LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

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-BP010523.M
Title : SVOA CALIBRATION

Signal : TIC: BP013435.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	3	7	11	rVB	12302478	12732322	100.00%	21.090%
2	3.540	57	60	62	rBV2	34833	39888	0.31%	0.066%
3	3.575	62	66	70	rVB	383833	454499	3.57%	0.753%
4	3.669	78	82	85	rVB	27236	32157	0.25%	0.053%
5	3.816	104	107	113	rVB8	10220	15752	0.12%	0.026%
6	4.057	144	148	154	rVB	51179	67033	0.53%	0.111%
7	7.916	796	804	812	rBV	2141533	3471511	27.27%	5.750%
8	10.504	1235	1244	1248	rBV10	15193	34135	0.27%	0.057%
9	10.669	1267	1272	1275	rBV7	17128	33140	0.26%	0.055%
10	10.728	1275	1282	1294	rVB	2775267	4685547	36.80%	7.761%
11	10.857	1299	1304	1313	rVB	16329	39394	0.31%	0.065%
12	10.981	1319	1325	1330	rBV10	10075	18380	0.14%	0.030%
13	11.134	1344	1351	1355	rBV10	8252	16406	0.13%	0.027%
14	11.186	1355	1360	1368	rVB10	10652	24154	0.19%	0.040%
15	13.375	1726	1732	1736	rBV8	9690	16951	0.13%	0.028%
16	14.563	1926	1934	1948	rBV	4256596	6253023	49.11%	10.358%
17	15.816	2143	2147	2153	rVB4	13877	20637	0.16%	0.034%
18	16.845	2317	2322	2329	rVB2	73098	103382	0.81%	0.171%
19	17.104	2363	2366	2372	rVB2	14393	21181	0.17%	0.035%
20	17.227	2384	2387	2392	rVB7	18819	28364	0.22%	0.047%
21	17.316	2396	2402	2415	rBV	5568940	7764682	60.98%	12.862%
22	17.498	2428	2433	2438	rVB	80503	105925	0.83%	0.175%
23	17.698	2465	2467	2473	rVB6	23907	29131	0.23%	0.048%
24	17.774	2476	2480	2488	rVV6	22306	50462	0.40%	0.084%
25	17.857	2491	2494	2497	rVB5	13082	16108	0.13%	0.027%
26	17.916	2498	2504	2510	rBV	122667	193552	1.52%	0.321%
27	18.027	2518	2523	2531	rVB3	128574	183195	1.44%	0.303%
28	18.104	2531	2536	2540	rBV2	123589	161601	1.27%	0.268%
29	18.157	2540	2545	2549	rBV	113671	151219	1.19%	0.250%
30	18.210	2549	2554	2560	rVB	311660	424351	3.33%	0.703%
31	18.316	2568	2572	2576	rBV2	68194	81961	0.64%	0.136%
32	18.368	2576	2581	2586	rBV	1269736	1582727	12.43%	2.622%
33	18.427	2586	2591	2594	rVV	1074259	1383686	10.87%	2.292%
34	18.468	2594	2598	2604	rVB	1005925	1287948	10.12%	2.133%
35	18.645	2622	2628	2632	rBV	987744	1427143	11.21%	2.364%
36	18.686	2632	2635	2641	rVV	534113	680785	5.35%	1.128%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

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-BP010523.M
Title : SVOA CALIBRATION

37	18.745	2642	2645	2647	rVV4	27839	40093	0.31%	0.066%
38	18.774	2647	2650	2653	rVV	337834	424714	3.34%	0.704%
39	18.810	2653	2656	2663	rVB	946993	1186567	9.32%	1.965%
40	18.874	2664	2667	2669	rBV4	25278	28588	0.22%	0.047%
41	18.910	2669	2673	2678	rVB	206038	250590	1.97%	0.415%
42	18.980	2682	2685	2689	rVB3	44838	52478	0.41%	0.087%
43	19.051	2693	2697	2702	rBV3	64749	85844	0.67%	0.142%
44	19.110	2702	2707	2711	rBV	454773	553631	4.35%	0.917%
45	19.157	2711	2715	2717	rVV	150266	216325	1.70%	0.358%
46	19.192	2717	2721	2729	rVB3	650810	1027456	8.07%	1.702%
47	19.268	2730	2734	2738	rBV3	74870	92888	0.73%	0.154%
48	19.404	2753	2757	2758	rBV	120833	142368	1.12%	0.236%
49	19.457	2763	2766	2773	rVB2	143684	166928	1.31%	0.277%
50	19.521	2774	2777	2782	rVB4	75823	80964	0.64%	0.134%
51	19.792	2820	2823	2826	rVB5	48000	52493	0.41%	0.087%
52	19.892	2837	2840	2845	rBV	77909	101428	0.80%	0.168%
53	20.198	2889	2892	2897	rVB3	97678	115082	0.90%	0.191%
54	21.404	3092	3097	3109	rBV	4931861	6687870	52.53%	11.078%
55	23.868	3509	3516	3526	rVB2	2648972	5432340	42.67%	8.998%

