LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120522\
Data File : BP012953.D
Acq On : 05 Dec 2022 15:31
Operator : CG/JU
Sample : N5738-15DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GBNJ4DL2

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-BP120122.M
Title : SVOA CALIBRATION

Signal : TIC: BP012956.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.011	812	820	830	rVB	2014556	3177492	3.73%	1.725%
2	10.828	1291	1299	1310	rBV	3046957	5130817	6.03%	2.786%
3	14.051	1839	1847	1852	rBV	72623	112483	0.13%	0.061%
4	14.340	1891	1896	1905	rVB	60492	100370	0.12%	0.055%
5	14.651	1941	1949	1964	rBV	4857429	7550784	8.87%	4.100%
6	15.275	2043	2055	2086	rVV	23861043	38882611	45.67%	21.115%
7	15.640	2112	2117	2125	rVB	111895	177474	0.21%	0.096%
8	16.710	2291	2299	2306	rBV3	43746	85259	0.10%	0.046%
9	17.063	2350	2359	2363	rBV2	31548734	85143204	100.00%	46.236%
10	17.175	2374	2378	2409	rVB	632086	1572507	1.85%	0.854%
11	17.416	2411	2419	2426	rVB	6321750	8949277	10.51%	4.860%
12	17.510	2431	2435	2446	rVB2	115715	184016	0.22%	0.100%
13	17.951	2505	2510	2517	rBV2	96794	142698	0.17%	0.077%
14	18.269	2560	2564	2573	rBV	130328	202555	0.24%	0.110%
15	19.369	2747	2751	2754	rBV2	85088	112675	0.13%	0.061%
16	19.733	2809	2813	2821	rBV	128651	201802	0.24%	0.110%
17	19.892	2837	2840	2844	rBV4	80428	102191	0.12%	0.055%
18	20.186	2886	2890	2894	rBV2	201414	235274	0.28%	0.128%
19	21.492	3107	3112	3120	rBV	6279783	8337710	9.79%	4.528%
20	22.580	3293	3297	3303	rBV	544467	916373	1.08%	0.498%
21	23.951	3524	3530	3534	rBV	3126532	5753123	6.76%	3.124%
22	24.010	3534	3540	3548	rVB2	3309478	7299765	8.57%	3.964%
23	24.098	3549	3555	3560	rBV	1534255	2915974	3.42%	1.583%
24	25.892	3853	3860	3889	rVB4	1572190	6864565	8.06%	3.728%

