LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018997.D
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
Sample : AR1248 50PPM
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1248 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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018997.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	6	8	11	rVB	33740	27869	1.34%	0.189%
2	3.170	11	14	20	rVB	613907	652314	31.38%	4.425%
3	3.305	35	37	43	rVB6	4062	3891	0.19%	0.026%
4	3.511	69	72	79	rVB	15493	19748	0.95%	0.134%
5	3.587	82	85	86	rBV3	2431	2925	0.14%	0.020%
6	3.993	151	154	160	rBV	10848	13950	0.67%	0.095%
7	4.140	175	179	183	rBV	11047	14066	0.68%	0.095%
8	4.193	185	188	194	rVB2	16012	19760	0.95%	0.134%
9	4.299	202	206	209	rBV	15232	19140	0.92%	0.130%
10	4.340	209	213	218	rVB	15358	21417	1.03%	0.145%
11	4.446	227	231	235	rVB2	5458	7480	0.36%	0.051%
12	6.464	570	574	579	rBV5	5161	8754	0.42%	0.059%
13	6.575	589	593	594	rBV4	1787	2222	0.11%	0.015%
14	6.611	594	599	603	rVV2	7032	10247	0.49%	0.070%
15	6.911	647	650	652	rBV3	1617	2328	0.11%	0.016%
16	6.952	654	657	663	rVB8	3750	6615	0.32%	0.045%
17	7.175	694	695	699	rVB4	1761	2179	0.10%	0.015%
18	7.816	796	804	812	rBV	635554	990883	47.67%	6.722%
19	9.363	1062	1067	1069	rBV6	1367	2432	0.12%	0.016%
20	10.616	1272	1280	1290	rBV	738851	1241196	59.71%	8.420%
21	11.881	1491	1495	1498	rBV6	1560	2223	0.11%	0.015%
22	12.246	1554	1557	1563	rVB8	1358	2567	0.12%	0.017%
23	12.634	1620	1623	1628	rBV6	2171	3330	0.16%	0.023%
24	14.451	1925	1932	1944	rBV	998994	1571741	75.61%	10.662%
25	15.716	2143	2147	2155	rVB5	7525	11835	0.57%	0.080%
26	16.322	2246	2250	2253	rBV6	2723	4904	0.24%	0.033%
27	16.440	2266	2270	2277	rVB2	18100	25845	1.24%	0.175%
28	16.734	2315	2320	2325	rBV8	7978	11538	0.56%	0.078%
29	16.998	2363	2365	2367	rVB2	2514	2099	0.10%	0.014%
30	17.087	2374	2380	2384	rBV	138104	191034	9.19%	1.296%
31	17.122	2384	2386	2391	rVB2	34225	38603	1.86%	0.262%
32	17.204	2394	2400	2414	rBV	1294731	1937736	93.22%	13.145%
33	17.381	2425	2430	2437	rVB	59402	92232	4.44%	0.626%
34	17.498	2448	2450	2455	rVB5	2097	2748	0.13%	0.019%
35	17.669	2474	2479	2481	rBV3	11723	16466	0.79%	0.112%
36	17.798	2496	2501	2513	rBV	187633	372434	17.92%	2.526%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018997.D
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
Sample : AR1248 50PPM
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1248 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-BP120123.MA.M
Title : SVOA CALIBRATION

37	17.934	2517	2524	2531	rBV3	82811	153628	7.39%	1.042%
38	17.998	2531	2535	2539	rBV5	12590	15836	0.76%	0.107%
39	18.051	2540	2544	2549	rVV	44425	58372	2.81%	0.396%
40	18.104	2549	2553	2561	rVB	44983	59050	2.84%	0.401%
41	18.210	2567	2571	2575	rBV5	20432	28292	1.36%	0.192%
42	18.263	2575	2580	2586	rVV	241023	325058	15.64%	2.205%
43	18.322	2586	2590	2594	rVV	149194	193073	9.29%	1.310%
44	18.363	2594	2597	2604	rVB	110182	140384	6.75%	0.952%
45	18.539	2622	2627	2632	rBV	209067	285320	13.73%	1.935%
46	18.586	2632	2635	2640	rVV	62883	77830	3.74%	0.528%
47	18.639	2640	2644	2646	rVV4	18734	23989	1.15%	0.163%
48	18.675	2646	2650	2653	rVV2	65759	88757	4.27%	0.602%
49	18.710	2653	2656	2661	rVB	145336	168731	8.12%	1.145%
50	18.810	2668	2673	2678	rVB3	39500	54663	2.63%	0.371%
51	18.951	2694	2697	2701	rVB5	9194	11017	0.53%	0.075%
52	19.010	2702	2707	2711	rBV	110245	143370	6.90%	0.973%
53	19.057	2711	2715	2718	rVV	242799	327221	15.74%	2.220%
54	19.092	2718	2721	2728	rVV2	201907	305891	14.72%	2.075%
55	19.169	2730	2734	2738	rBV4	24715	32014	1.54%	0.217%
56	19.304	2750	2757	2763	rBV	102800	233968	11.26%	1.587%
57	19.357	2763	2766	2773	rVV	112919	157235	7.56%	1.067%
58	19.422	2773	2777	2783	rVB3	51448	68725	3.31%	0.466%
59	19.610	2806	2809	2814	rBV3	36146	49385	2.38%	0.335%
60	19.692	2819	2823	2827	rVV2	49800	62985	3.03%	0.427%
61	19.739	2828	2831	2834	rVV4	27961	34977	1.68%	0.237%
62	19.792	2836	2840	2845	rVV2	89349	113181	5.44%	0.768%
63	19.933	2861	2864	2868	rBV5	21912	25792	1.24%	0.175%
64	20.098	2889	2892	2898	rVB2	65762	81468	3.92%	0.553%
65	20.398	2941	2943	2947	rVB2	43353	47011	2.26%	0.319%
66	21.298	3091	3096	3103	rBV	1440785	1938890	93.27%	13.152%
67	23.657	3491	3497	3512	rVB	967610	2078748	100.00%	14.101%