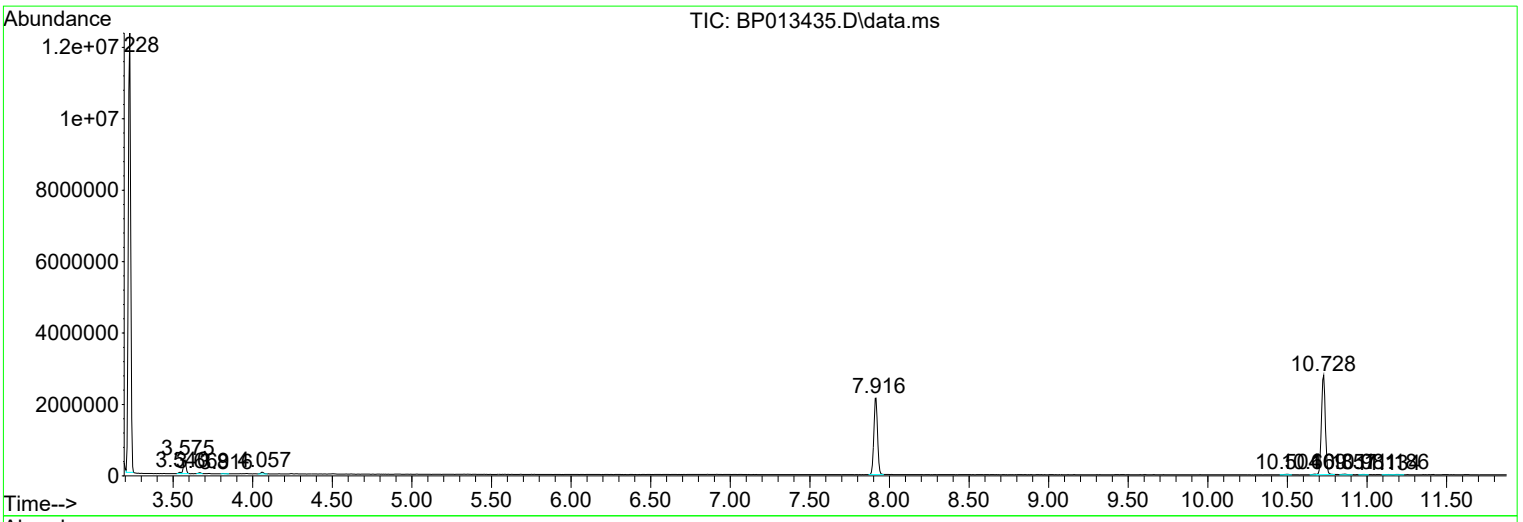
Sum of corrected areas: 60370979

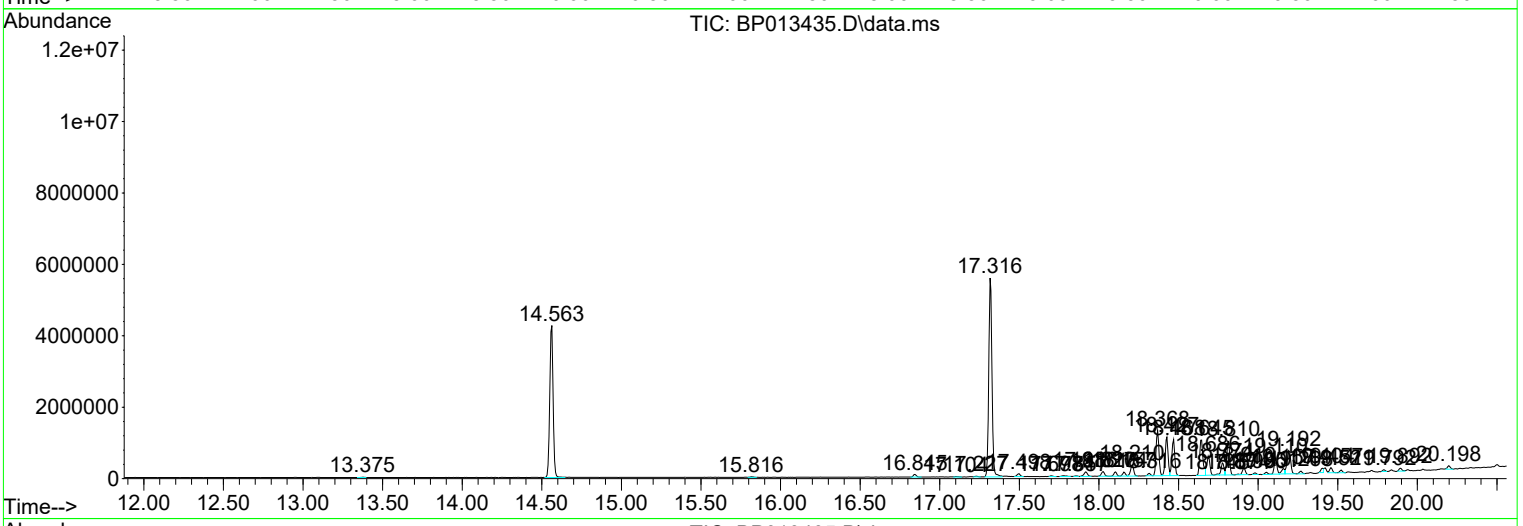
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

