LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

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-BP012925.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP024050.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	10	rBV	740682	791710	16.36%	1.995%
2	3.158	10	12	14	rVV	433348	433208	8.95%	1.092%
3	3.181	14	16	19	rVV	673378	676138	13.98%	1.704%
4	3.217	19	22	27	rVB	3739475	3845548	79.49%	9.690%
5	3.552	76	79	87	rVB	38190	47048	0.97%	0.119%
6	4.017	154	158	162	rVB	31469	38879	0.80%	0.098%
7	4.152	178	181	186	rVB	15680	17158	0.35%	0.043%
8	4.205	186	190	194	rBV	17660	23136	0.48%	0.058%
9	4.305	204	207	211	rBV5	7314	9410	0.19%	0.024%
10	4.346	211	214	219	rVB3	8195	11503	0.24%	0.029%
11	6.563	585	591	596	rBV10	4157	6777	0.14%	0.017%
12	7.758	787	794	806	rBV	1951922	3041251	62.86%	7.663%
13	10.528	1257	1265	1277	rBV	2386987	3954339	81.74%	9.964%
14	12.557	1605	1610	1617	rVB10	2915	7081	0.15%	0.018%
15	13.210	1715	1721	1728	rBV7	4702	11374	0.24%	0.029%
16	14.375	1912	1919	1939	rBV	2984898	4694882	97.04%	11.830%
17	15.398	2088	2093	2096	rBV7	2693	4900	0.10%	0.012%
18	15.951	2184	2187	2193	rVB7	4719	7665	0.16%	0.019%
19	16.381	2257	2260	2265	rBV4	7168	9897	0.20%	0.025%
20	16.657	2302	2307	2308	rBV4	4662	7594	0.16%	0.019%
21	16.816	2330	2334	2335	rBV4	4719	5526	0.11%	0.014%
22	16.951	2352	2357	2364	rVB2	11854	20543	0.42%	0.052%
23	17.045	2369	2373	2377	rBV5	13151	17578	0.36%	0.044%
24	17.163	2387	2393	2405	rBV2	3465526	4837940	100.00%	12.190%
25	17.345	2422	2424	2429	rVB6	5929	8467	0.18%	0.021%
26	17.775	2493	2497	2509	rVB9	14679	35820	0.74%	0.090%
27	17.910	2517	2520	2527	rVB9	10903	18759	0.39%	0.047%
28	18.269	2576	2581	2588	rBV	376622	528154	10.92%	1.331%
29	18.333	2588	2592	2597	rVV	83154	110105	2.28%	0.277%
30	18.381	2597	2600	2607	rVB8	17881	22194	0.46%	0.056%
31	18.569	2627	2632	2637	rBV	148808	208357	4.31%	0.525%
32	18.745	2658	2662	2667	rVB	43107	57690	1.19%	0.145%
33	19.063	2712	2716	2720	rBV2	48734	74401	1.54%	0.187%
34	19.122	2721	2726	2728	rVV	241067	361317	7.47%	0.910%
35	19.151	2728	2731	2737	rVB	505827	677963	14.01%	1.708%
36	19.239	2742	2746	2750	rBV	72849	91516	1.89%	0.231%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

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-BP012925.MA.M
Title : SVOA CALIBRATION

37	19.363	2763	2767	2775	rBV2	97658	167930	3.47%	0.423%
38	19.445	2775	2781	2788	rVV	596490	980279	20.26%	2.470%
39	19.510	2788	2792	2797	rBV	205294	276205	5.71%	0.696%
40	19.639	2811	2814	2818	rBV5	29718	36269	0.75%	0.091%
41	19.716	2822	2827	2834	rVV2	186925	270323	5.59%	0.681%
42	19.798	2837	2841	2846	rVB	290324	374178	7.73%	0.943%
43	19.851	2846	2850	2853	rBV2	79863	103272	2.13%	0.260%
44	19.910	2853	2860	2865	rVV	651449	864260	17.86%	2.178%
45	20.057	2879	2885	2887	rBV4	58787	113605	2.35%	0.286%
46	20.180	2902	2906	2910	rBV3	231109	321840	6.65%	0.811%
47	20.227	2910	2914	2920	rVB	492711	613576	12.68%	1.546%
48	20.469	2951	2955	2960	rBV2	269521	338074	6.99%	0.852%
49	20.527	2961	2965	2967	rBV2	152659	209373	4.33%	0.528%
50	20.551	2967	2969	2974	rVB	212843	235287	4.86%	0.593%
51	20.804	3005	3012	3021	rVB2	343217	607390	12.55%	1.530%
52	21.151	3068	3071	3078	rVB5	100024	123980	2.56%	0.312%
53	21.604	3142	3148	3155	rBV	3364923	4802636	99.27%	12.101%
54	24.951	3709	3717	3734	rVB3	1515602	4533427	93.71%	11.423%