Sum of corrected areas: 14741612

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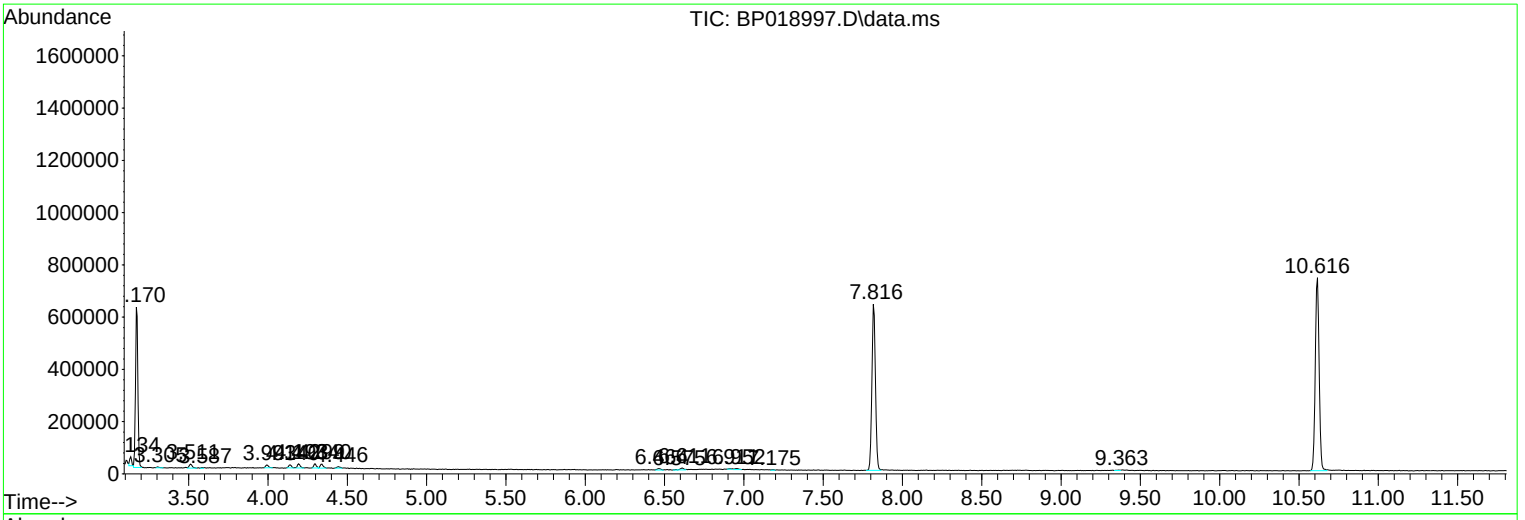
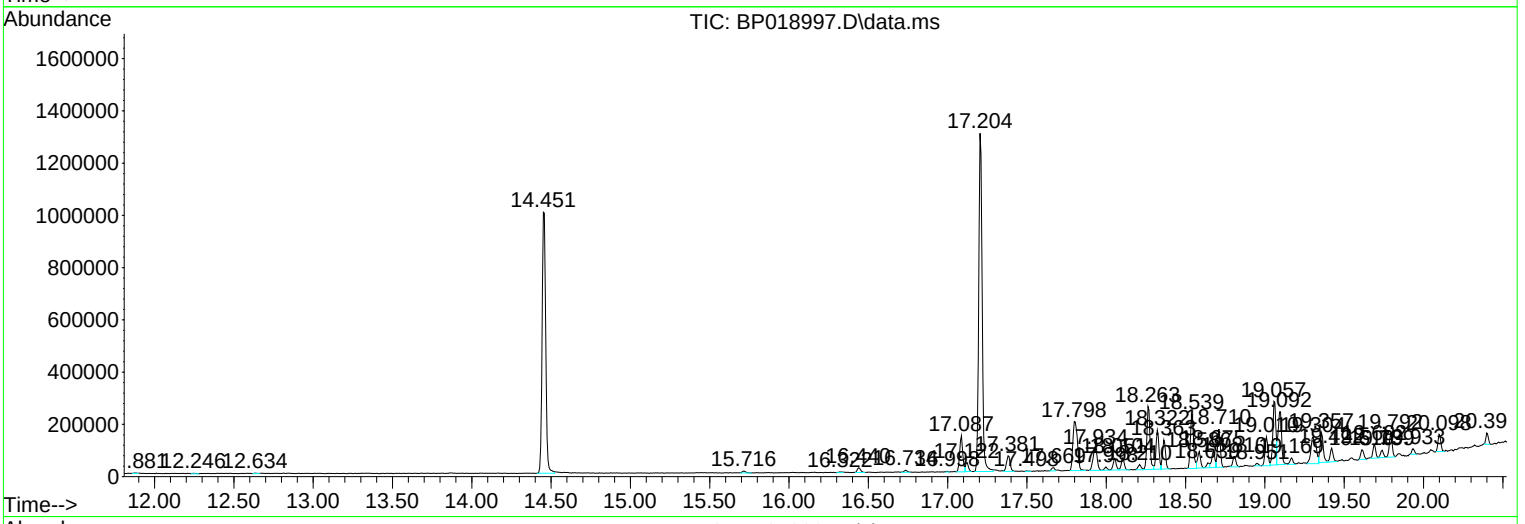
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
Sample : AR1248 50PPM
Misc :
ALS Vial : 47 Sample Multiplier: 1