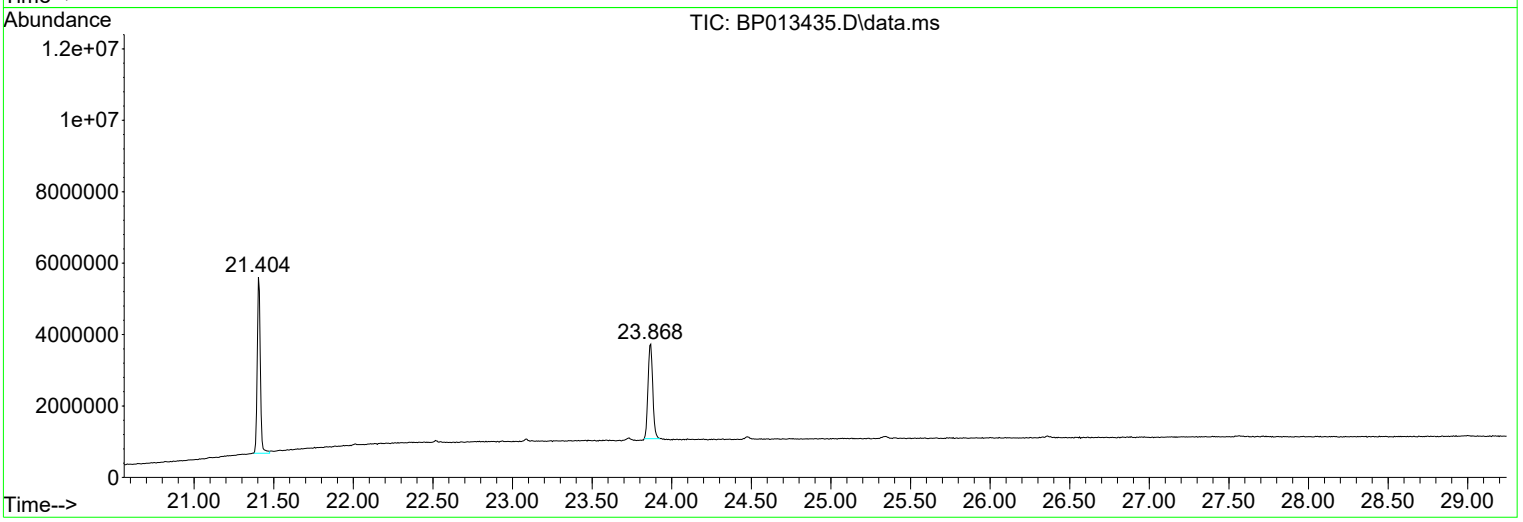
Instrument :
BNA_P
ClientSampleId :
A44C7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

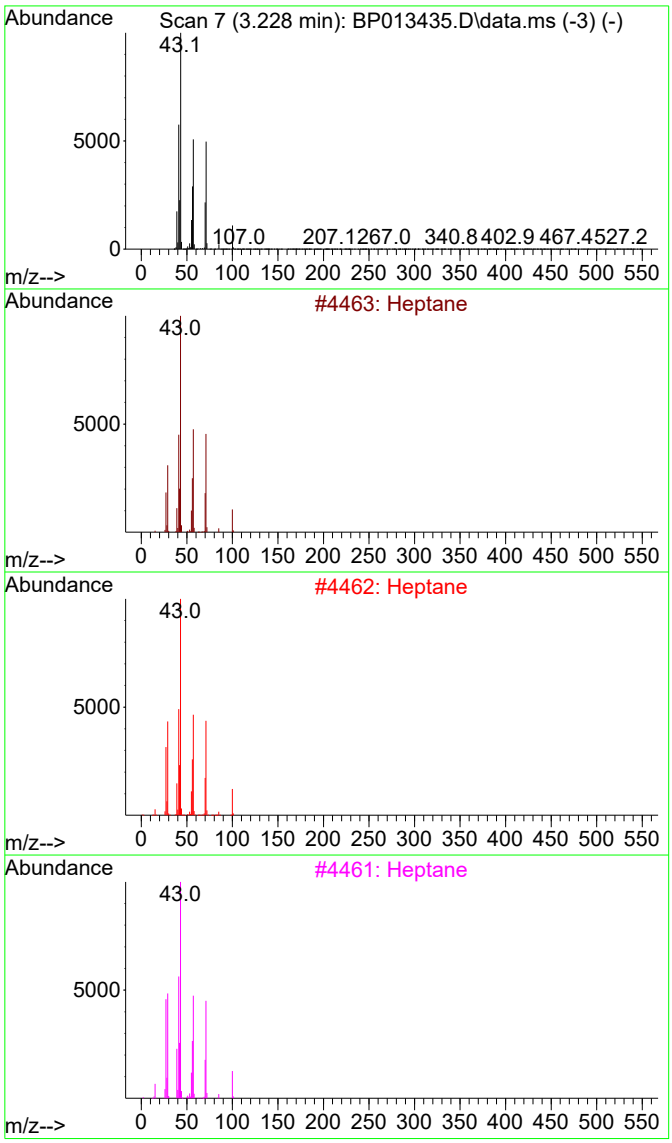
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

