LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 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-BP091223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017184.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	10	rBV	18073	13952	0.45%	0.072%
2	3.158	10	12	14	rVV	28478	25142	0.81%	0.129%
3	3.193	14	18	22	rVV	576911	581279	18.71%	2.983%
4	3.228	22	24	31	rVB7	10312	15607	0.50%	0.080%
5	3.340	41	43	50	rVB4	12110	18380	0.59%	0.094%
6	3.546	75	78	82	rBV	18143	18899	0.61%	0.097%
7	4.052	161	164	169	rVB	14378	19133	0.62%	0.098%
8	4.205	186	190	196	rVB	26862	34721	1.12%	0.178%
9	4.264	196	200	204	rBV	35504	44354	1.43%	0.228%
10	4.358	212	216	219	rBV	51118	60190	1.94%	0.309%
11	4.399	219	223	228	rVB	49588	59393	1.91%	0.305%
12	4.934	310	314	316	rVB4	3110	3526	0.11%	0.018%
13	5.817	460	464	468	rVB7	1907	4079	0.13%	0.021%
14	5.987	489	493	498	rVB8	6764	11340	0.36%	0.058%
15	6.128	513	517	524	rVB9	2708	5498	0.18%	0.028%
16	6.399	560	563	567	rBV6	2516	4361	0.14%	0.022%
17	6.528	577	585	589	rBV3	12575	22712	0.73%	0.117%
18	6.681	605	611	616	rBV	14363	25023	0.81%	0.128%
19	7.946	819	826	837	rBV	872120	1346012	43.31%	6.908%
20	10.457	1249	1253	1256	rBV6	1941	3227	0.10%	0.017%
21	10.522	1260	1264	1268	rVV6	2221	3490	0.11%	0.018%
22	10.775	1298	1307	1317	rBV	1083417	1813801	58.37%	9.309%
23	10.916	1328	1331	1336	rVB7	2643	4663	0.15%	0.024%
24	13.440	1755	1760	1763	rBV7	3044	4985	0.16%	0.026%
25	13.846	1825	1829	1831	rBV5	3172	4400	0.14%	0.023%
26	14.463	1930	1934	1936	rVB4	3112	4007	0.13%	0.021%
27	14.604	1951	1958	1975	rBV	1590771	2390133	76.91%	12.266%
28	15.410	2092	2095	2101	rVB8	2597	4925	0.16%	0.025%
29	15.581	2121	2124	2125	rBV3	3135	3205	0.10%	0.016%
30	16.575	2289	2293	2294	rBV3	2409	3800	0.12%	0.020%
31	16.592	2294	2296	2299	rVB4	3443	3667	0.12%	0.019%
32	17.057	2372	2375	2378	rBV5	2366	3442	0.11%	0.018%
33	17.163	2390	2393	2397	rVB5	5192	5566	0.18%	0.029%
34	17.239	2401	2406	2410	rBV7	9403	15791	0.51%	0.081%
35	17.381	2423	2430	2444	rBV	2115042	3107512	100.00%	15.948%
36	17.951	2524	2527	2534	rBV8	10459	25231	0.81%	0.129%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 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-BP091223.MA.M
Title : SVOA CALIBRATION