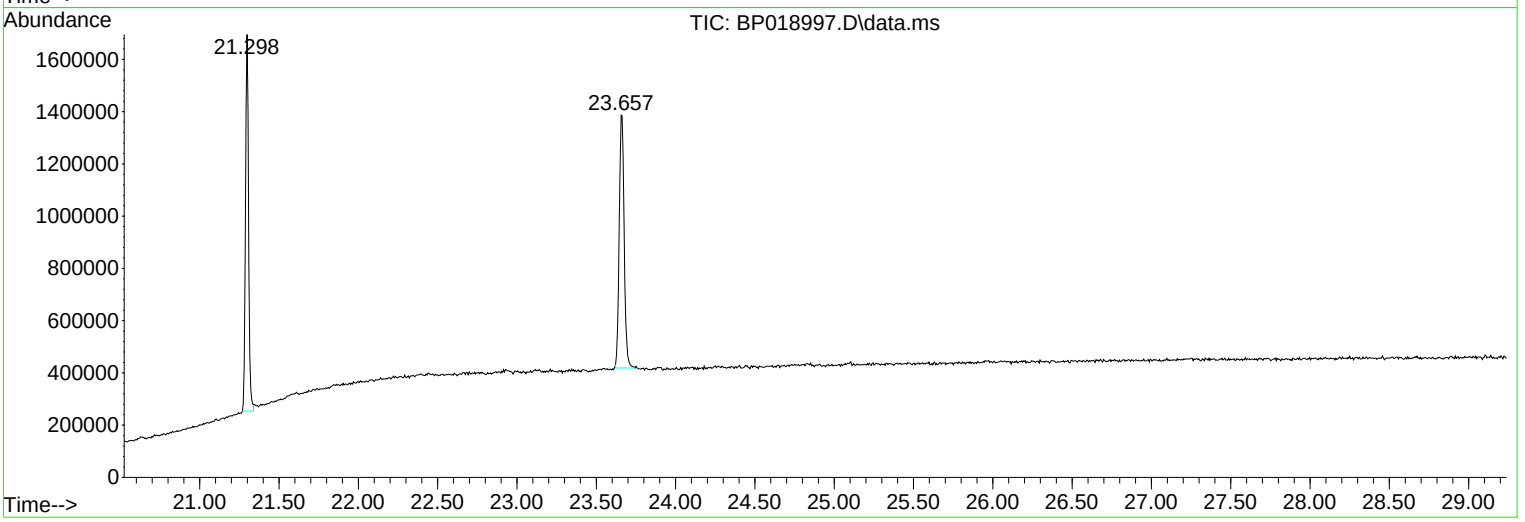
Instrument :
BNA_P
ClientSampleId :
AR1248 50PPM

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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Data File : BP018997.D
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1248 50PPM