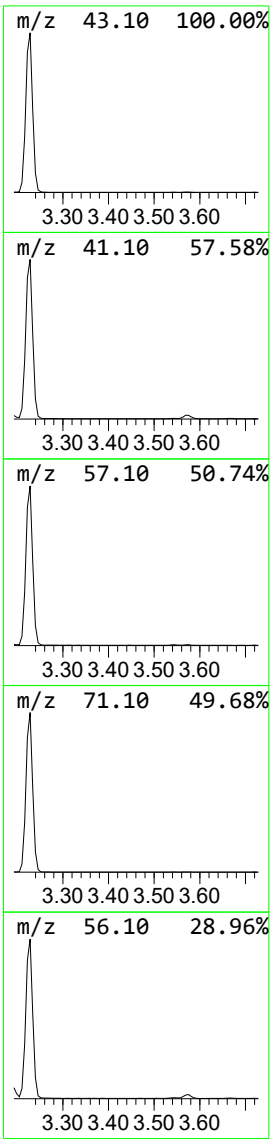
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.228	73.35 ng/ul	12732300	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	83
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

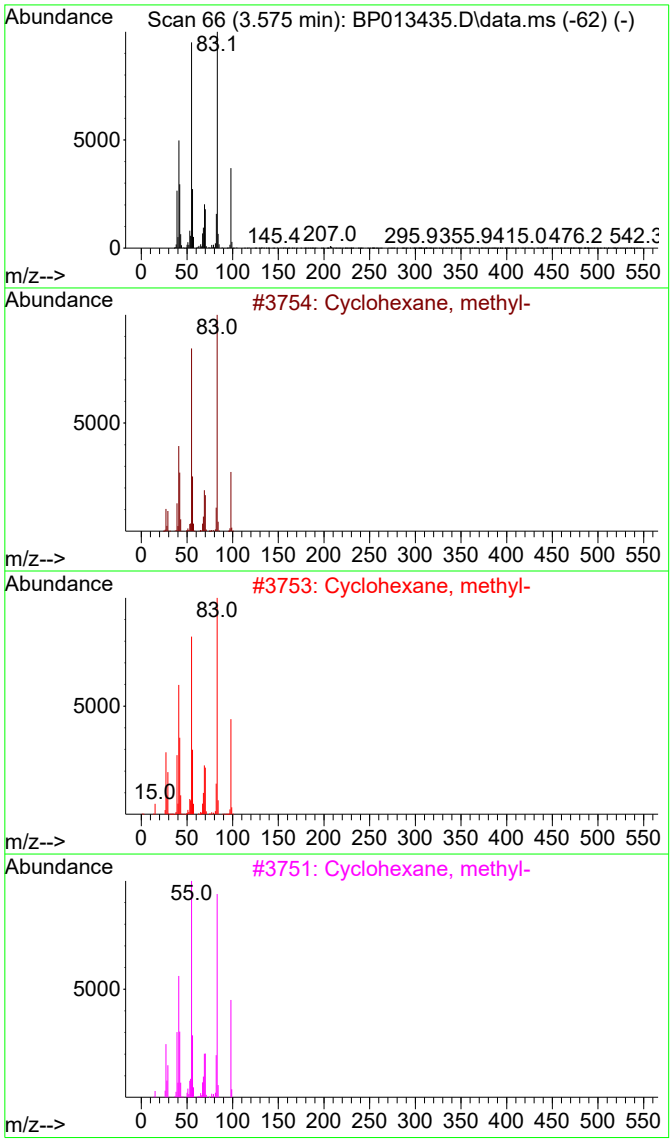
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

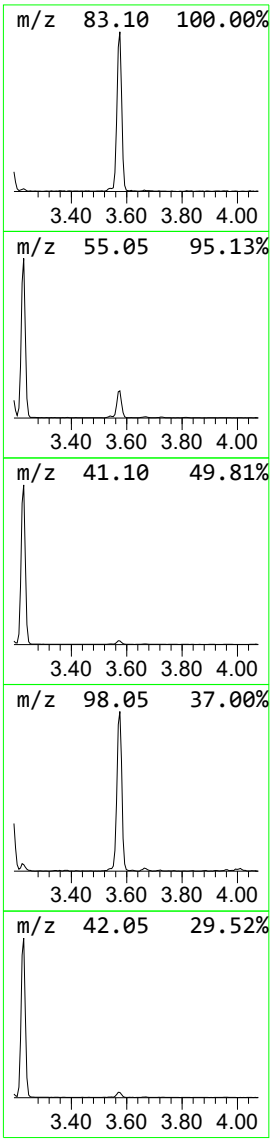
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.575 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.575	2.62 ng/ul	454499	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	93
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	93
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