Sum of corrected areas: 184150999

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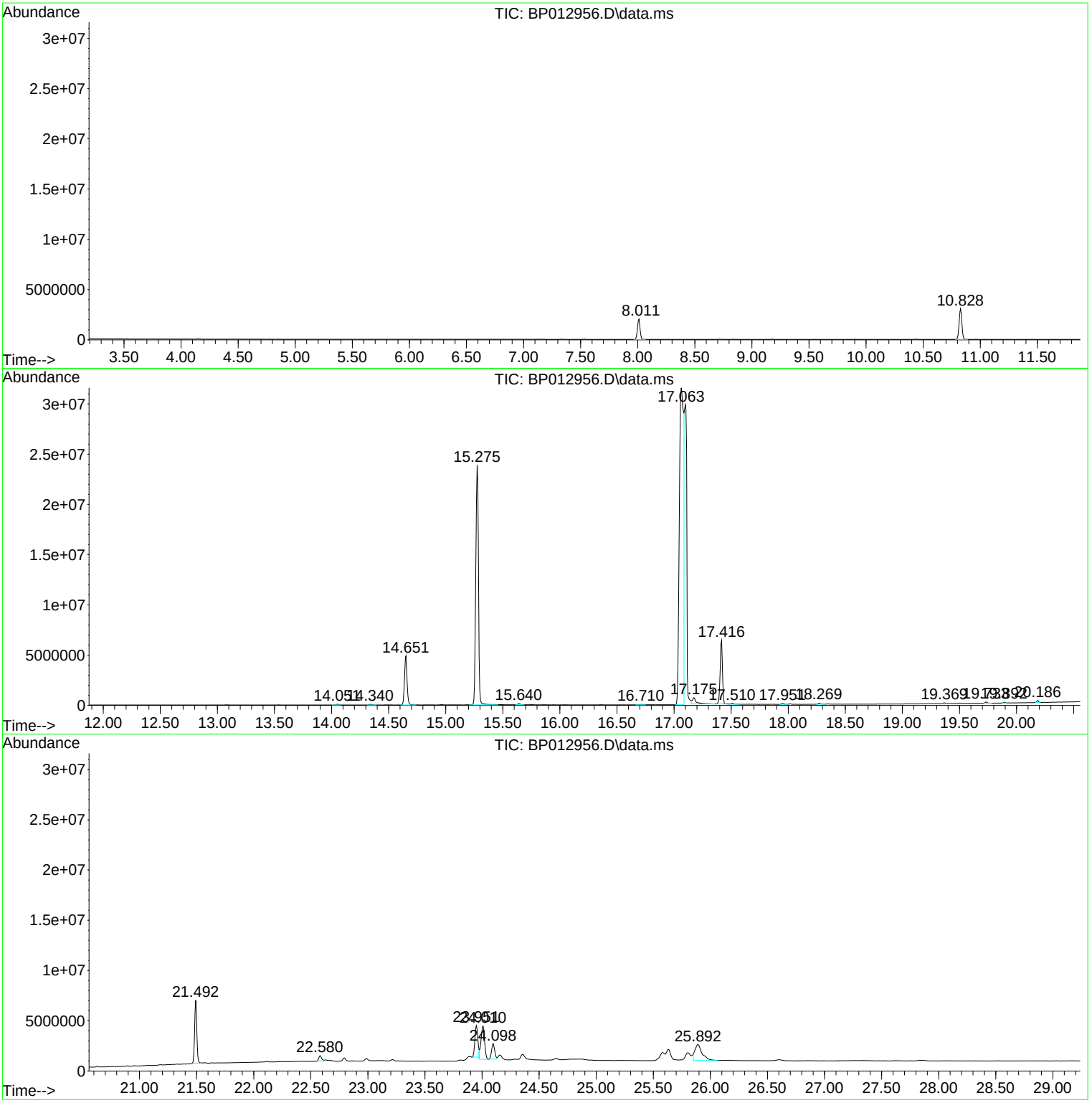
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP012953.D
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Operator : CG/JU
Sample : N5738-15DL2 30X
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Instrument :
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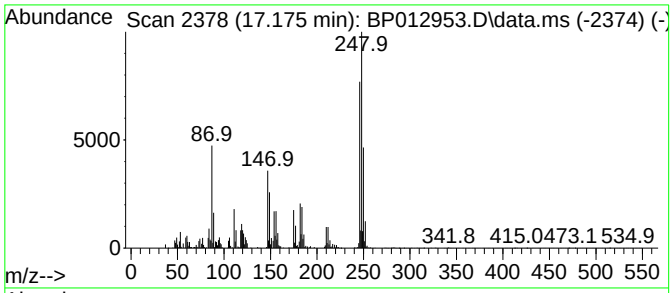
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION

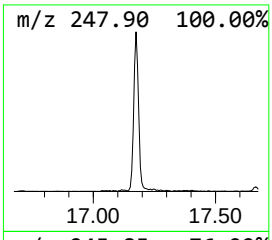
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

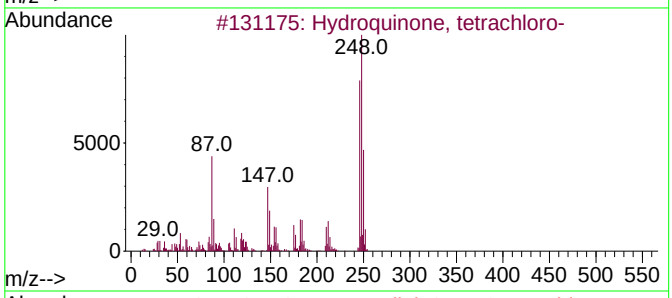
****
Peak Number 1 Hydroquinone, tetrachloro- Concentration Rank 4