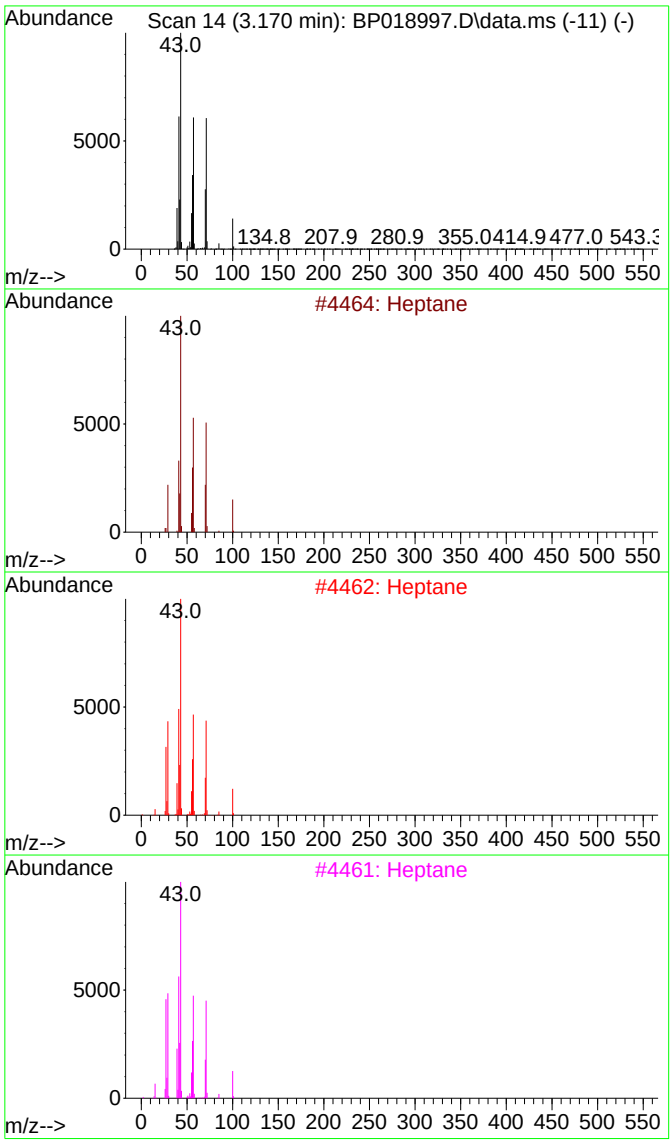
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

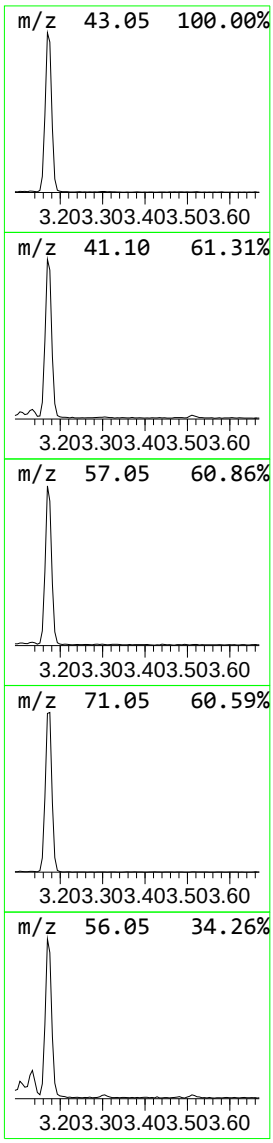
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.170	13.17 ng/ul	652314	1,4-Dichlorobenzene-d4	7.816

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	87
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018997.D
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
Sample : AR1248 50PPM
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1248 50PPM

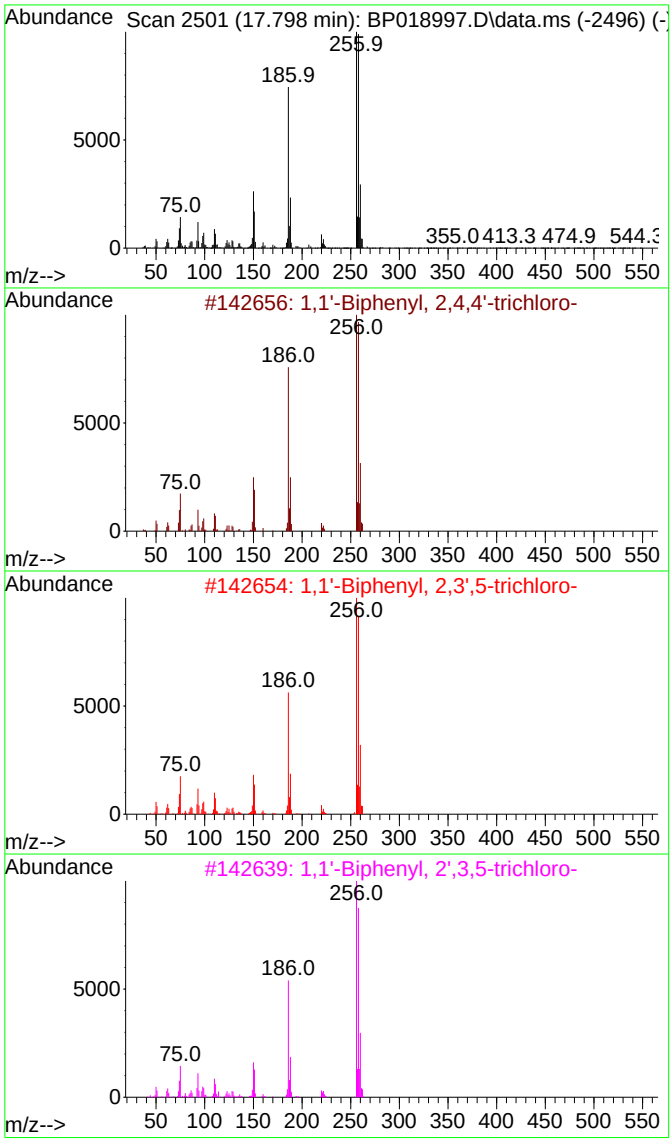
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