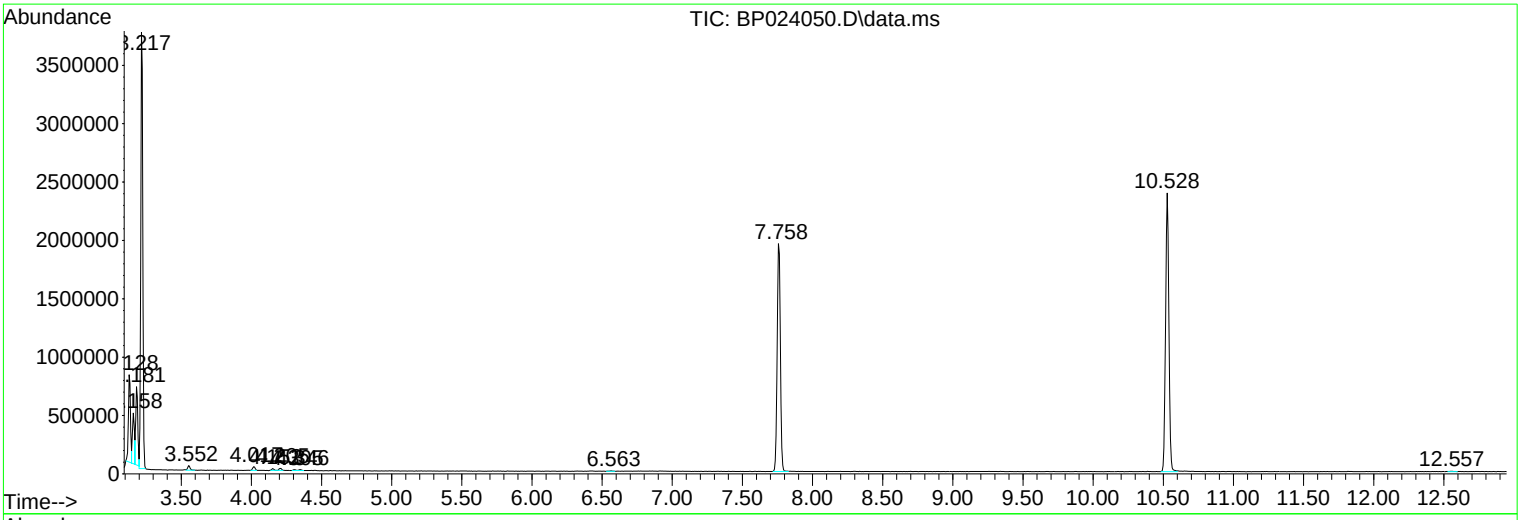
Sum of corrected areas: 39687732

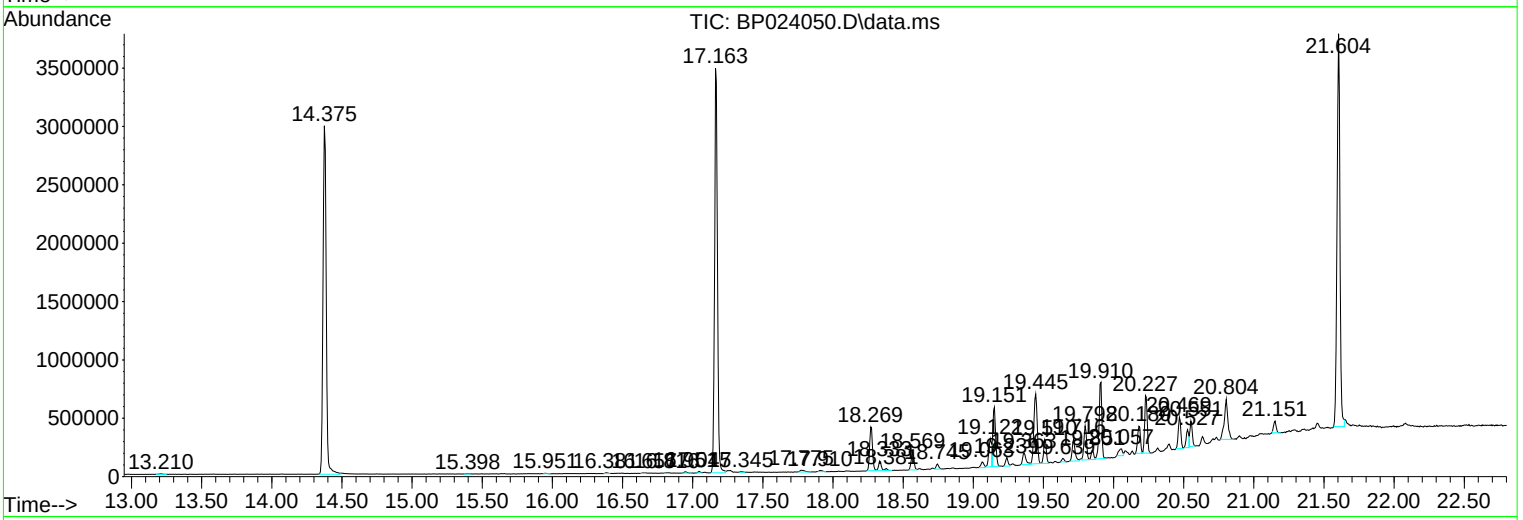
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

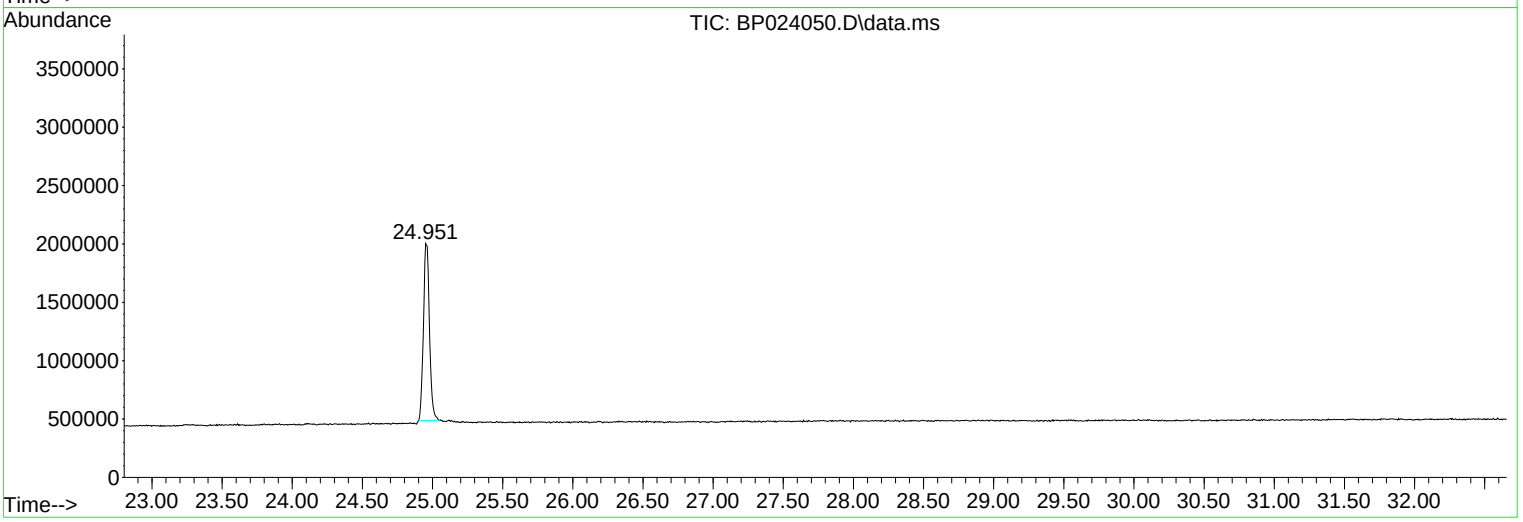
Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