37	18.416	2601	2606	2611	rBV	254226	317502	10.22%	1.629%
38	18.469	2611	2615	2620	rVV	49513	68815	2.21%	0.353%
39	18.510	2620	2622	2627	rVB6	8721	12194	0.39%	0.063%
40	18.692	2648	2653	2658	rBV2	98347	122071	3.93%	0.626%
41	18.863	2679	2682	2687	rVB4	27406	34847	1.12%	0.179%
42	19.157	2729	2732	2735	rBV	32584	34685	1.12%	0.178%
43	19.228	2737	2744	2752	rVV2	312705	603826	19.43%	3.099%
44	19.316	2755	2759	2763	rVV3	42291	50991	1.64%	0.262%
45	19.428	2774	2778	2781	rBV3	65175	82840	2.67%	0.425%
46	19.504	2786	2791	2796	rVV	498209	592886	19.08%	3.043%
47	19.563	2797	2801	2806	rVB	139551	164650	5.30%	0.845%
48	19.757	2830	2834	2839	rBV	113869	146431	4.71%	0.751%
49	19.839	2844	2848	2852	rVV2	187384	222865	7.17%	1.144%
50	19.886	2853	2856	2859	rVV3	53281	61767	1.99%	0.317%
51	19.939	2860	2865	2870	rVB	404665	505482	16.27%	2.594%
52	20.051	2881	2884	2887	rBV4	27670	34635	1.11%	0.178%
53	20.086	2887	2890	2897	rVB5	52710	88158	2.84%	0.452%
54	20.192	2904	2908	2913	rBV2	165888	211976	6.82%	1.088%
55	20.245	2913	2917	2922	rBV	314743	368185	11.85%	1.890%
56	20.463	2950	2954	2959	rBV2	166388	199782	6.43%	1.025%
57	20.522	2961	2964	2967	rVV2	93714	123704	3.98%	0.635%
58	20.551	2967	2969	2974	rVB	119847	130537	4.20%	0.670%
59	20.757	3001	3004	3005	rBV2	55293	66438	2.14%	0.341%
60	20.780	3005	3008	3014	rVB2	211403	271319	8.73%	1.392%
61	21.480	3122	3127	3137	rBV	2220198	2848715	91.67%	14.620%
62	24.004	3549	3556	3567	rVB	1137325	2404573	77.38%	12.340%