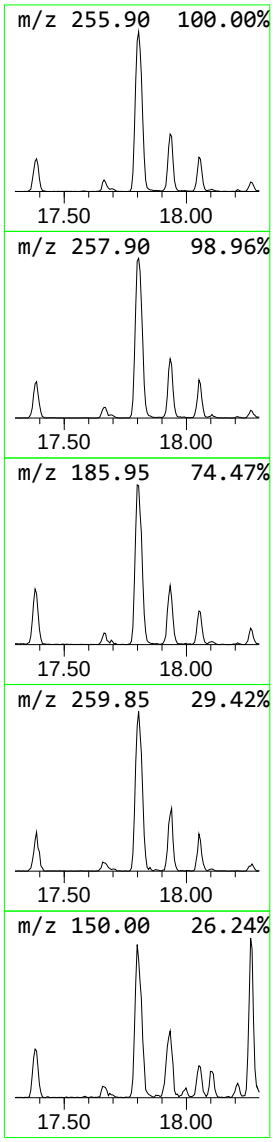
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	3.84 ng/ul	372434	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018997.D
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
Sample : AR1248 50PPM
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1248 50PPM

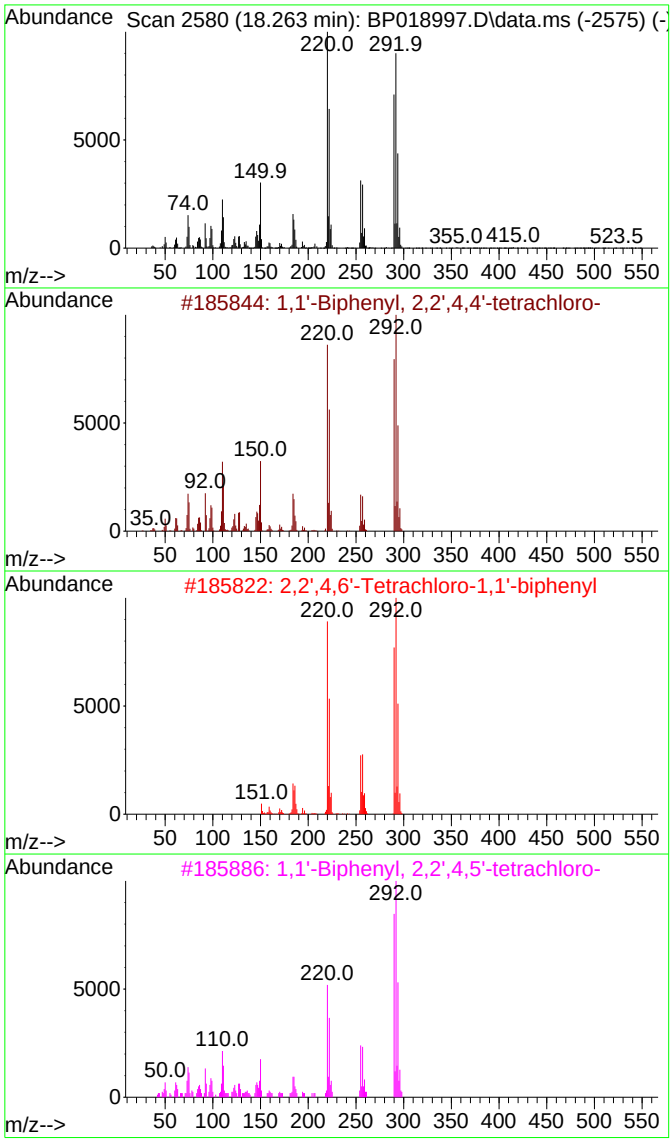
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

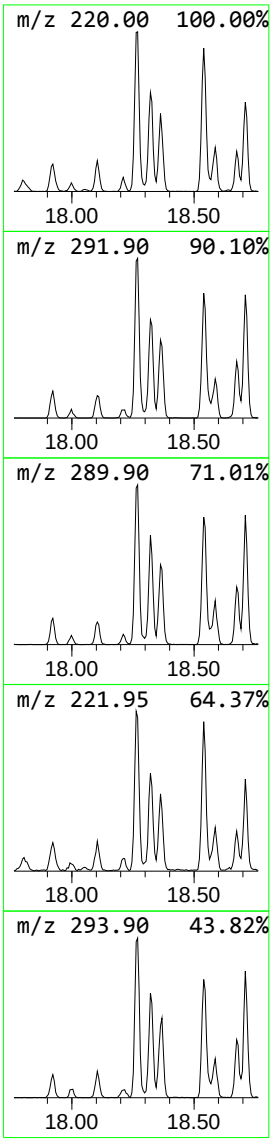
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	3.36 ng/ul	325058	Phenanthrene-d10	17.204

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',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Data File : BP018997.D
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
Sample : AR1248 50PPM
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1248 50PPM