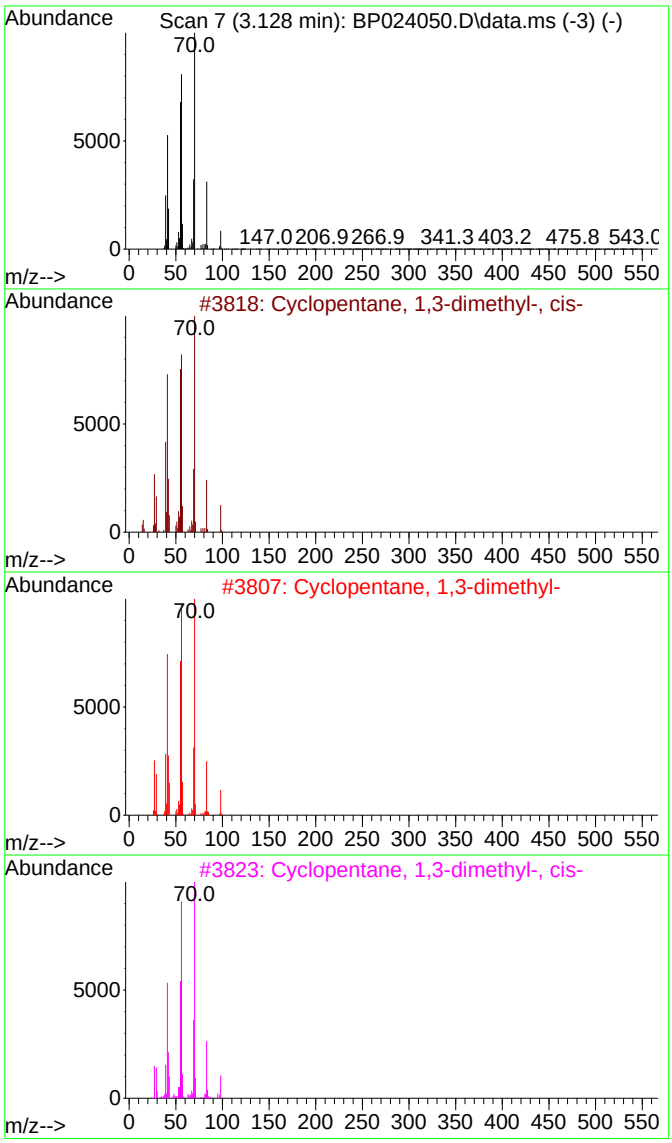
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

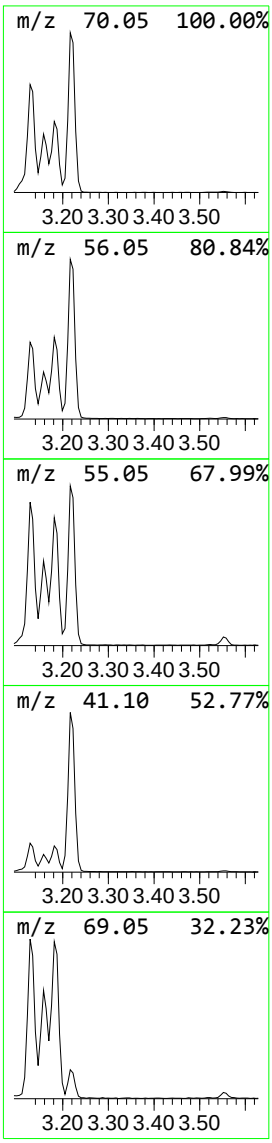
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.128 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	5.21 ng/ul	791710	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

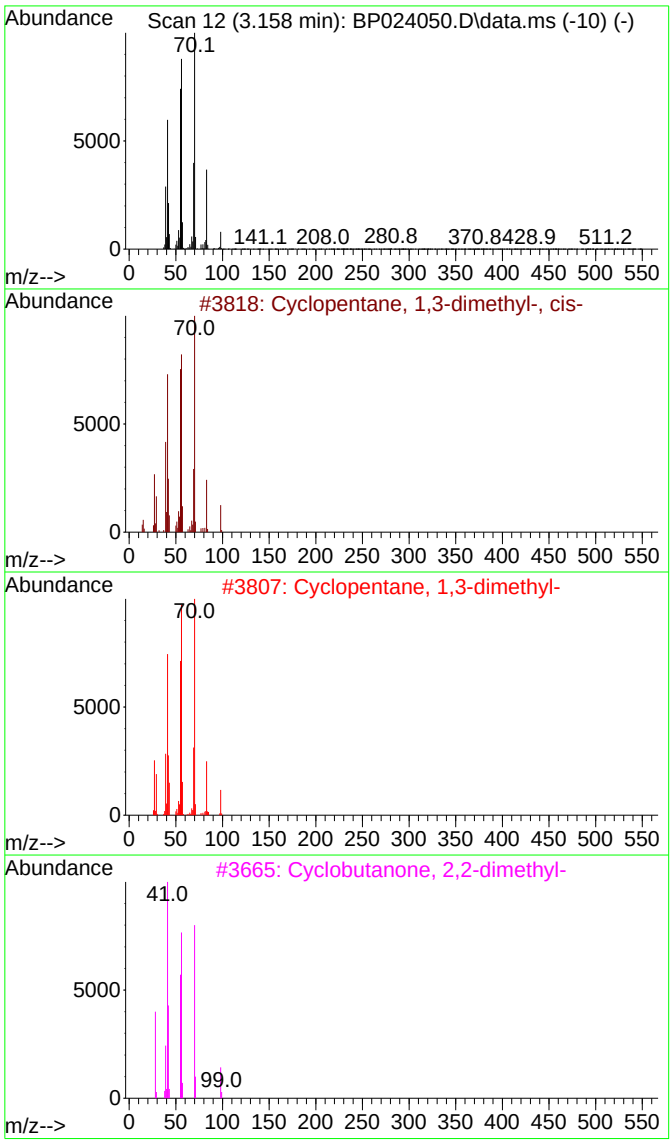
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

