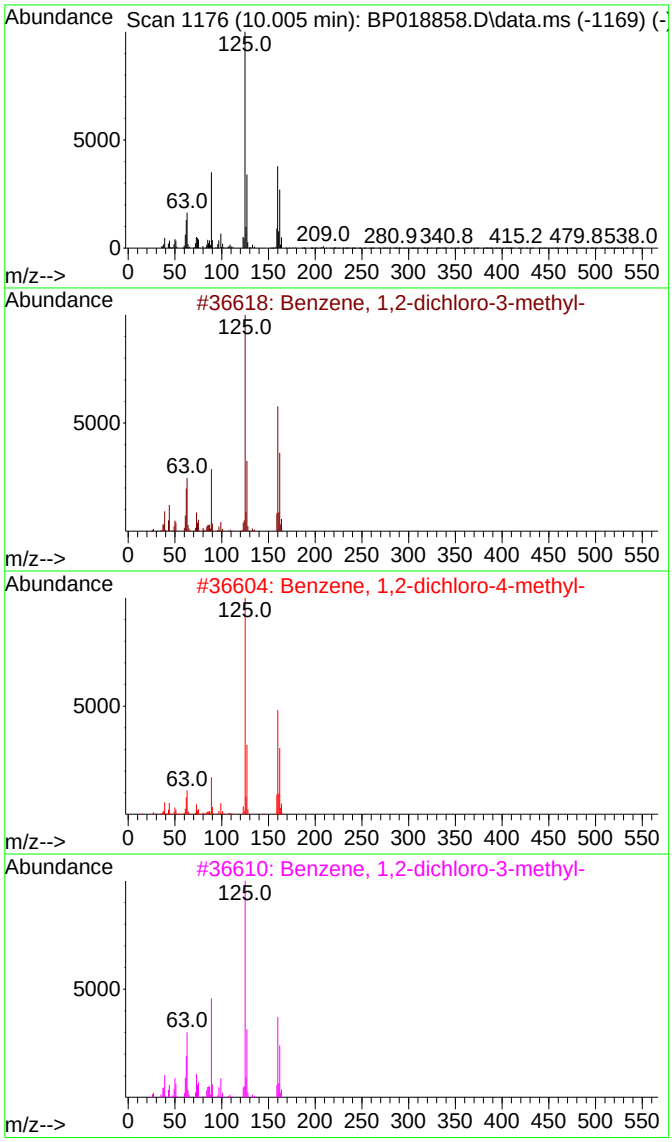
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

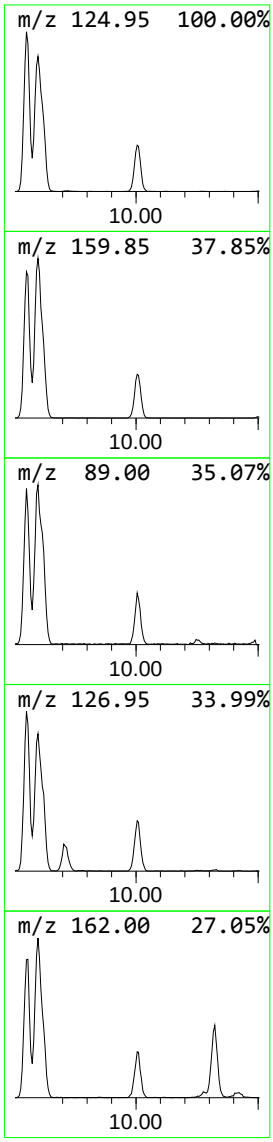
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2-dichloro-4-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.005	2.55 ng/ul	207698	Naphthalene-d8	10.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
2	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97
3	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
4	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

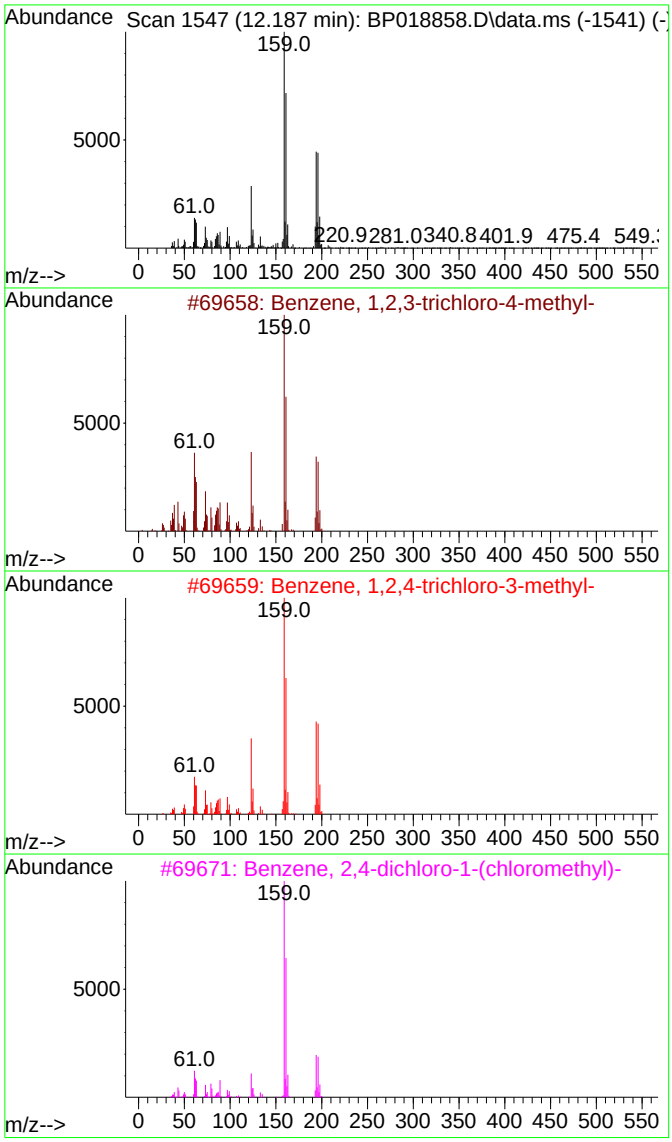
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

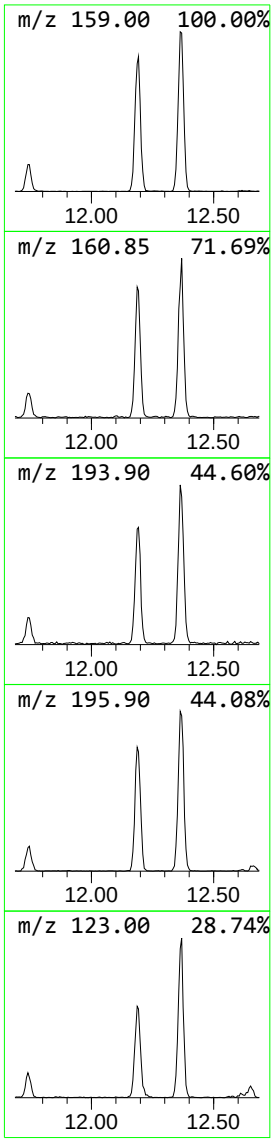