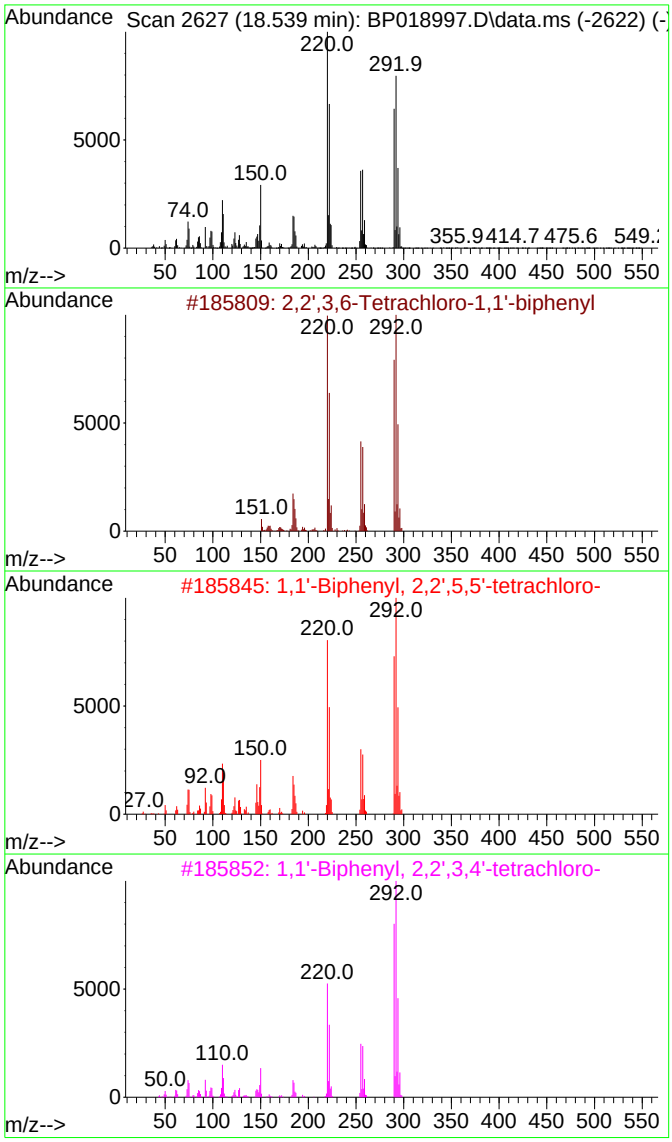
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

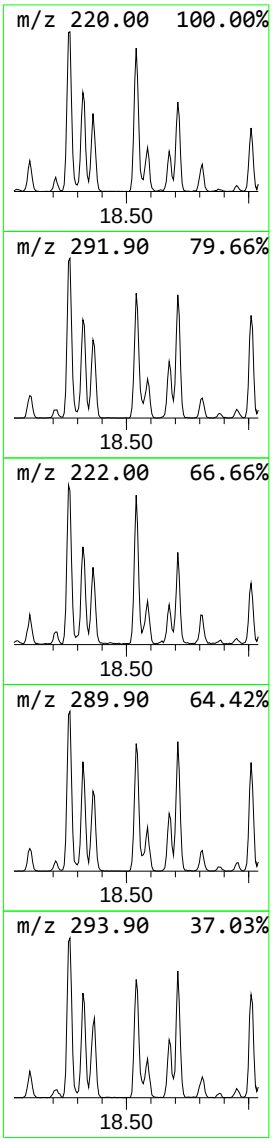
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	2.94 ng/ul	285320	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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AR1248 50PPM

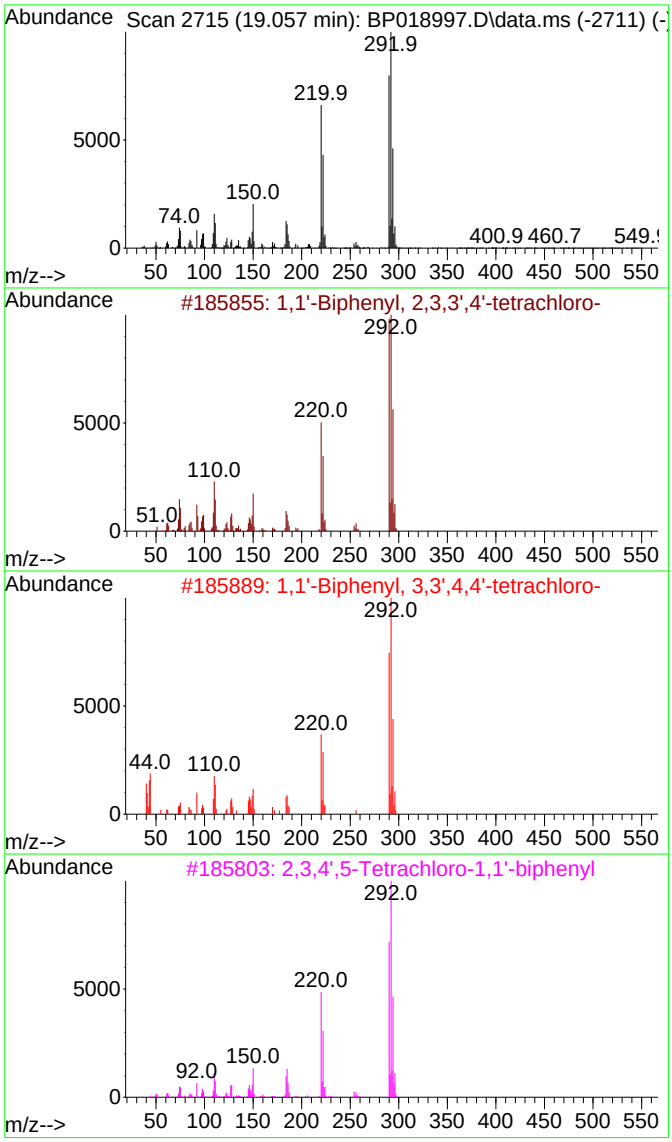
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