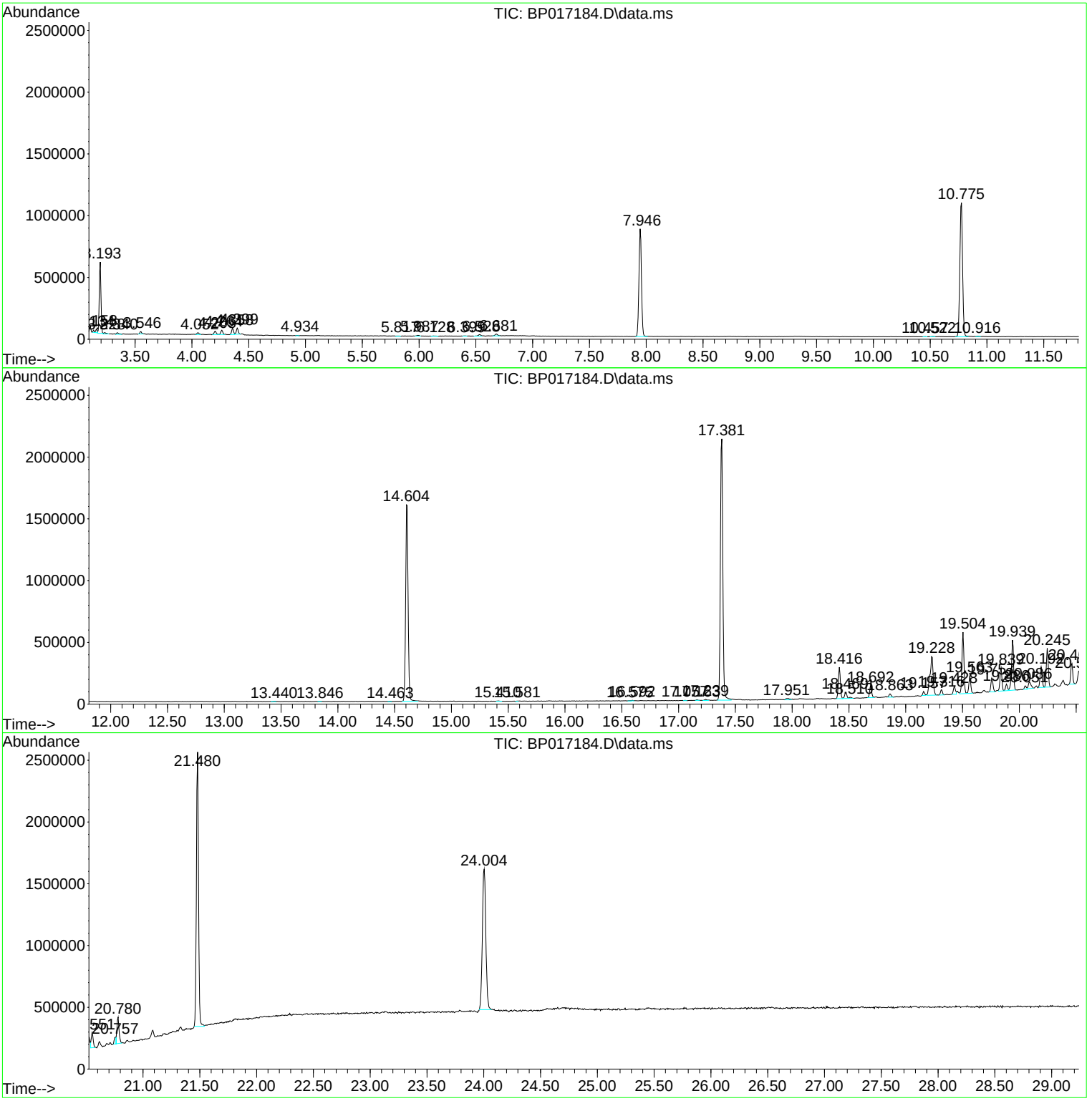
Sum of corrected areas: 19485320

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254-50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.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\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254-50PPM

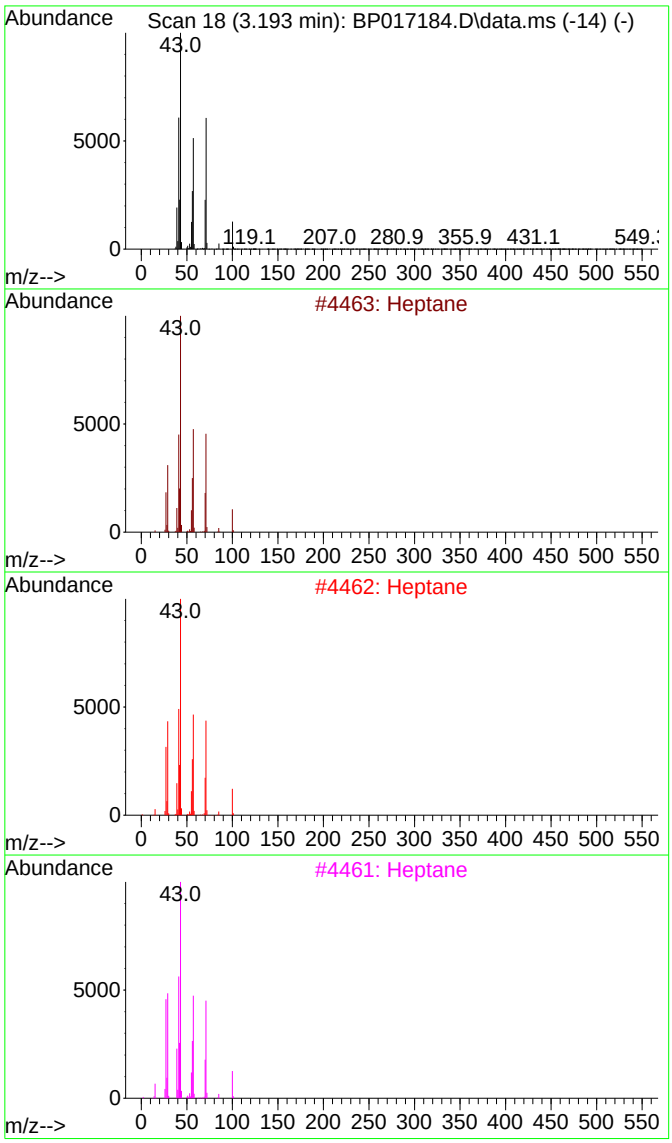
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