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3-trichloro-4-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.187	2.69 ng/ul	218873	Naphthalene-d8	10.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	98
2	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	96
3	Benzene, 2,4-dichloro-1-(chlorom...	194	C7H5Cl3	000094-99-5	94
4	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	94
5	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

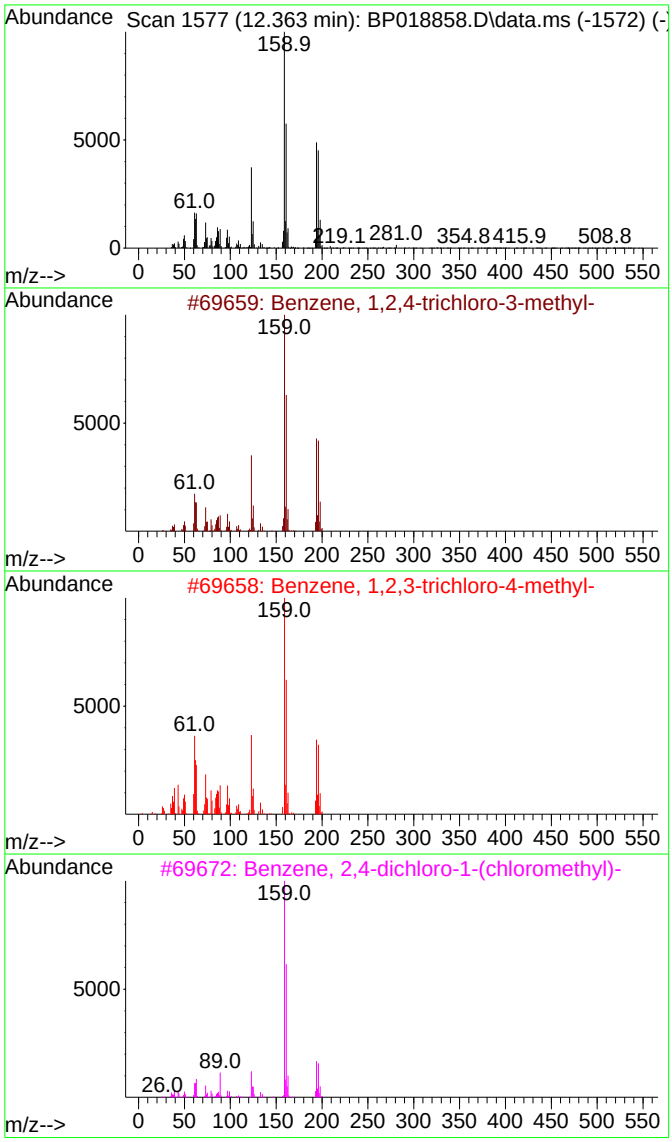
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

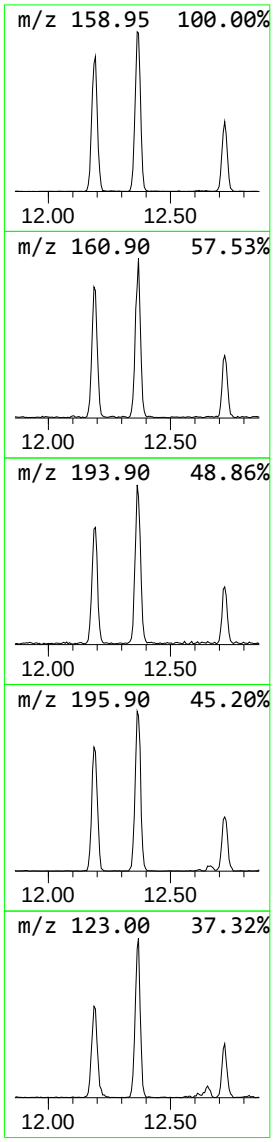