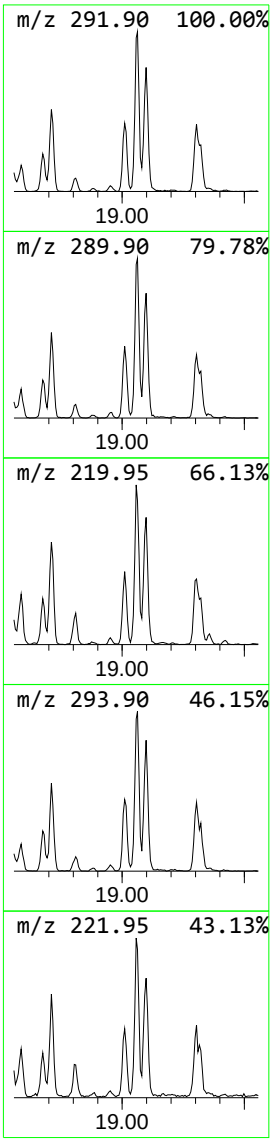
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	3.38 ng/ul	327221	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





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Sample : AR1248 50PPM
Misc :
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Instrument :
BNA_P
ClientSampleId :
AR1248 50PPM

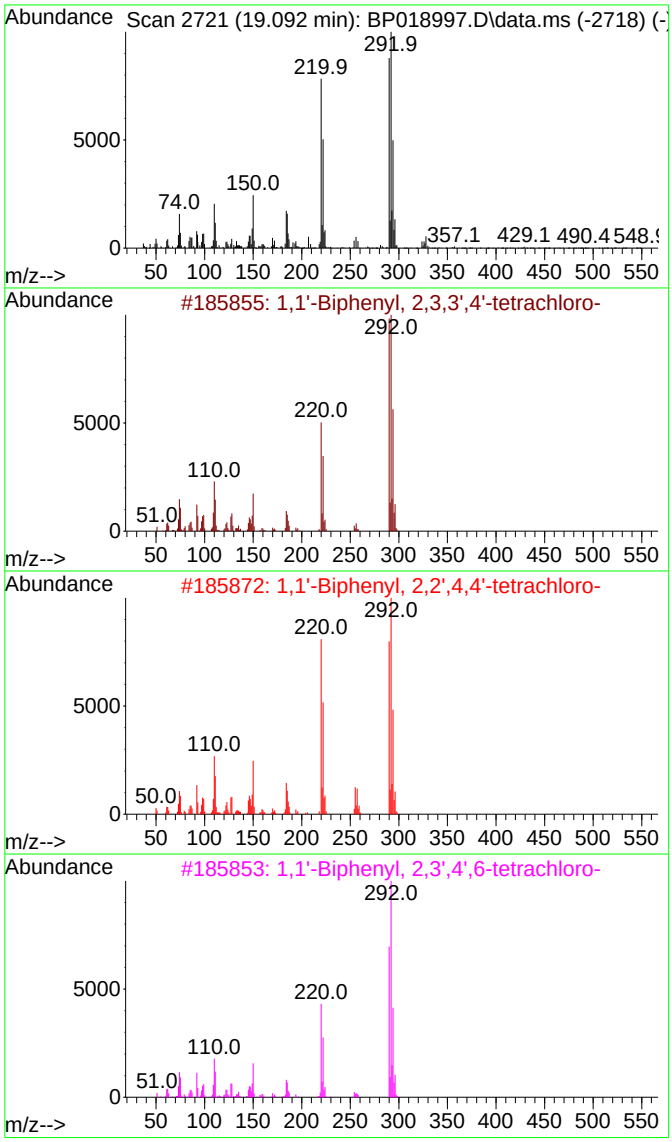
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