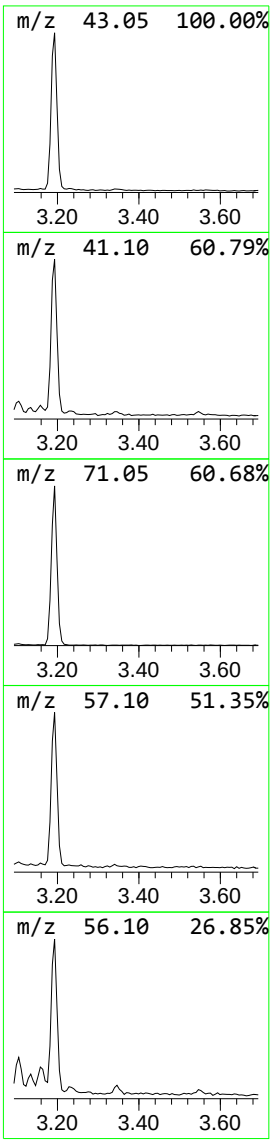
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.193 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.193	8.64 ng/ul	581279	1,4-Dichlorobenzene-d4	7.946

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	87
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254-50PPM

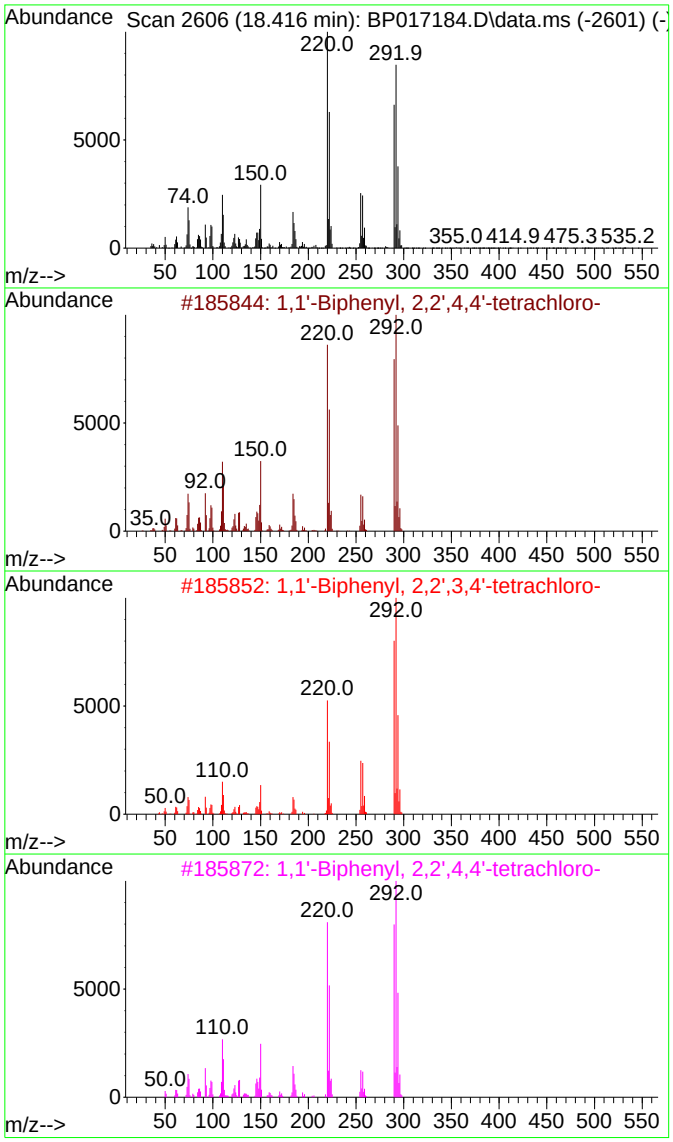
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