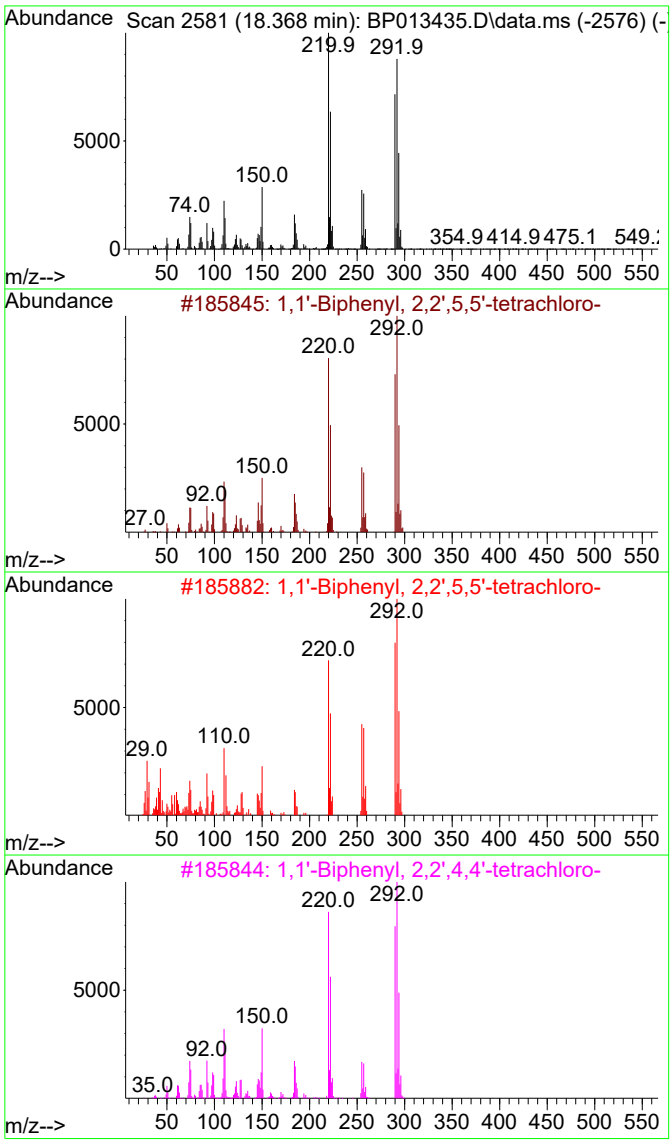
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

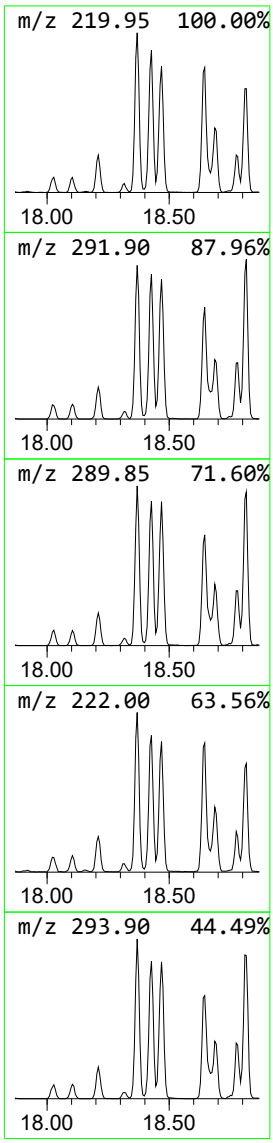
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	4.08 ng/ul	1582730	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

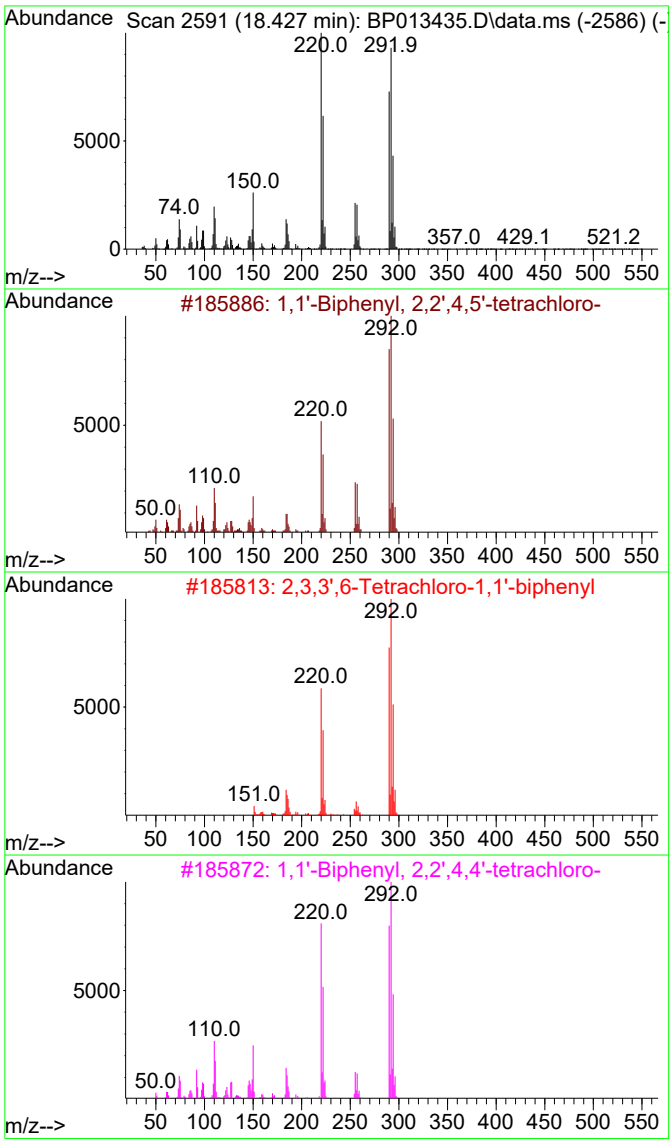
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