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4-trichloro-3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.76 ng/ul	224336	Naphthalene-d8	10.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	99
2	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	97
3	Benzene, 2,4-dichloro-1-(chlorom...	194	C7H5Cl3	000094-99-5	96
4	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	95
5	Benzene, 1,2-dichloro-4-(chlorom...	194	C7H5Cl3	000102-47-6	91





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Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

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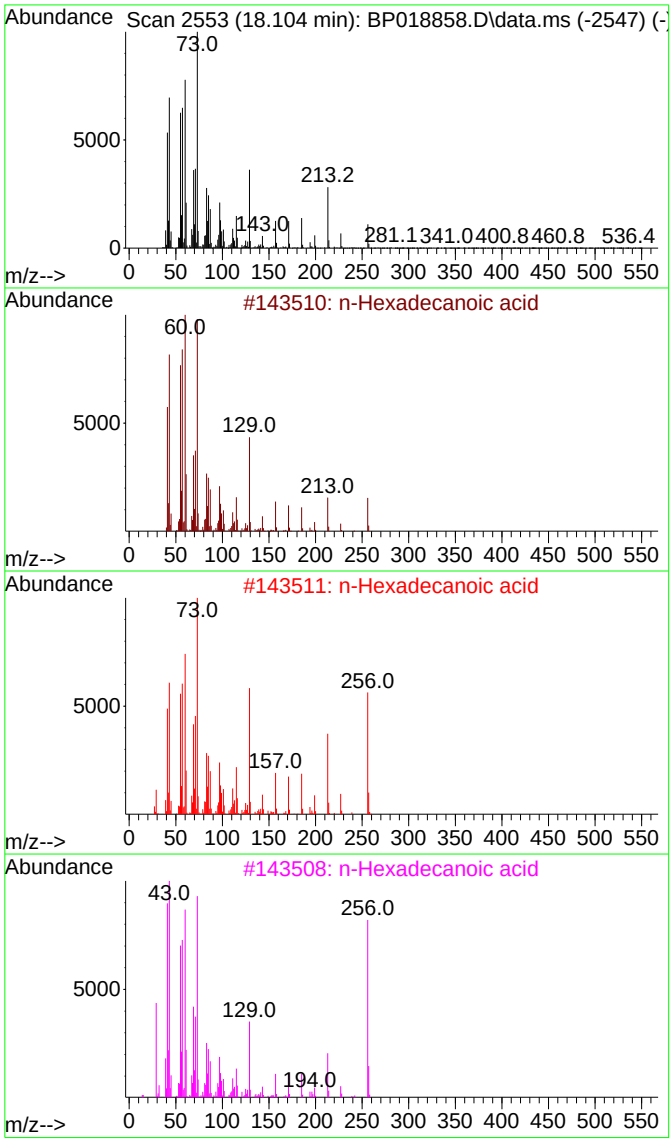