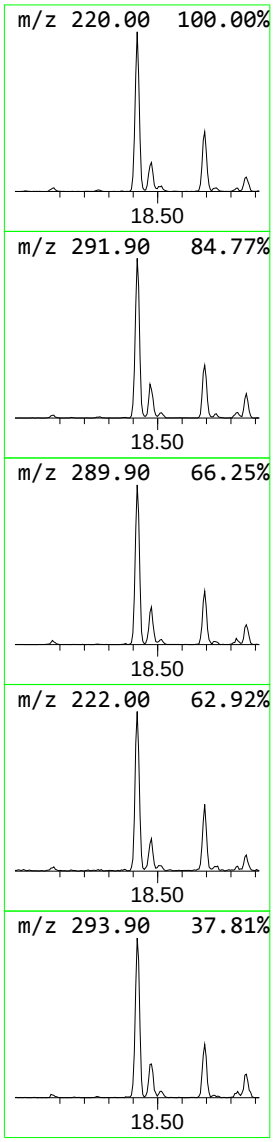
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	2.04 ng/ul	317502	Phenanthrene-d10	17.381

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'-tetrach...	290	C12H6Cl4	036559-22-5	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	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254-50PPM

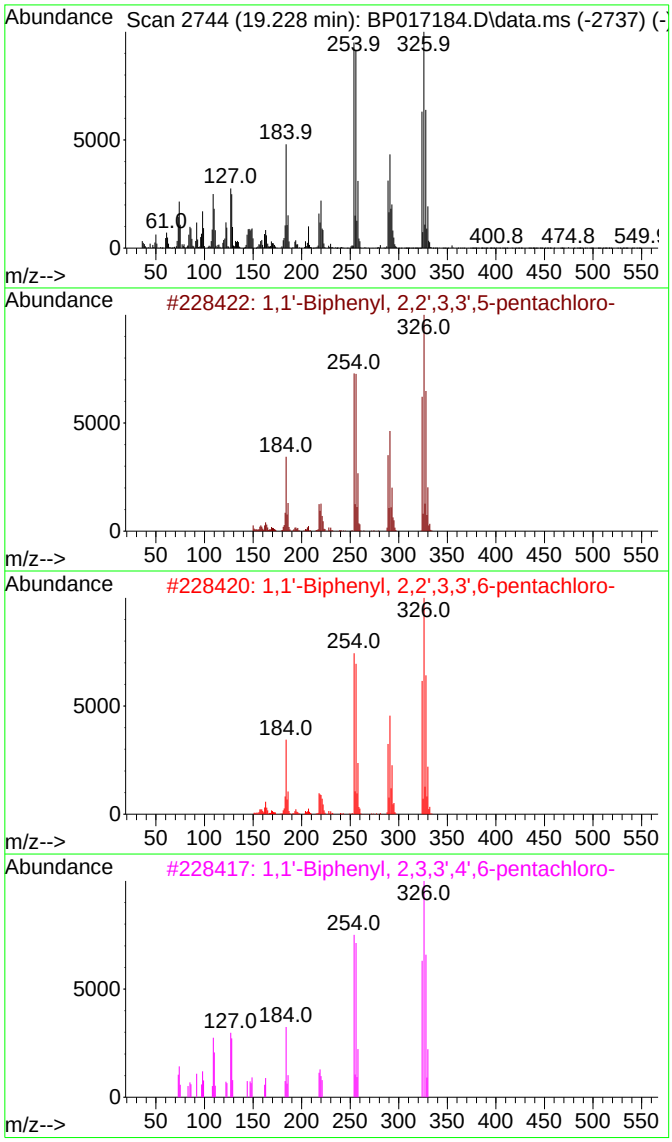
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

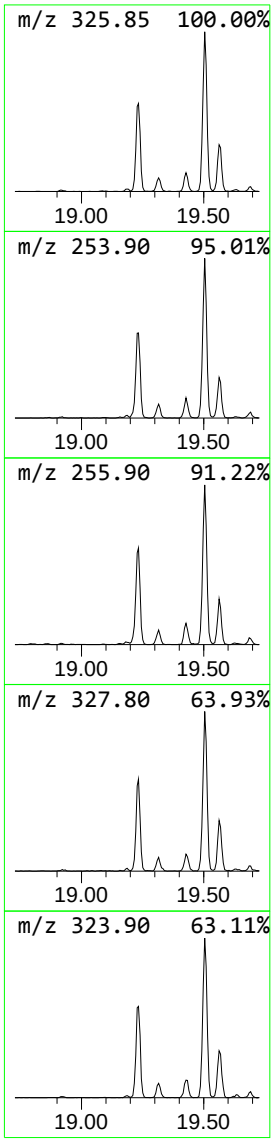
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.228	3.89 ng/ul	603826	Phenanthrene-d10	17.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	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\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254-50PPM