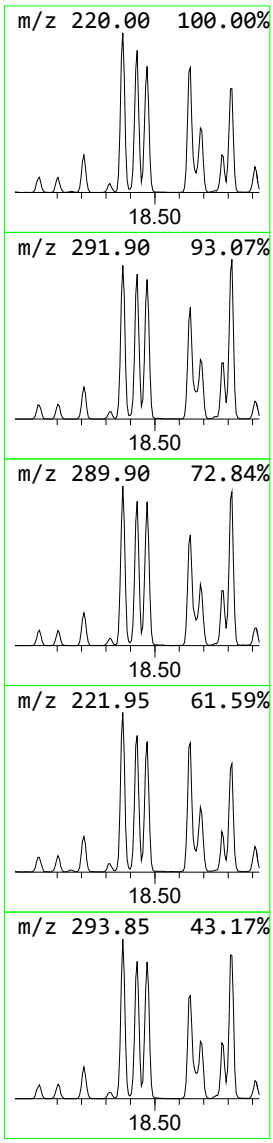
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	3.56 ng/ul	1383690	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

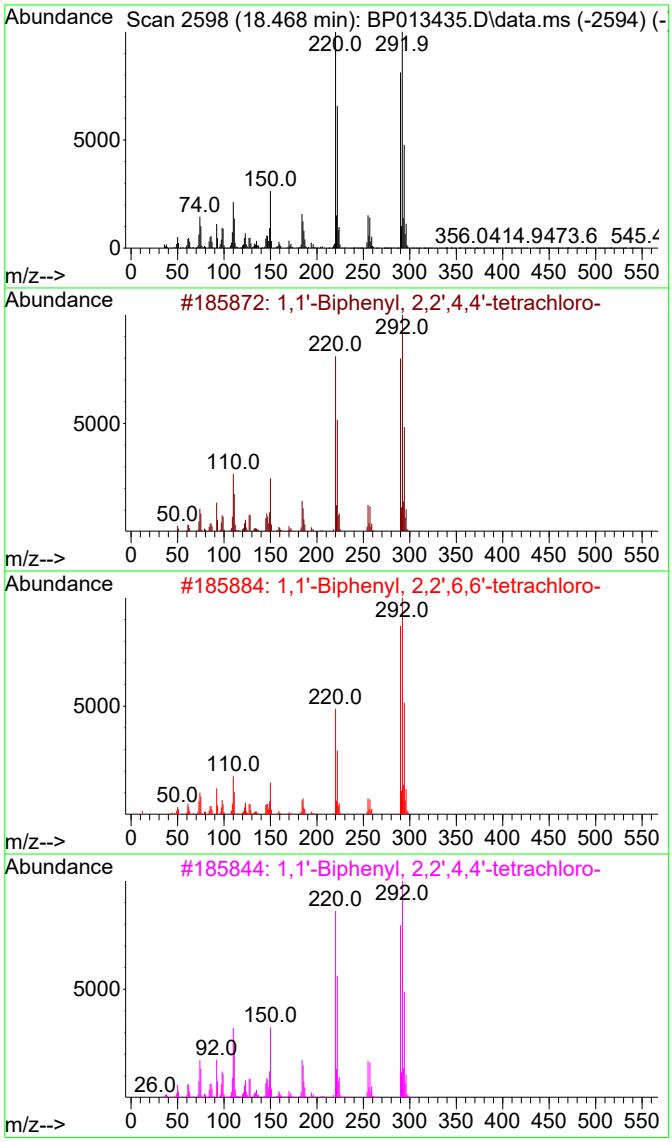
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

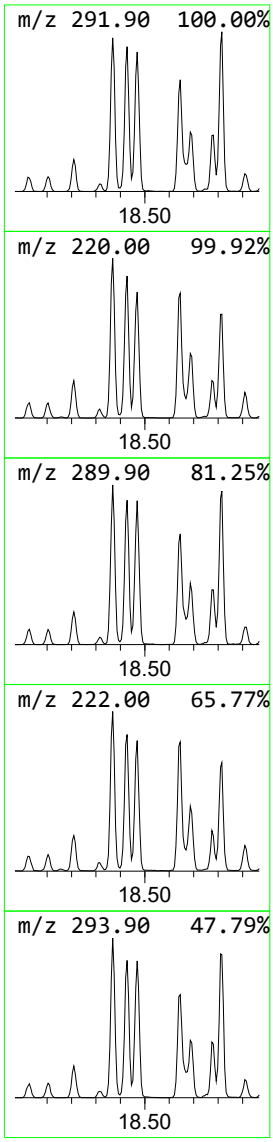
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.468	3.32 ng/ul	1287950	Phenanthrene-d10	17.316

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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