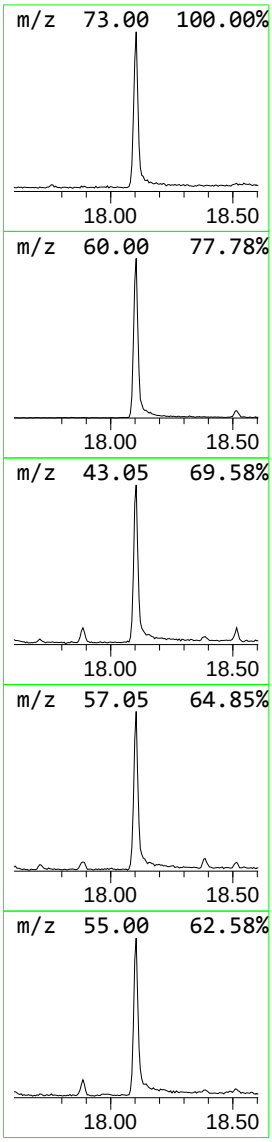
Peak Number 13 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	5.19 ng/ul	778156	Phenanthrene-d10	17.210

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

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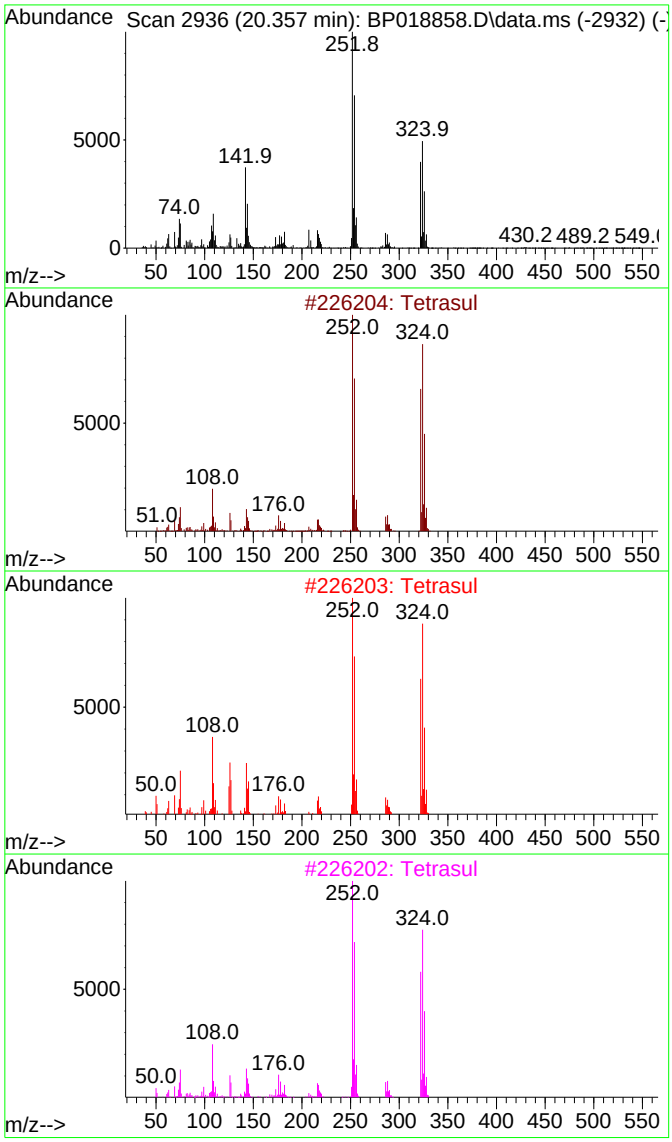
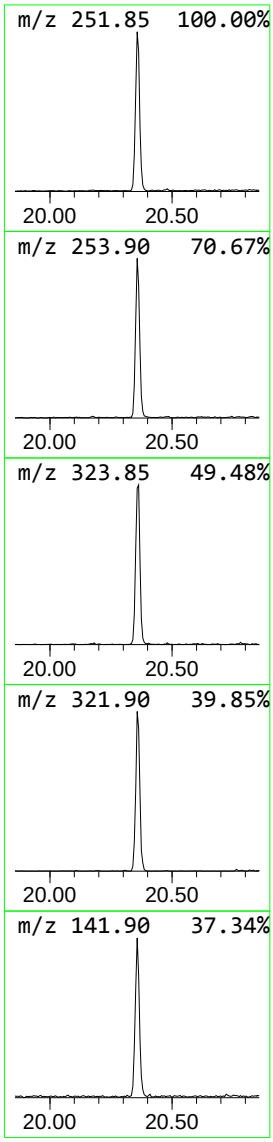
Peak Number 14 Tetrasul Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.357	2.04 ng/ul	377017	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrasul	322	C12H6Cl4S	002227-13-6	99
2	Tetrasul	322	C12H6Cl4S	002227-13-6	95
3	Tetrasul	322	C12H6Cl4S	002227-13-6	95