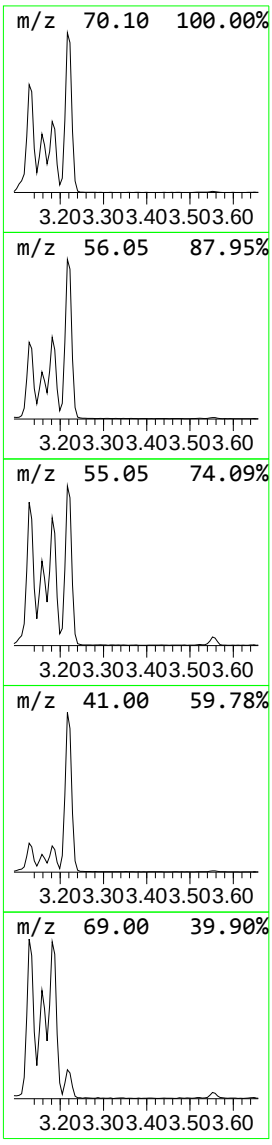
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.158 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.158	2.85 ng/ul	433208	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
3	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	64
4	Isopropylcyclobutane	98	C7H14	000872-56-0	50
5	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

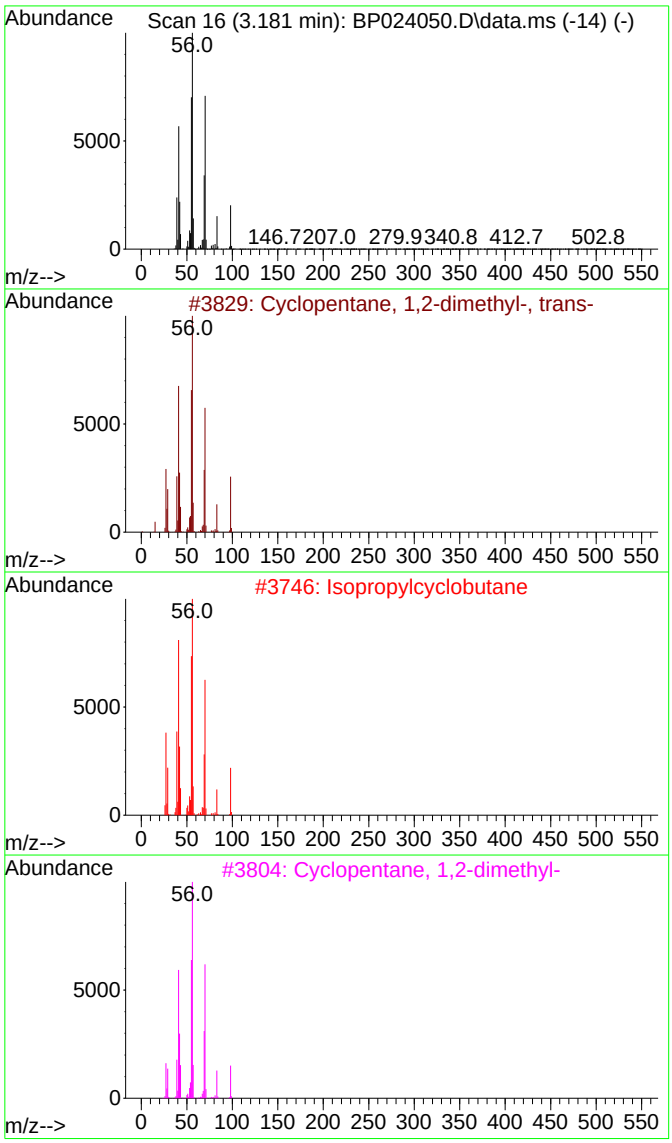
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

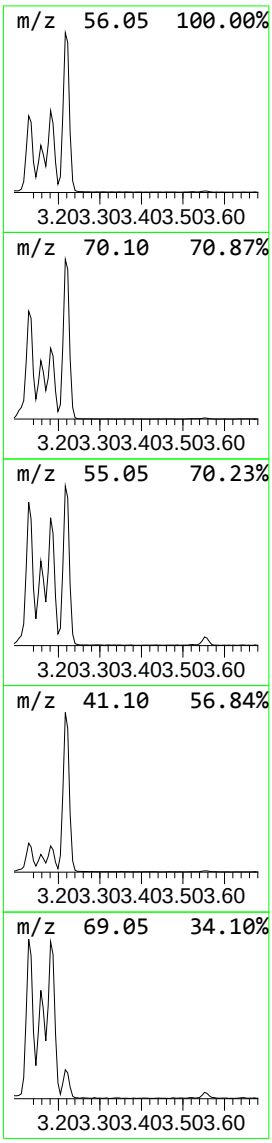
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.181 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.181	4.45 ng/ul	676138	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

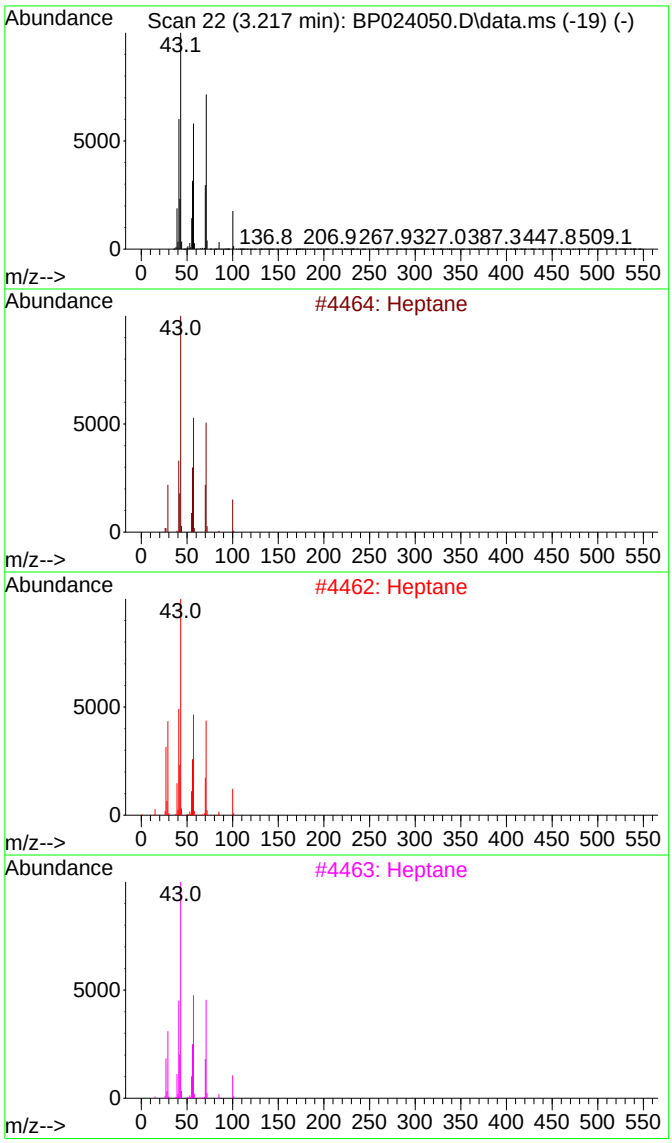
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