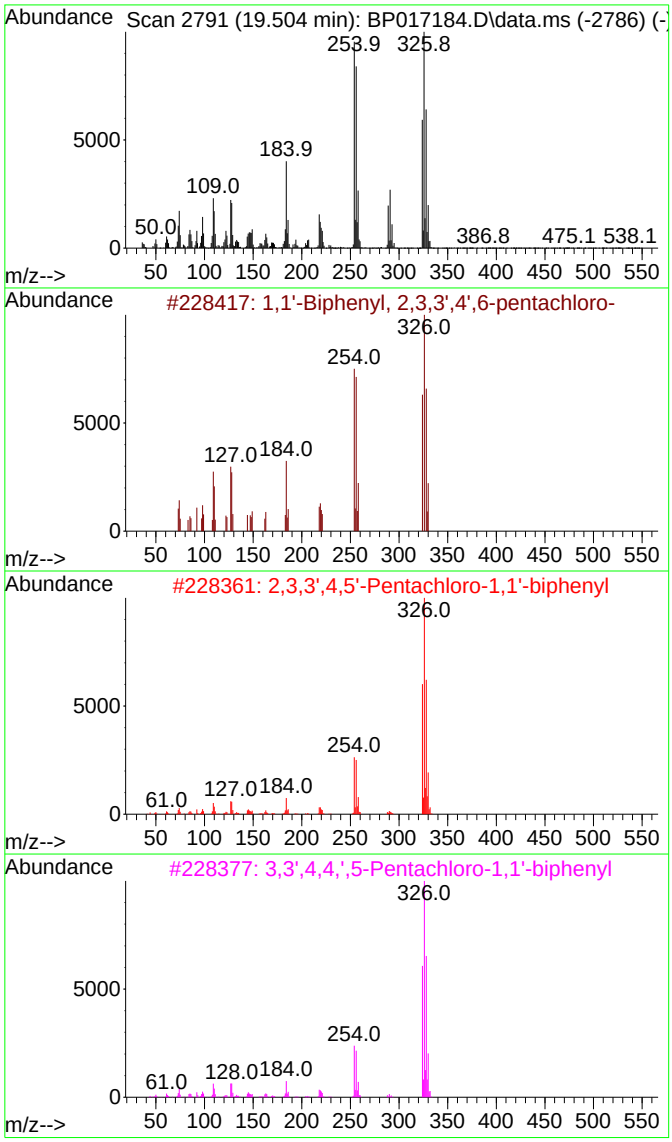
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

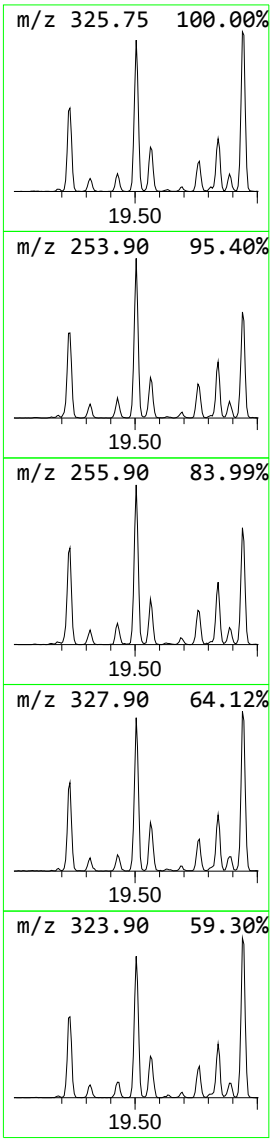
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.504	4.16 ng/ul	592886	Chrysene-d12	21.480

