LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

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: BP017183.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	rBV2	17098	15280	0.47%	0.076%
2	3.164	10	13	14	rVV	30790	28933	0.90%	0.143%
3	3.193	14	18	22	rVV	625586	609041	18.92%	3.019%
4	3.234	22	25	30	rVB5	10684	15273	0.47%	0.076%
5	3.346	41	44	49	rVB4	12619	14078	0.44%	0.070%
6	3.552	75	79	85	rVB2	21660	28165	0.87%	0.140%
7	3.646	93	95	98	rVB4	3726	3363	0.10%	0.017%
8	4.052	160	164	168	rBV	15083	19545	0.61%	0.097%
9	4.205	186	190	195	rBV2	29717	35464	1.10%	0.176%
10	4.264	196	200	206	rVB	39675	50264	1.56%	0.249%
11	4.358	212	216	220	rBV	52796	65287	2.03%	0.324%
12	4.399	220	223	228	rVV	54472	67907	2.11%	0.337%
13	4.440	228	230	234	rVB3	5910	7372	0.23%	0.037%
14	5.993	490	494	498	rBV6	7561	10484	0.33%	0.052%
15	6.458	570	573	578	rVB7	2564	4758	0.15%	0.024%
16	6.534	580	586	590	rBV2	17057	28902	0.90%	0.143%
17	6.681	605	611	617	rBV2	18681	31765	0.99%	0.157%
18	7.005	662	666	670	rVV7	4559	6027	0.19%	0.030%
19	7.052	672	674	677	rVB4	2904	3226	0.10%	0.016%
20	7.946	818	826	833	rBV	955400	1457707	45.28%	7.226%
21	10.775	1298	1307	1321	rBV	1152387	1943793	60.38%	9.635%
22	12.599	1610	1617	1618	rBV7	2194	3399	0.11%	0.017%
23	12.710	1632	1636	1643	rVB10	2994	7223	0.22%	0.036%
24	12.769	1643	1646	1649	rBV4	2337	3334	0.10%	0.017%
25	14.610	1949	1959	1970	rBV	1689912	2482321	77.11%	12.304%
26	14.728	1973	1979	1985	rVB	21424	36752	1.14%	0.182%
27	15.551	2114	2119	2123	rBV7	6018	11470	0.36%	0.057%
28	15.857	2165	2171	2177	rBV	136912	195109	6.06%	0.967%
29	16.298	2240	2246	2251	rVV	34124	50266	1.56%	0.249%
30	16.469	2267	2275	2281	rBV	60476	89891	2.79%	0.446%
31	16.587	2289	2295	2303	rBV	292282	411914	12.79%	2.042%
32	16.704	2314	2315	2319	rBV4	2394	3626	0.11%	0.018%
33	16.892	2342	2347	2352	rVB	35753	52149	1.62%	0.258%
34	17.157	2390	2392	2397	rVB4	4402	6267	0.19%	0.031%
35	17.239	2400	2406	2409	rBV	344943	497491	15.45%	2.466%
36	17.269	2409	2411	2420	rVB	137261	178221	5.54%	0.883%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

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	17.381	2420	2430	2439	rBV	2157896	3219338	100.00%	15.958%
38	17.534	2451	2456	2466	rVB2	191127	298420	9.27%	1.479%
39	17.722	2484	2488	2495	rBV9	5385	12053	0.37%	0.060%
40	17.816	2499	2504	2507	rVV2	58087	80776	2.51%	0.400%
41	17.839	2507	2508	2517	rVB5	27679	34547	1.07%	0.171%
42	17.957	2522	2528	2535	rBV	442448	797087	24.76%	3.951%
43	18.086	2543	2550	2555	rBV	249264	352520	10.95%	1.747%
44	18.151	2557	2561	2565	rBV6	11452	15388	0.48%	0.076%
45	18.210	2566	2571	2575	rBV	125008	160436	4.98%	0.795%
46	18.257	2575	2579	2588	rVB2	42415	59706	1.85%	0.296%
47	18.363	2594	2597	2602	rBV7	16239	19634	0.61%	0.097%
48	18.416	2602	2606	2611	rVV	164338	213343	6.63%	1.058%
49	18.469	2611	2615	2619	rVV	110360	151188	4.70%	0.749%
50	18.510	2619	2622	2627	rVB2	99546	124571	3.87%	0.617%
51	18.692	2648	2653	2658	rBV	146769	217411	6.75%	1.078%
52	18.734	2658	2660	2665	rVV	51321	62140	1.93%	0.308%
53	18.798	2667	2671	2673	rVV	74777	97639	3.03%	0.484%
54	18.822	2673	2675	2678	rVV2	47734	58111	1.81%	0.288%
55	18.863	2678	2682	2687	rVB	115359	140367	4.36%	0.696%
56	18.963	2695	2699	2703	rBV4	34465	44548	1.38%	0.221%
57	19.157	2728	2732	2736	rBV	87729	108221	3.36%	0.536%
58	19.210	2737	2741	2744	rVV	165907	221926	6.89%	1.100%
59	19.245	2744	2747	2754	rVB2	149501	199211	6.19%	0.987%
60	19.457	2779	2783	2784	rBV	62972	77216	2.40%	0.383%
61	19.504	2788	2791	2798	rVB3	52102	61625	1.91%	0.305%
62	19.563	2799	2801	2805	rVB4	21703	19378	0.60%	0.096%
63	19.939	2863	2865	2869	rVB3	33260	38628	1.20%	0.191%
64	21.480	3122	3127	3134	rBV	2033187	2576996	80.05%	12.774%
65	24.004	3550	3556	3565	rVB	1133378	2235706	69.45%	11.082%