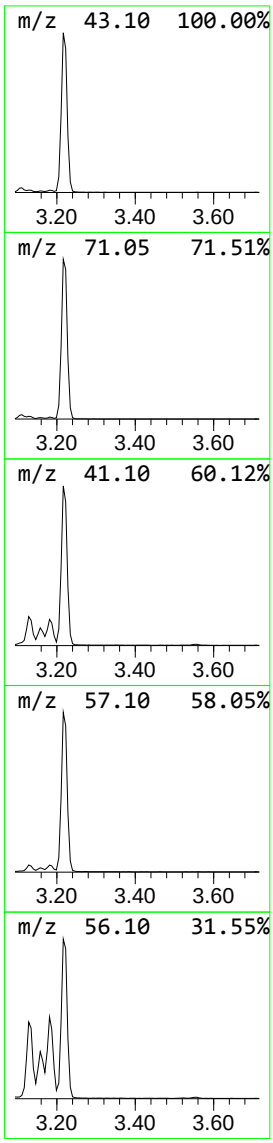
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.217	25.29 ng/ul	3845550	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	78
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

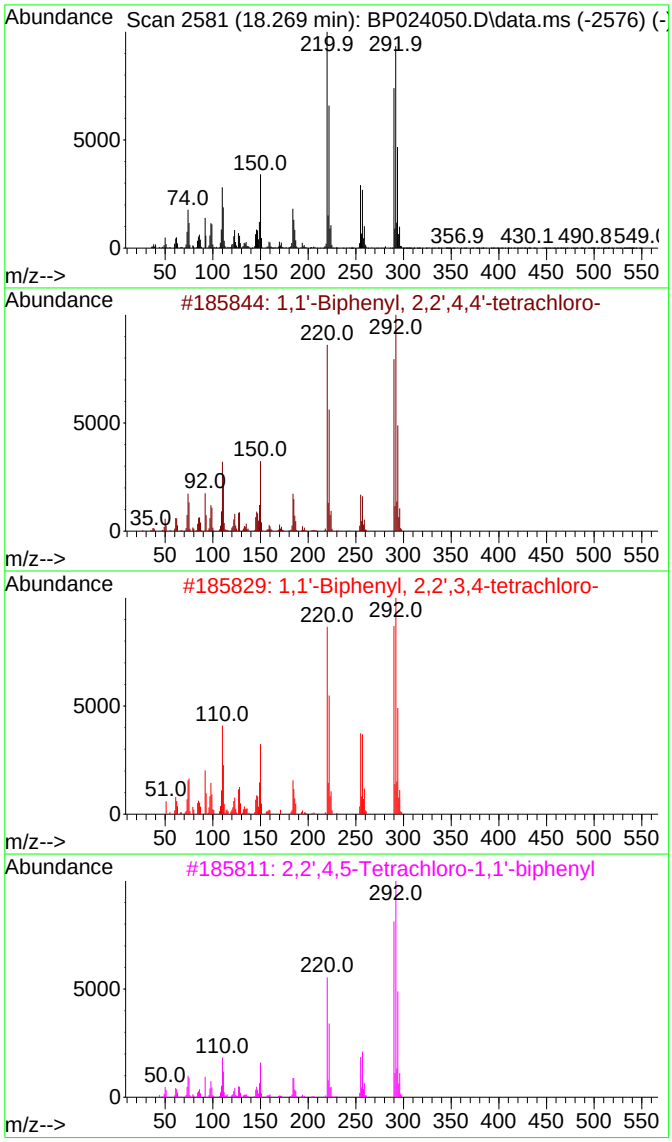
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

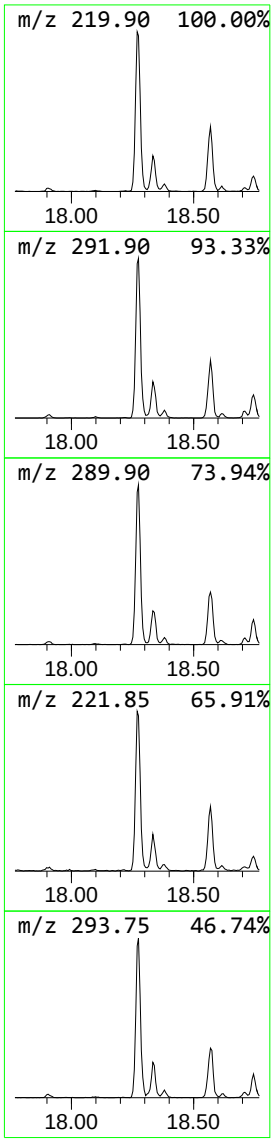
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	2.18 ng/ul	528154	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