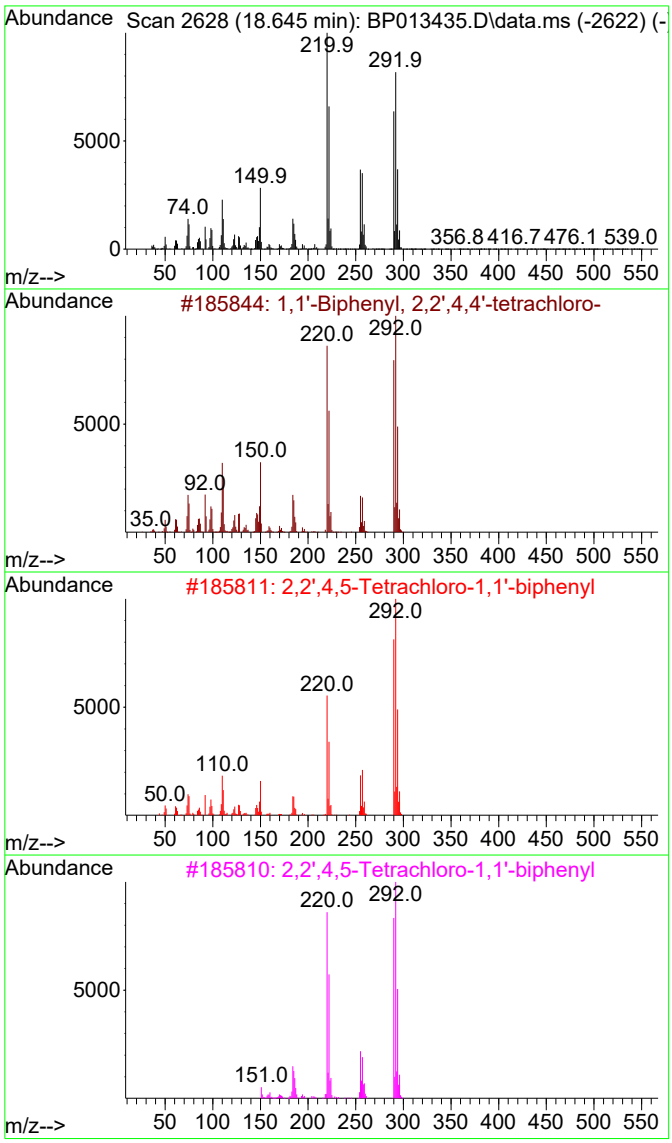
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

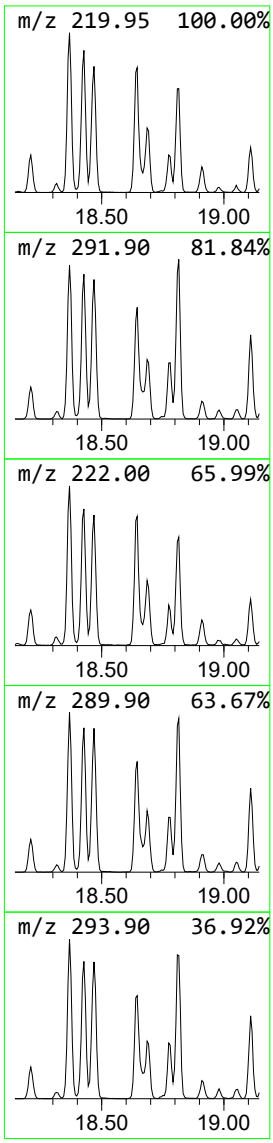
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	3.68 ng/ul	1427140	Phenanthrene-d10	17.316

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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

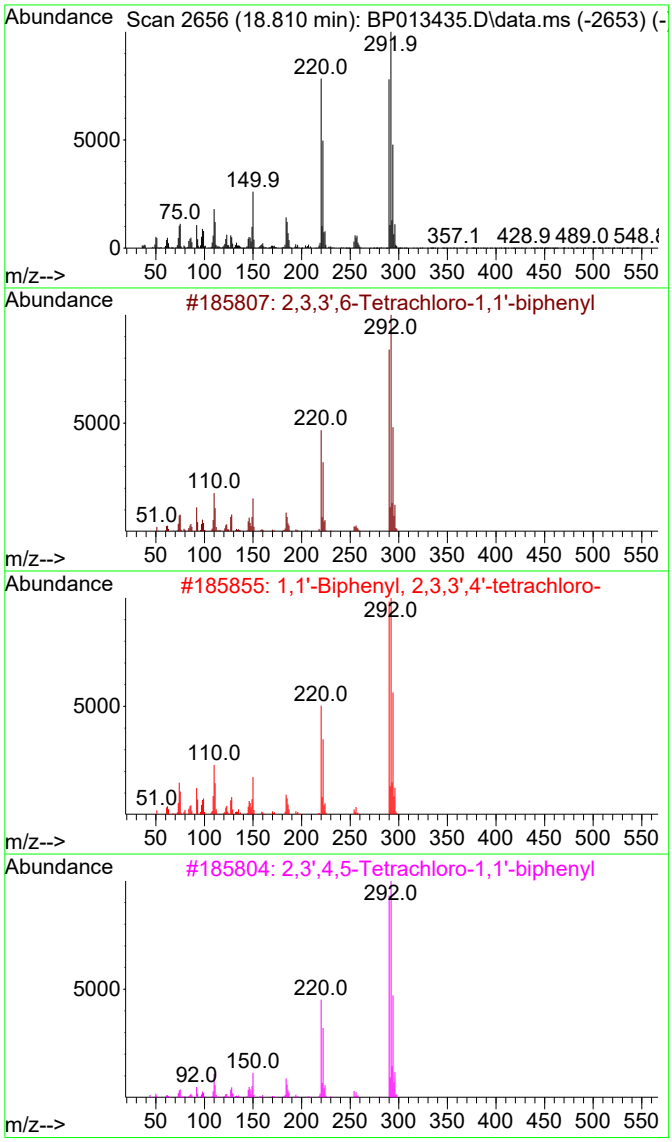
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