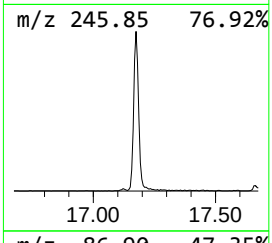
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.175	3.51 ng/ul	1572510	Phenanthrene-d10	17.416

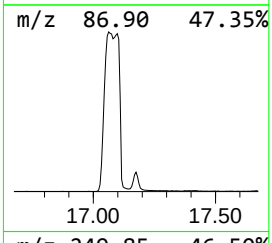
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	95
2	1,2-Benzenediol, 3,4,5,6-tetrach...	246	C6H2Cl4O2	001198-55-6	93
3	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	93
4	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	87
5	5-Amino-4,6,8-trichloroquinoline	246	C9H5Cl3N2	1000252-19-9	49

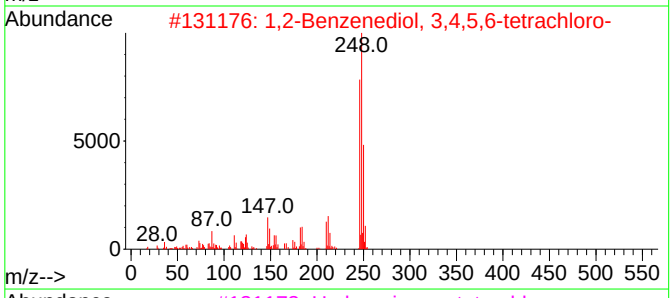


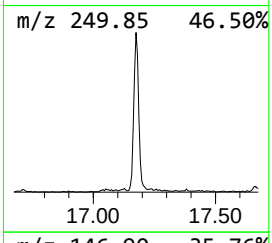


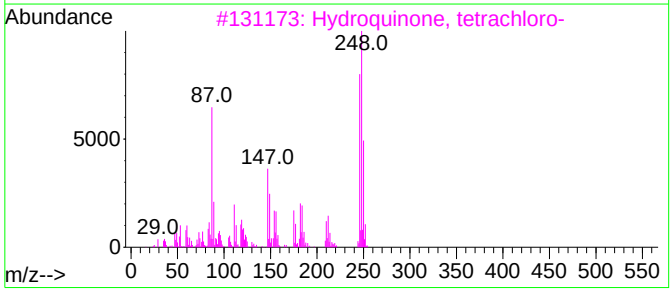


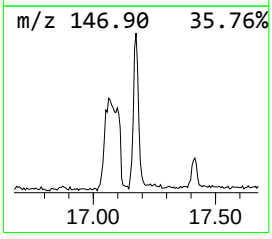












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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GBNJ4DL2

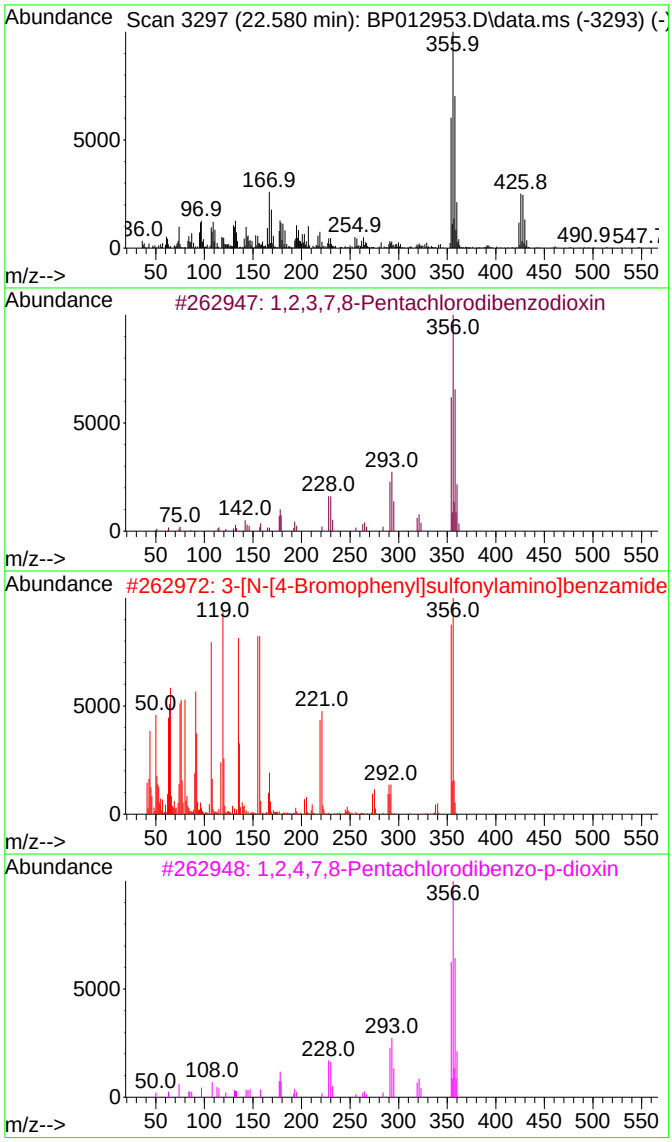
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION