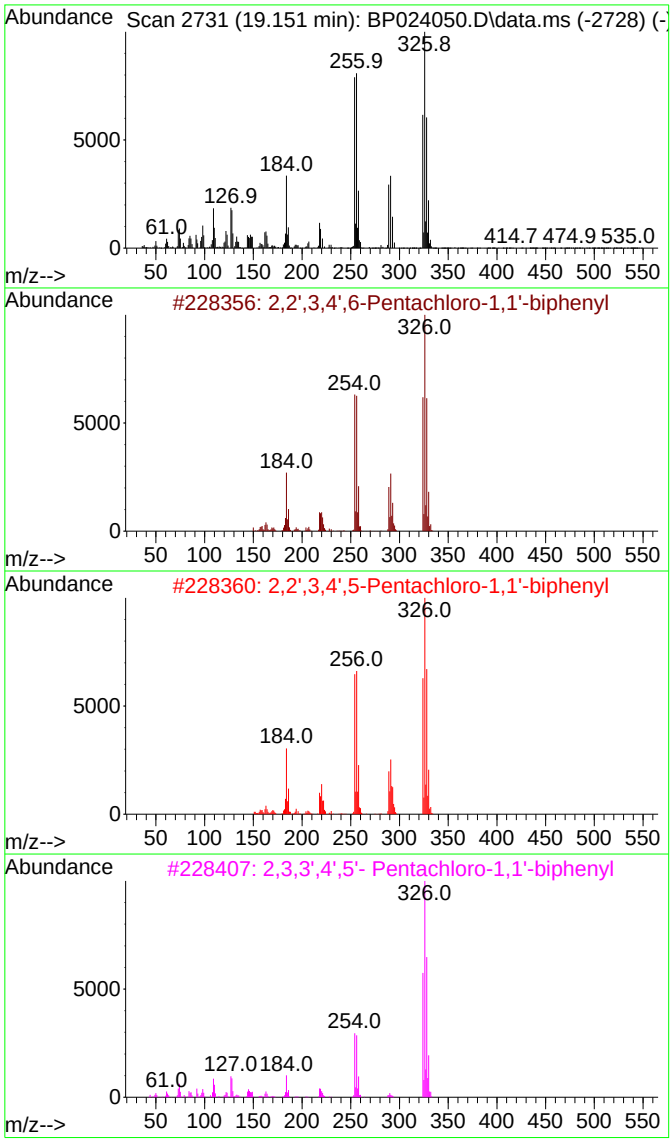
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

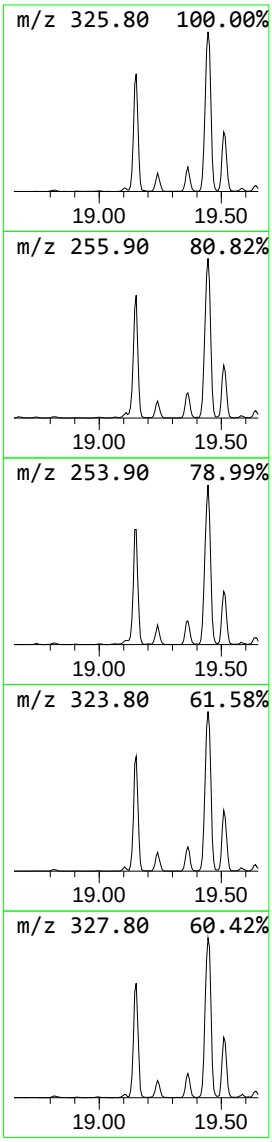
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	2.80 ng/ul	677963	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
2	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

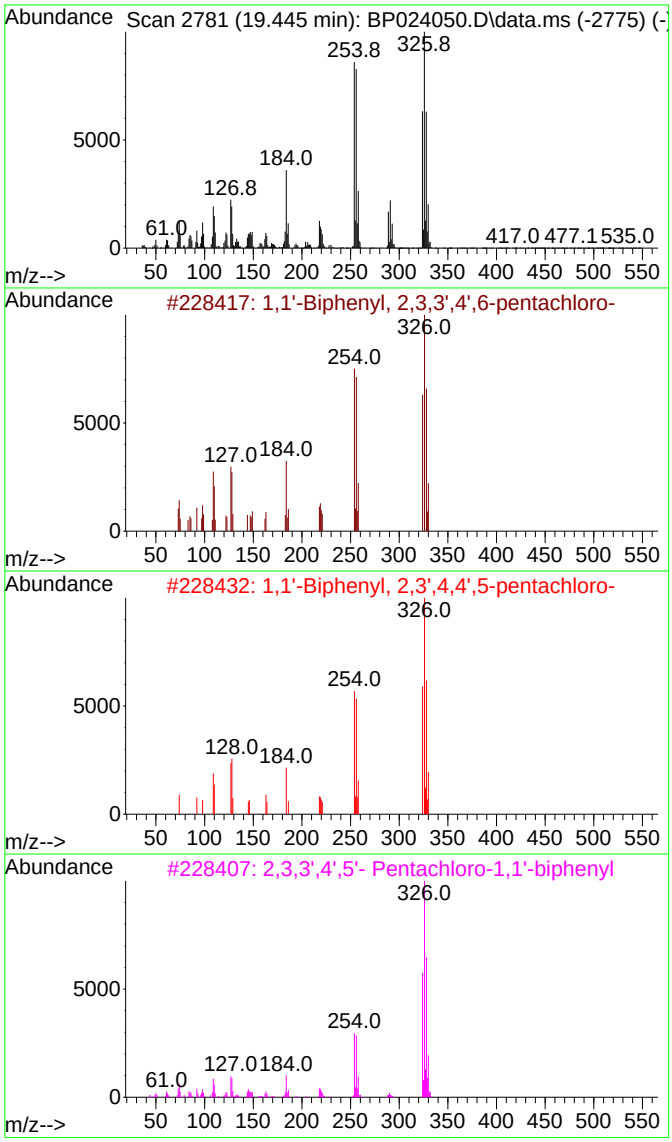
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

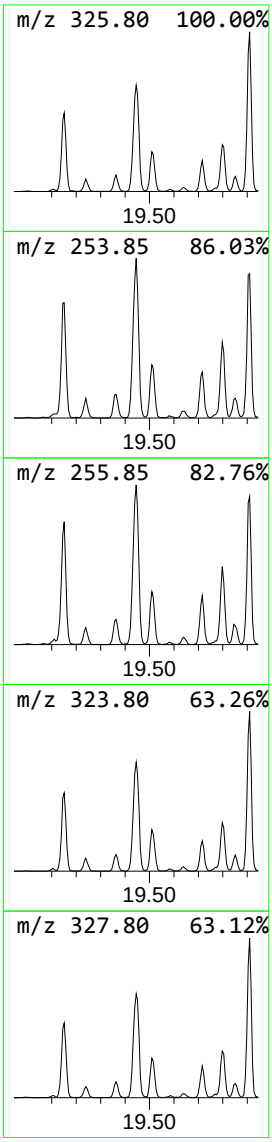
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	4.08 ng/ul	980279	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