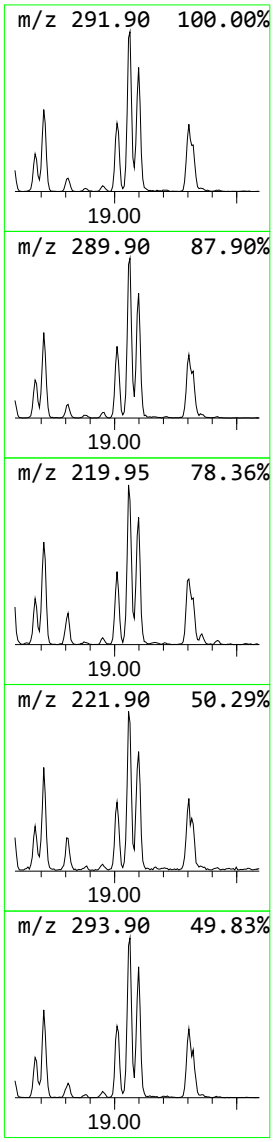
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	3.16 ng/ul	305891	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018997.D
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
Sample : AR1248 50PPM
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AR1248 50PPM

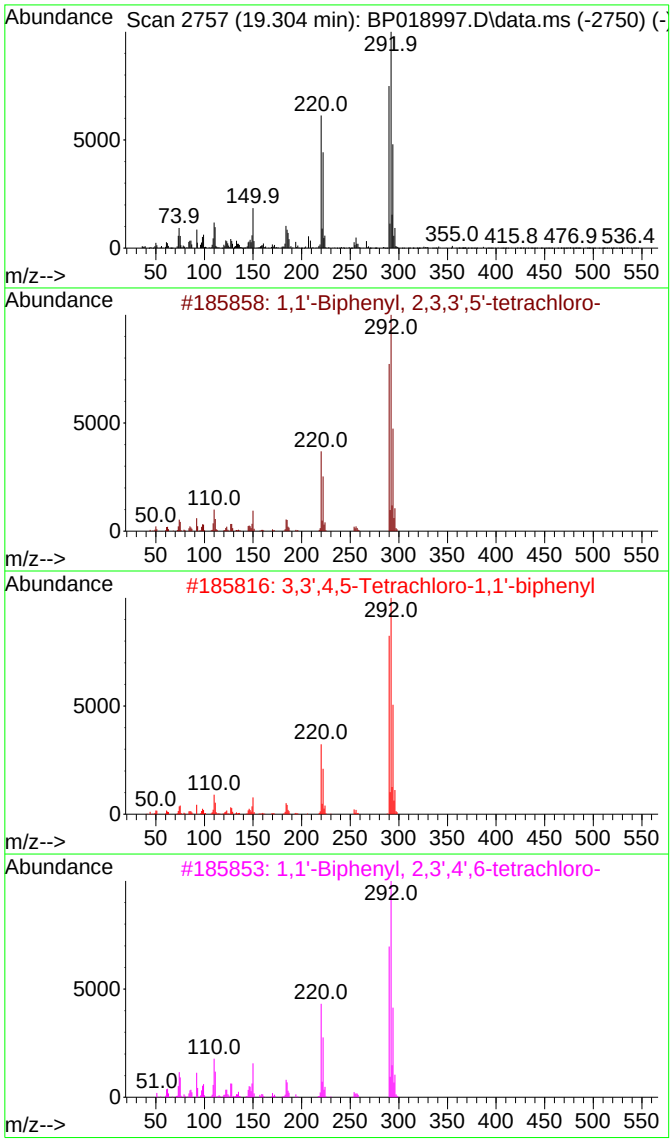
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

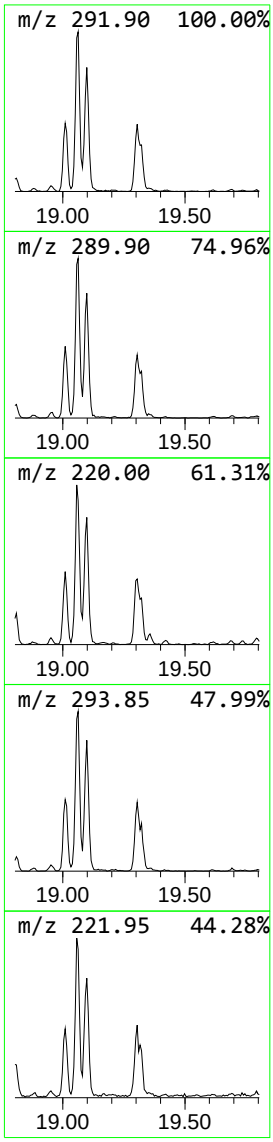
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	2.41 ng/ul	233968	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018997.D
Acq On : 21 Dec 2023 12:23
Operator : MA/JU
Sample : AR1248 50PPM
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1248 50PPM

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
(DEL) Alkane: S...	3.170	13.2	ng/ul	652314	1	7.816	990883	20.0
1,1'-Biphenyl, ...	17.798	3.8	ng/ul	372434	4	17.204	1937740	20.0
1,1'-Biphenyl, ...	18.263	3.4	ng/ul	325058	4	17.204	1937740	20.0
2,2',3,6-Tetrac...	18.539	2.9	ng/ul	285320	4	17.204	1937740	20.0
1,1'-Biphenyl, ...	19.057	3.4	ng/ul	327221	4	17.204	1937740	20.0
1,1'-Biphenyl, ...	19.092	3.2	ng/ul	305891	4	17.204	1937740	20.0
1,1'-Biphenyl, ...	19.304	2.4	ng/ul	233968	5	21.298	1938890	20.0