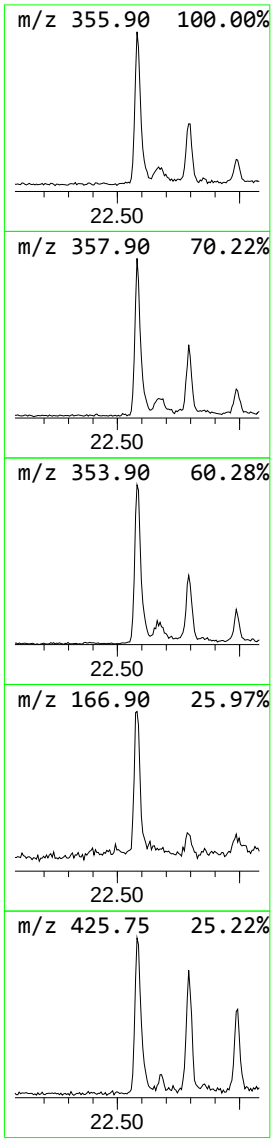
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,2,3,7,8-Pentachlorodibenz... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.580	2.20 ng/ul	916373	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,7,8-Pentachlorodibenzodioxin	354	C12H3Cl5O2	040321-76-4	94
2	3-[N-[4-Bromophenyl]sulfonylamin...	354	C13H11BrN2O3S	1000211-83-6	91
3	1,2,4,7,8-Pentachlorodibenzo-p-d...	354	C12H3Cl5O2	058802-08-7	86
4	4-Hydroxy-2,2',3',4',5'-pentachl...	354	C13H7Cl5O	1000447-88-3	70
5	4-Hydroxy-2,2',3',5',6'-pentachl...	354	C13H7Cl5O	1000447-88-4	70