4	4,6'-Dihydroxy-2,2',4',6-tetrach...	322	C12H6Cl4O2	1000447-97-5	91
5	3,3'-Dichlorobenzidine, N-(2-met...	322	C16H16Cl2N2O	1000461-93-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

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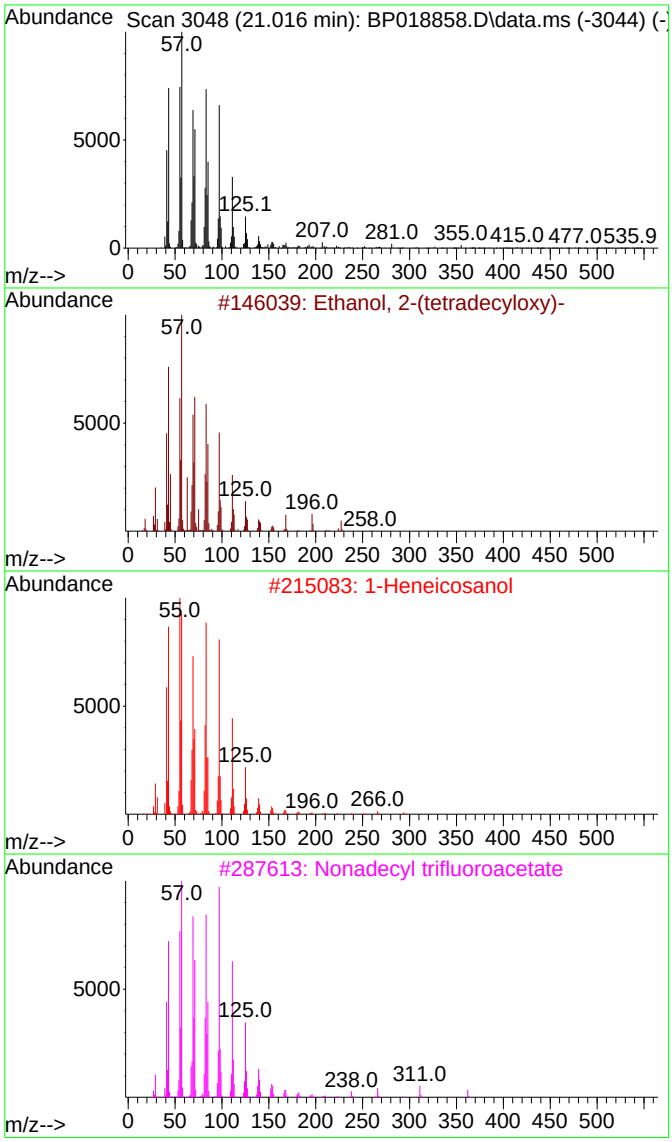
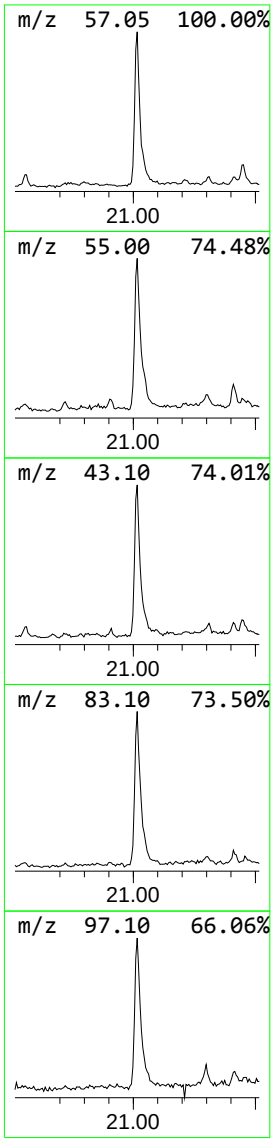
Peak Number 15 Ethanol, 2-(tetradecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.016	4.00 ng/ul	740229	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018858.D
Acq On : 14 Dec 2023 23:47
Operator : MA/JU
Sample : 05752-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AT1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
Benzene, 1-brom...	9.322	21.8	ng/ul	1774290	2	10.634	1627120	20.0
Benzene, 1,2-di...	9.552	7.6	ng/ul	618782	2	10.634	1627120	20.0
Benzene, 1,4-di...	9.599	6.9	ng/ul	562844	2	10.634	1627120	20.0
Benzene, 1-brom...	9.634	12.1	ng/ul	982485	2	10.634	1627120	20.0
Benzene, 1,2-di...	10.005	2.5	ng/ul	207698	2	10.634	1627120	20.0
Benzene, 1,2,3-...	12.187	2.7	ng/ul	218873	2	10.634	1627120	20.0
Benzene, 1,2,4-...	12.363	2.8	ng/ul	224336	2	10.634	1627120	20.0
n-Hexadecanoic ...	18.104	5.2	ng/ul	778156	4	17.210	2999760	20.0
Tetrasul	20.357	2.0	ng/ul	377017	5	21.298	3701880	20.0
Ethanol, 2-(tet...	21.016	4.0	ng/ul	740229	5	21.298	3701880	20.0