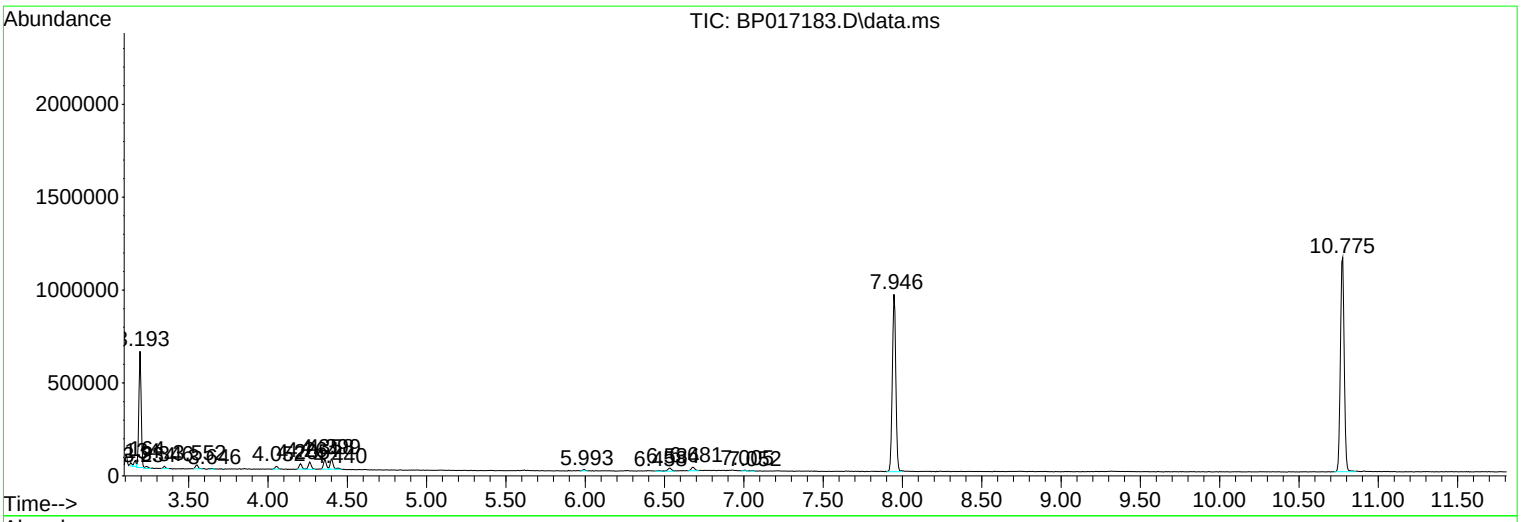
Sum of corrected areas: 20174197

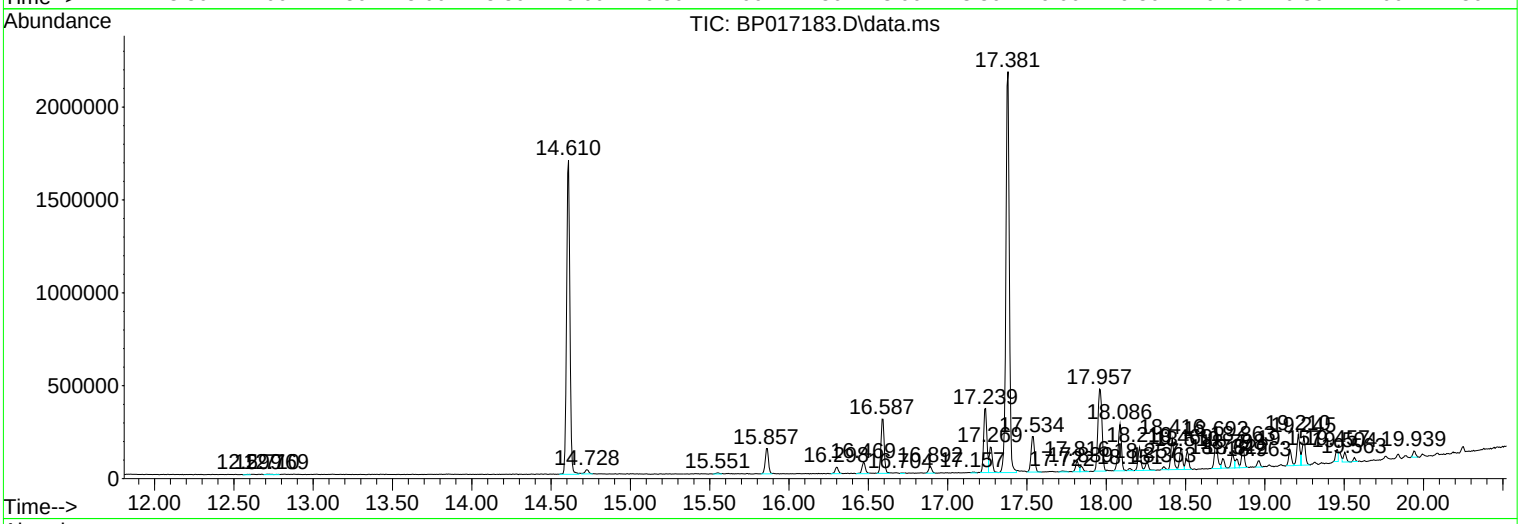
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