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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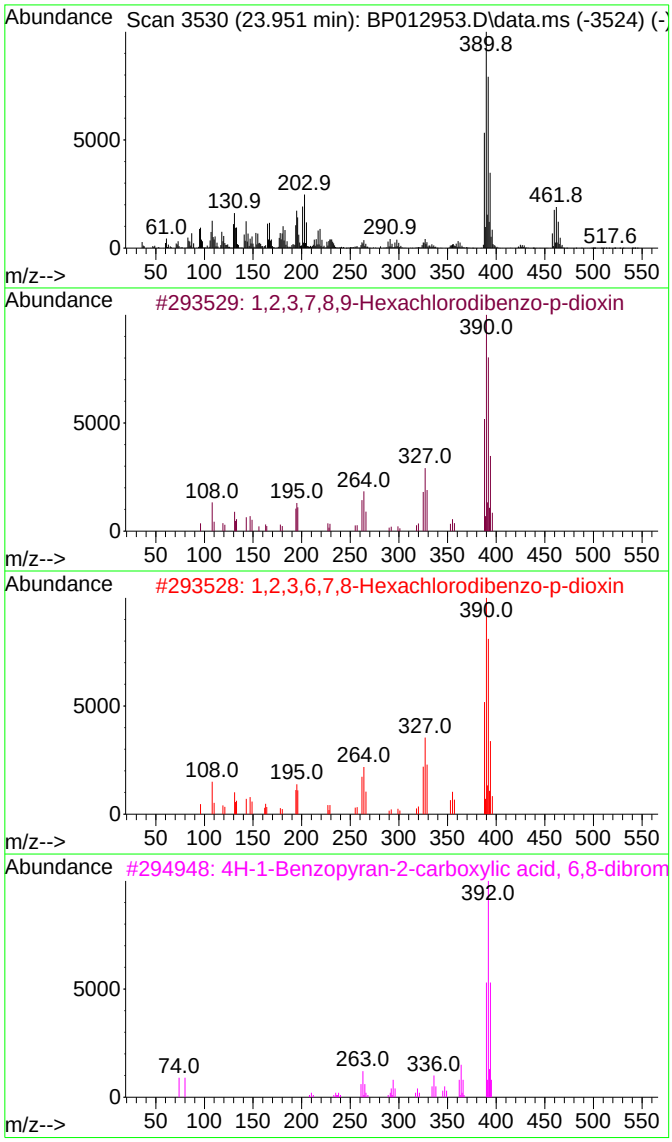
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION

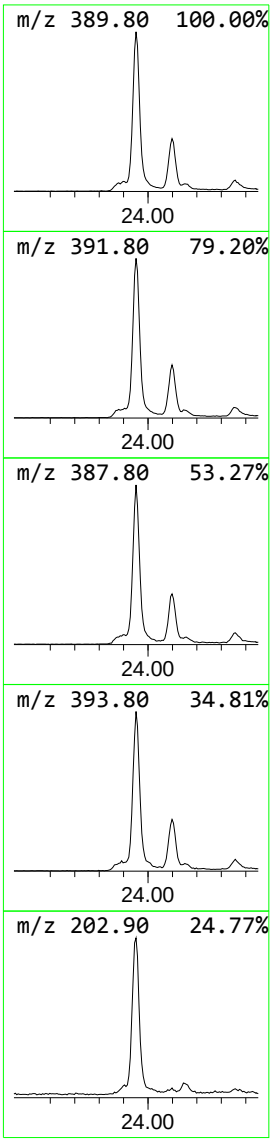
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,2,3,7,8,9-Hexachlorodiben... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.951	15.76 ng/ul	5753120	Perylene-d12	24.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,7,8,9-Hexachlorodibenzo-p-...	388	C12H2Cl6O2	019408-74-3	94
2	1,2,3,6,7,8-Hexachlorodibenzo-p-...	388	C12H2Cl6O2	057653-85-7	91
3	4H-1-Benzopyran-2-carboxylic aci...	390	C12H8Br2O5	030113-88-3	38
4	Thieno[2,3-b]thiophene, 2-bromo-...	390	C11H8Br2N2S2	1000268-03-5	35
5	4-(3-Bromopropoxy)-5-methoxy-2-n...	405	C14H20BrNO6Si	1000471-26-2	25