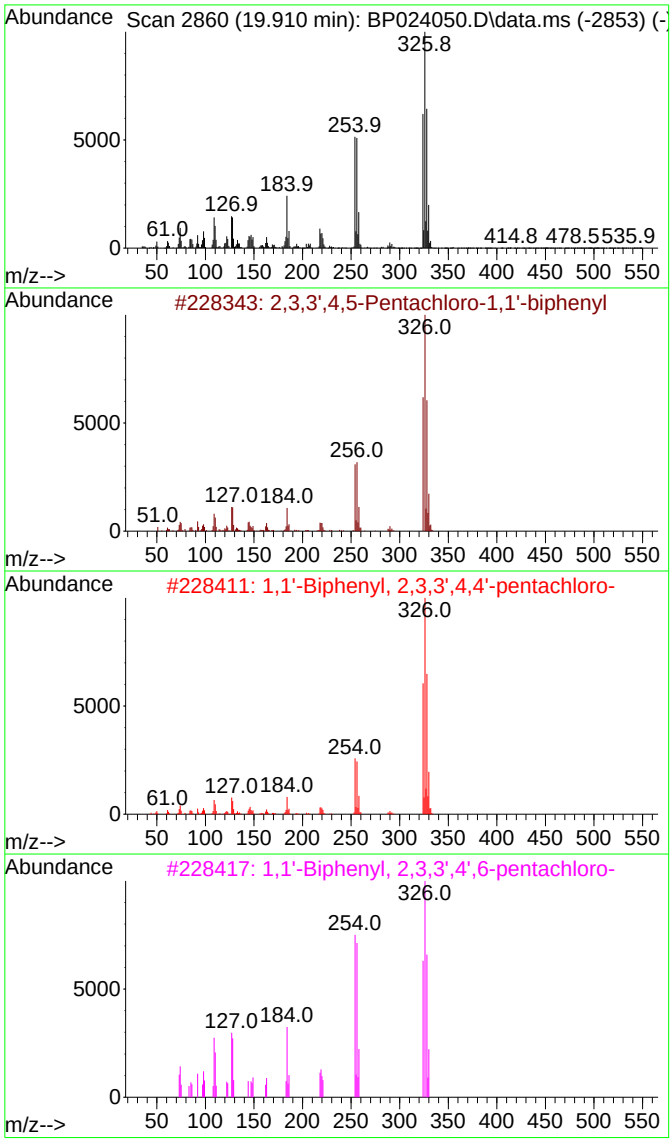
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

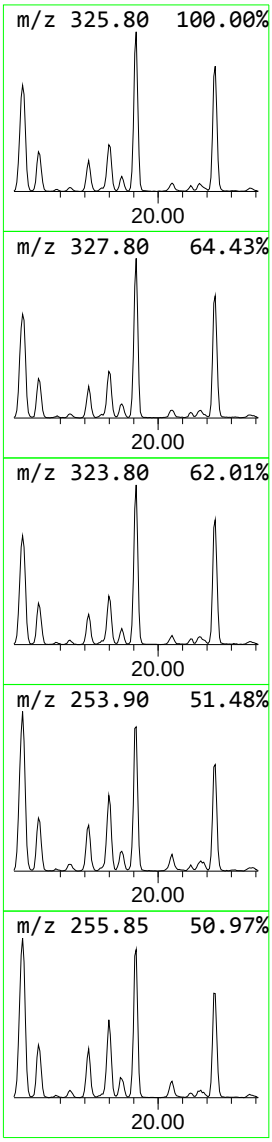
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.910	3.60 ng/ul	864260	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

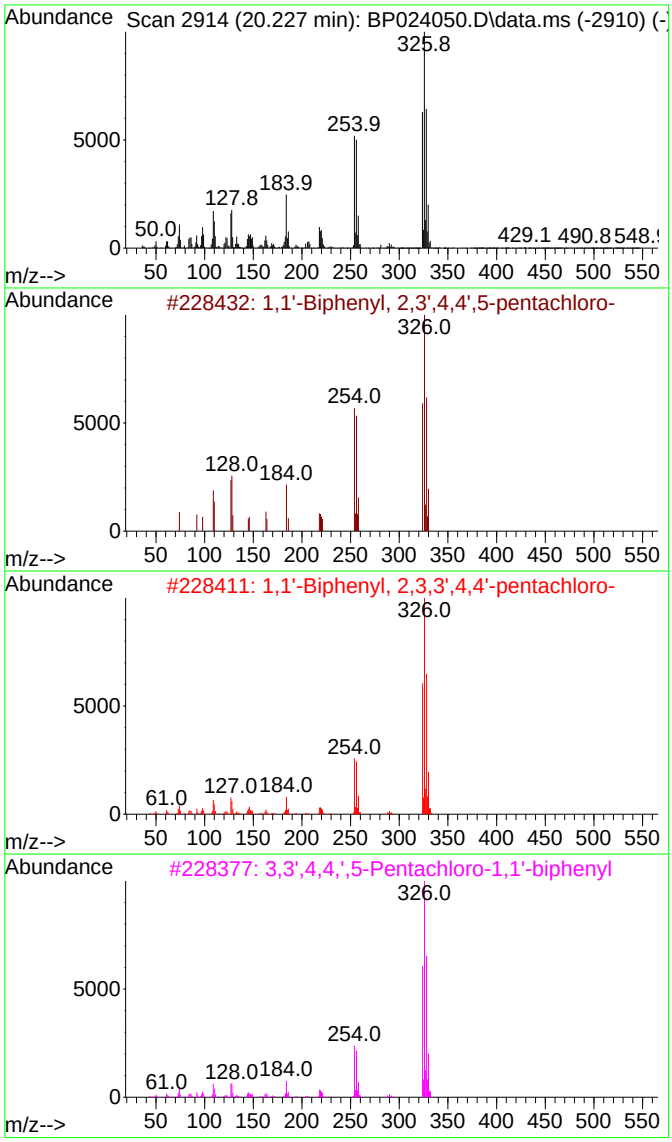
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