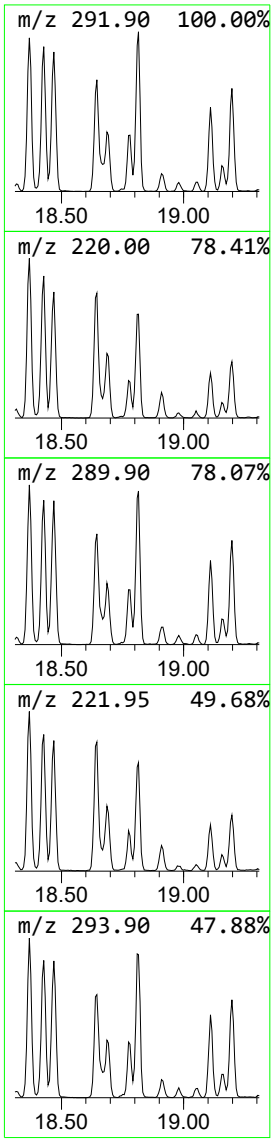
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	3.06 ng/ul	1186570	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

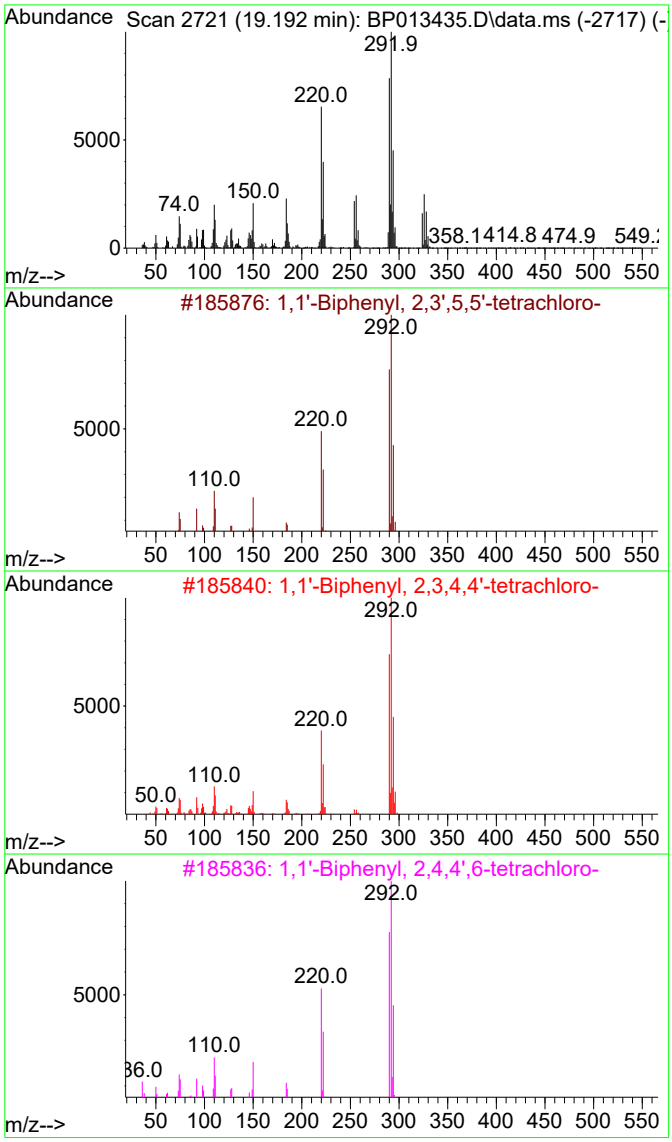
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

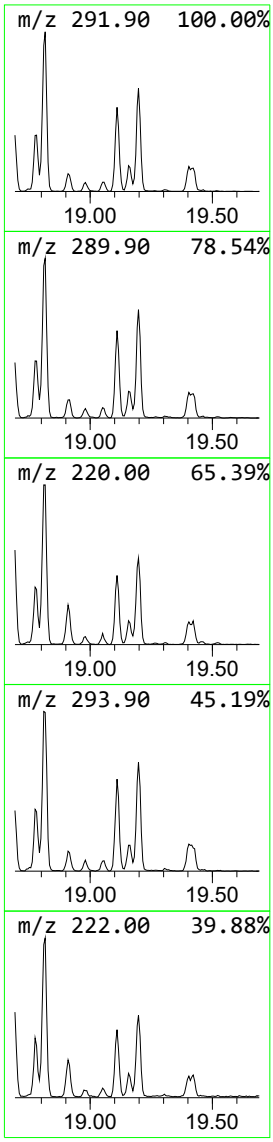
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	2.65 ng/ul	1027460	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
3	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011023\
Data File : BP013435.D
Acq On : 10 Jan 2023 19:16
Operator : CG/JU
Sample : 01035-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44C7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.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: S...	3.228	73.3	ng/ul	12732300	1	7.916	3471510	20.0
(DEL) Alkane: C...	3.575	2.6	ng/ul	454499	1	7.916	3471510	20.0
1,1'-Biphenyl, ...	18.368	4.1	ng/ul	1582730	4	17.316	7764680	20.0
1,1'-Biphenyl, ...	18.427	3.6	ng/ul	1383690	4	17.316	7764680	20.0
1,1'-Biphenyl, ...	18.468	3.3	ng/ul	1287950	4	17.316	7764680	20.0
2,2',4,5-Tetrac...	18.645	3.7	ng/ul	1427140	4	17.316	7764680	20.0
2,3,3',6-Tetrac...	18.810	3.1	ng/ul	1186570	4	17.316	7764680	20.0
1,1'-Biphenyl, ...	19.192	2.6	ng/ul	1027460	4	17.316	7764680	20.0