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Instrument :
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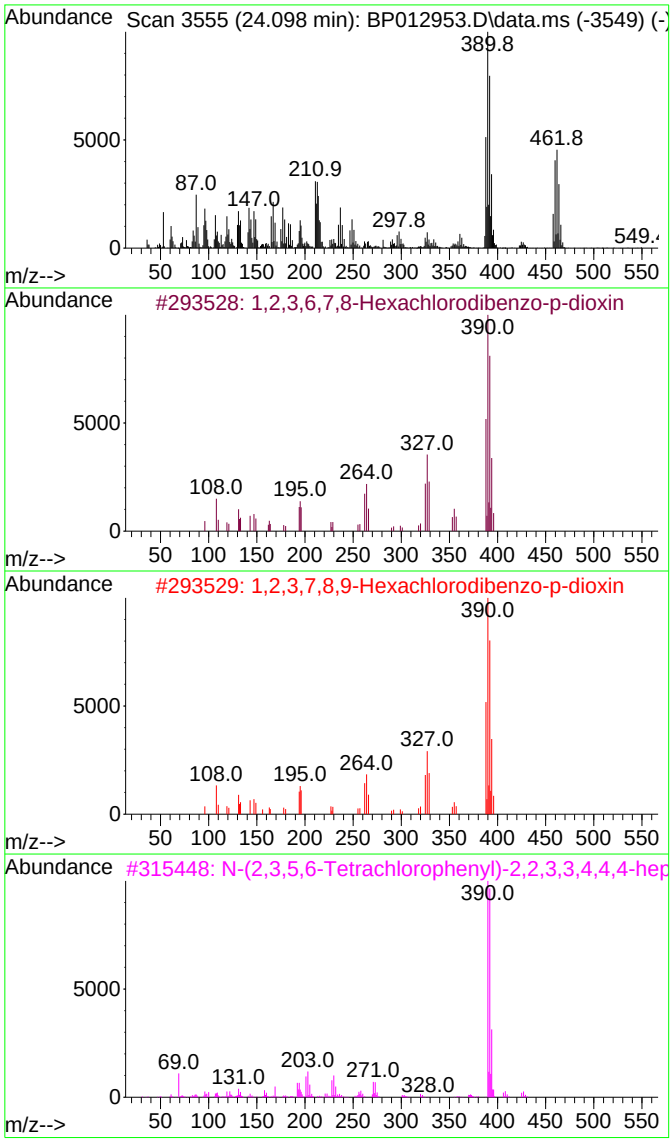
Quant Title : SVOA CALIBRATION

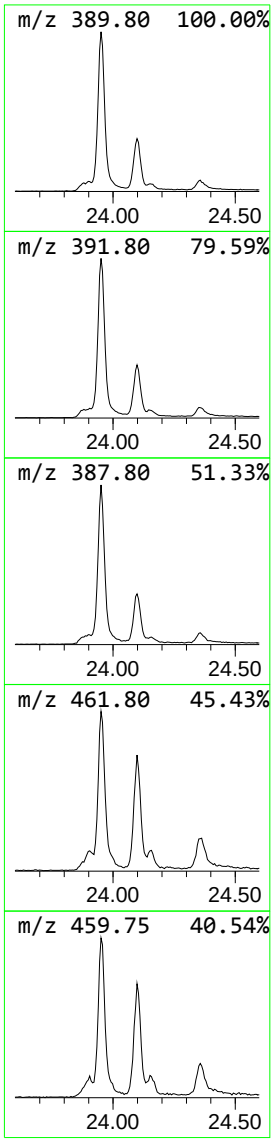
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,2,3,6,7,8-Hexachlorodiben... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.098	7.99 ng/ul	2915970	Perylene-d12	24.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,6,7,8-Hexachlorodibenzo-p-...	388	C12H2Cl6O2	057653-85-7	78
2	1,2,3,7,8,9-Hexachlorodibenzo-p-...	388	C12H2Cl6O2	019408-74-3	60
3	N-(2,3,5,6-Tetrachlorophenyl)-2,...	425	C10H2Cl4F7NO	1000373-25-8	45
4	4H-1-Benzopyran-2-carboxylic aci...	390	C12H8Br2O5	030113-88-3	22
5	Anthra[2,1,9-def:6,5,10-d'E'f']d...	390	C24H10N2O4	1000310-88-9	18





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Quant Title : SVOA CALIBRATION