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	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254-50PPM

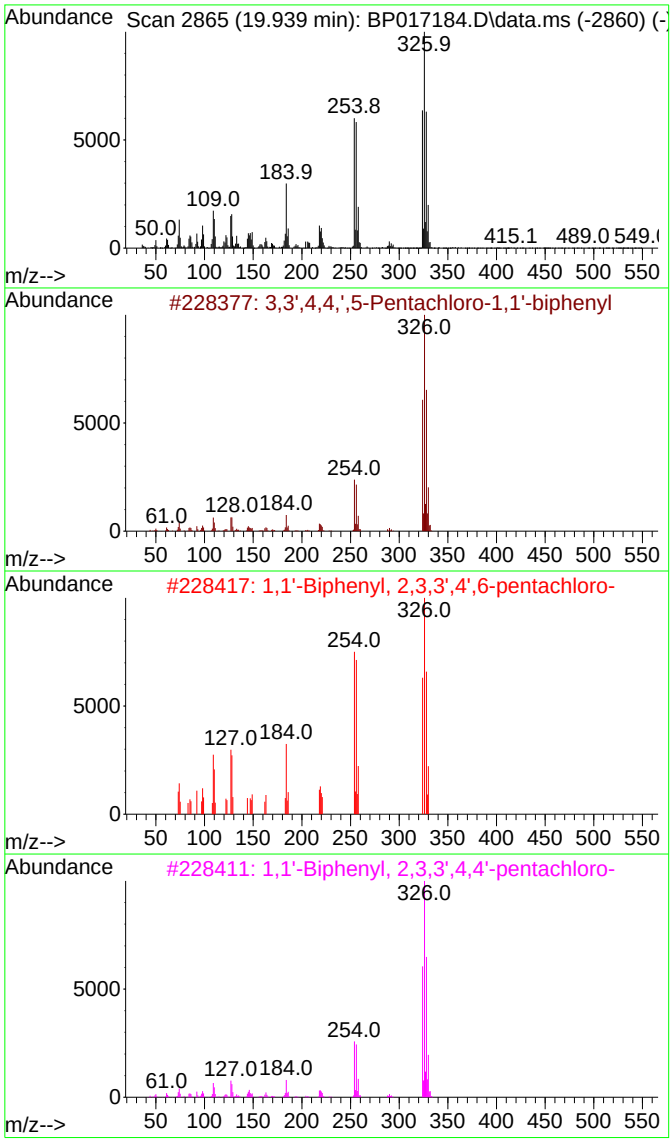
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

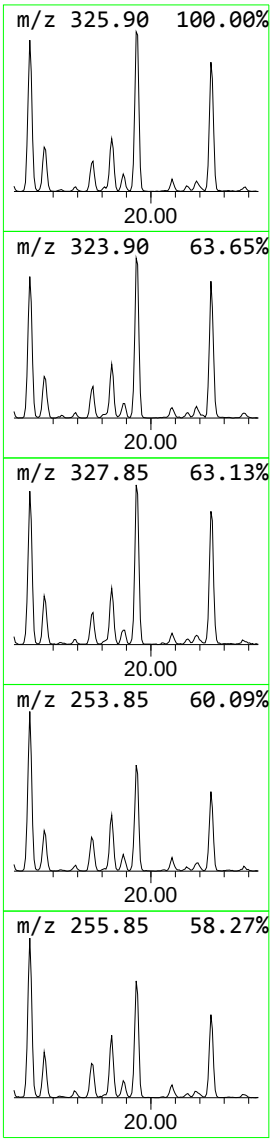
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.939	3.55 ng/ul	505482	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	99
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254-50PPM