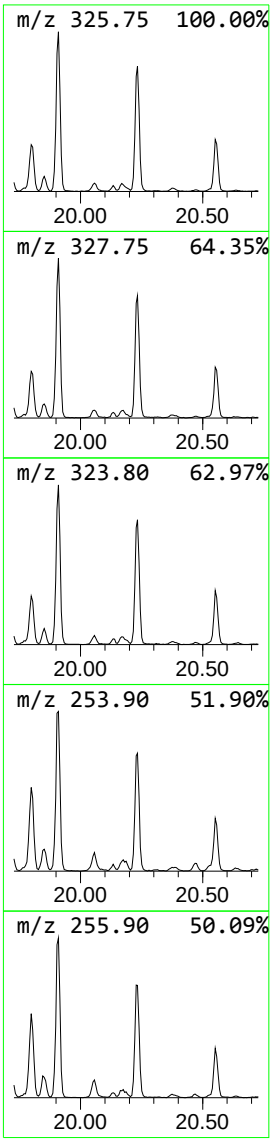
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	2.56 ng/ul	613576	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	2,3,3,',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	99
5	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

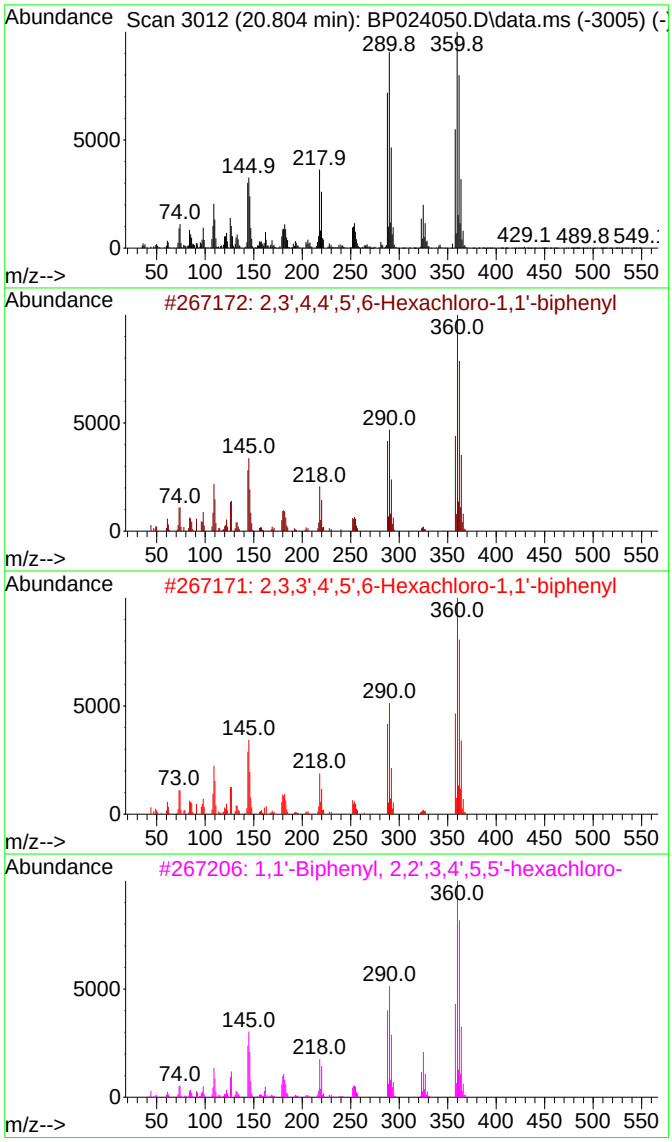
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

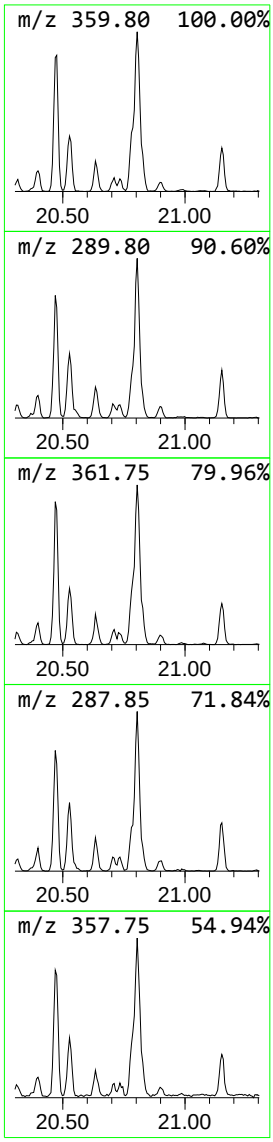
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.804	2.53 ng/ul	607390	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021225\
Data File : BP024050.D
Acq On : 12 Feb 2025 15:02
Operator : RC/JU
Sample : AR1254 50PPM
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254 50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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
(DEL) Alkane: C...	3.128	5.2	ng/ul	791710	1	7.758	3041250	20.0
(DEL) Alkane: C...	3.158	2.9	ng/ul	433208	1	7.758	3041250	20.0
(DEL) Alkane: C...	3.181	4.5	ng/ul	676138	1	7.758	3041250	20.0
(DEL) Alkane: S...	3.217	25.3	ng/ul	3845550	1	7.758	3041250	20.0
1,1'-Biphenyl, ...	18.269	2.2	ng/ul	528154	4	17.163	4837940	20.0
2,2',3,4',6-Pen...	19.151	2.8	ng/ul	677963	4	17.163	4837940	20.0
1,1'-Biphenyl, ...	19.445	4.1	ng/ul	980279	5	21.604	4802640	20.0
2,3,3',4,5-Pent...	19.910	3.6	ng/ul	864260	5	21.604	4802640	20.0
1,1'-Biphenyl, ...	20.227	2.6	ng/ul	613576	5	21.604	4802640	20.0
2,3',4,4',5',6-...	20.804	2.5	ng/ul	607390	5	21.604	4802640	20.0