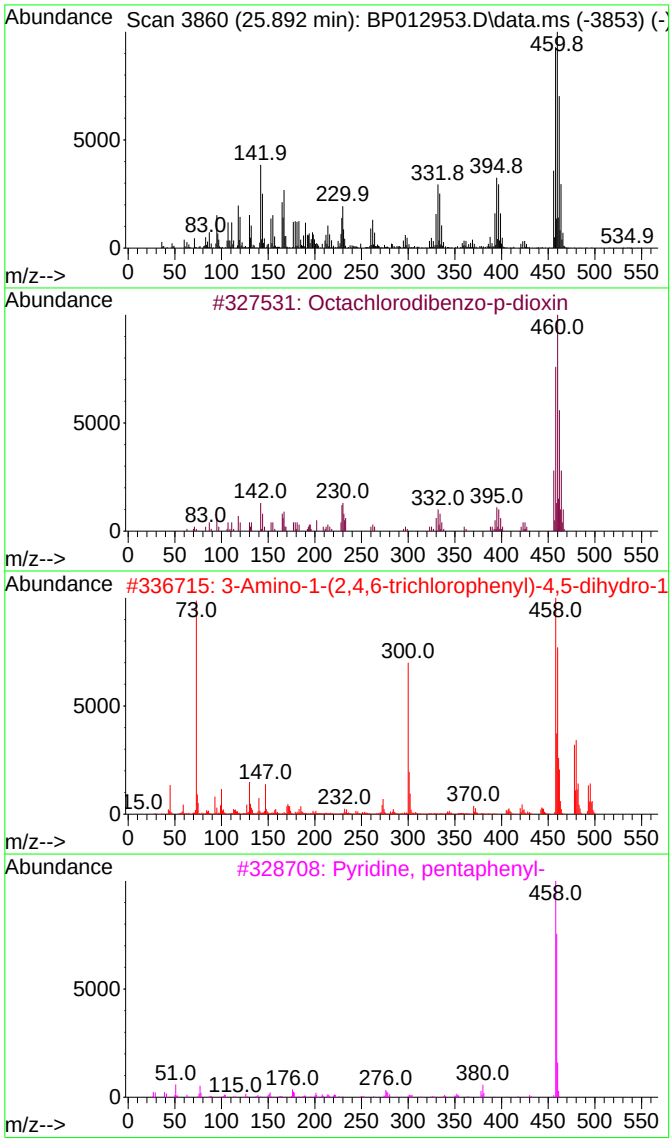
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

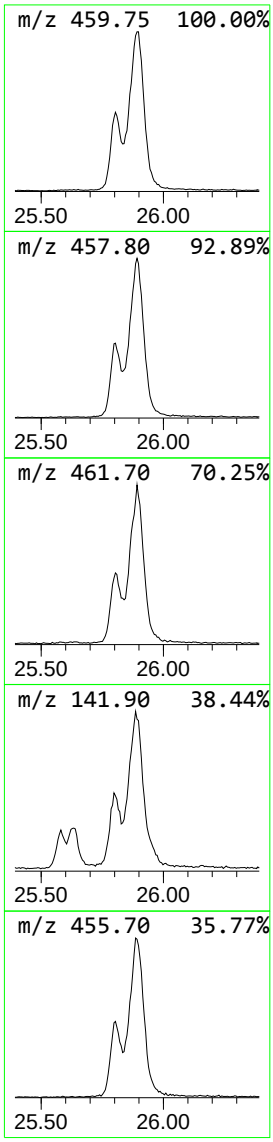
****

Peak Number 5 Octachlorodibenzo-p-dioxin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.892	18.81 ng/ul	6864570	Perylene-d12	24.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	93
2	3-Amino-1-(2,4,6-trichlorophenyl...	493	C18H30Cl3N3OSi3	1000501-27-7	9
3	Pyridine, pentaphenyl-	459	C35H25N	040249-26-1	9
4	1,1':3',1'':3'',1''':3''',1'''':...	458	C36H26	004740-51-6	7
5	phenol, 4-[4,5-bis[4-(dimethylam...	458	C27H30N4O3	1000399-43-0	7





Tentatively Identified Compound (LSC) summary

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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
Hydroquinone, t...	17.175	3.5	ng/ul	1572510	4	17.416	8949280	20.0
1,2,3,7,8-Penta...	22.580	2.2	ng/ul	916373	5	21.492	8337710	20.0
1,2,3,7,8,9-Hex...	23.951	15.8	ng/ul	5753120	6	24.010	7299770	20.0
1,2,3,6,7,8-Hex...	24.098	8.0	ng/ul	2915970	6	24.010	7299770	20.0
Octachlorodiben...	25.892	18.8	ng/ul	6864570	6	24.010	7299770	20.0