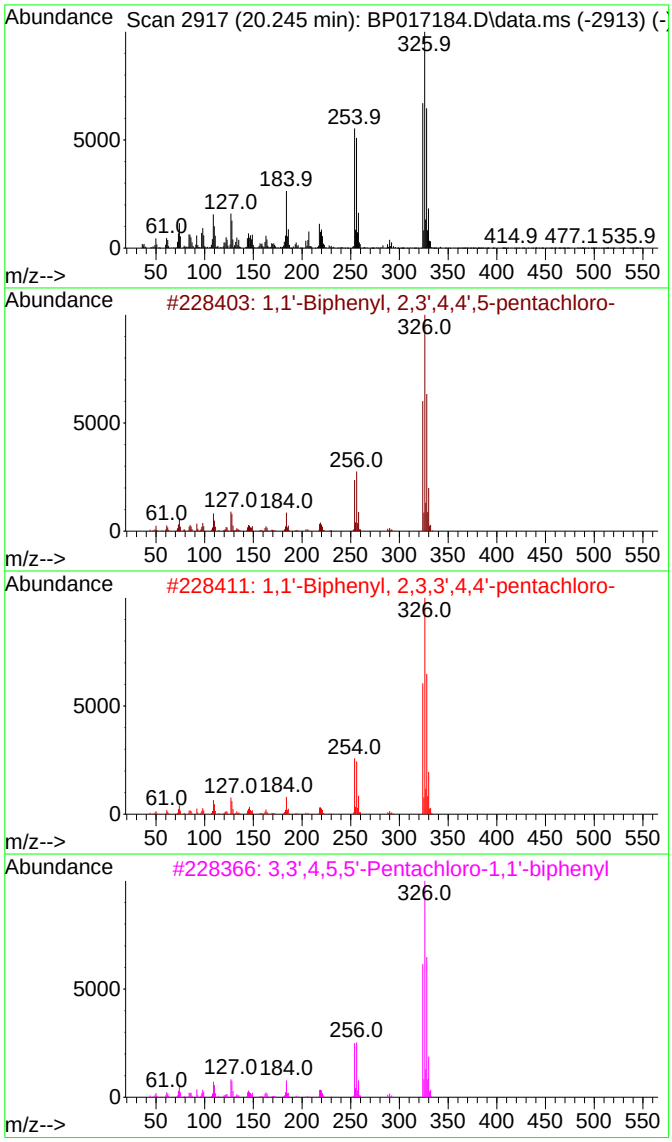
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

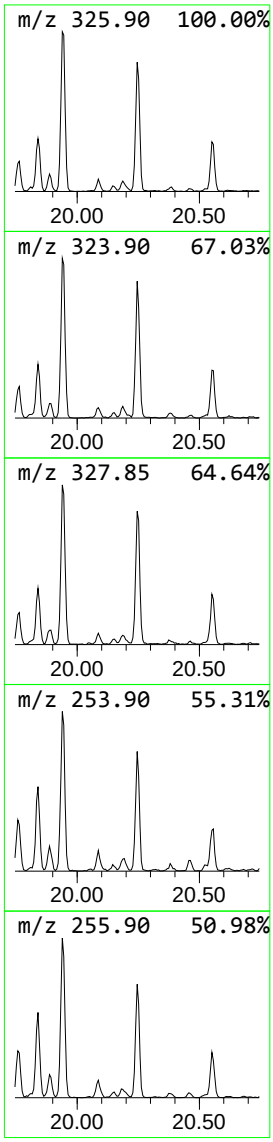
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.245	2.58 ng/ul	368185	Chrysene-d12	21.480

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',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017184.D
Acq On : 14 Sep 2023 19:14
Operator : MA/JU
Sample : AR1254-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1254-50PPM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.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...	3.193	8.6	ng/ul	581279	1	7.946	1346010	20.0
1,1'-Biphenyl, ...	18.416	2.0	ng/ul	317502	4	17.381	3107510	20.0
1,1'-Biphenyl, ...	19.228	3.9	ng/ul	603826	4	17.381	3107510	20.0
1,1'-Biphenyl, ...	19.504	4.2	ng/ul	592886	5	21.480	2848720	20.0
3,3',4,4',5-Pe...	19.939	3.5	ng/ul	505482	5	21.480	2848720	20.0
1,1'-Biphenyl, ...	20.245	2.6	ng/ul	368185	5	21.480	2848720	20.0