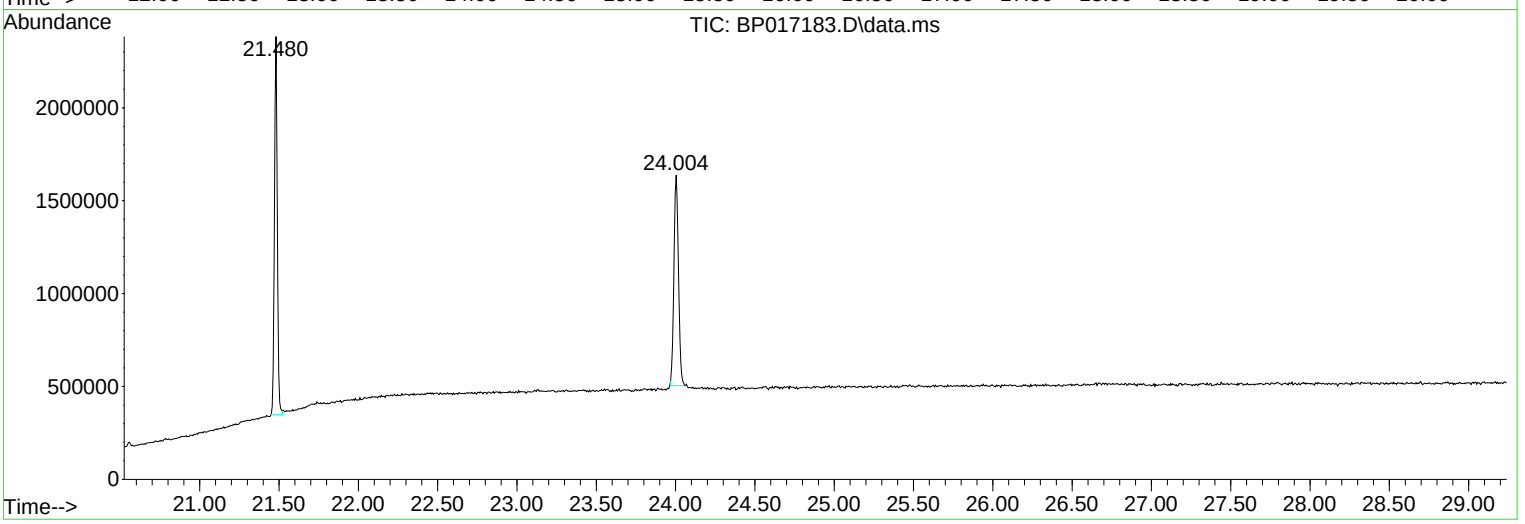
Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

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 : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

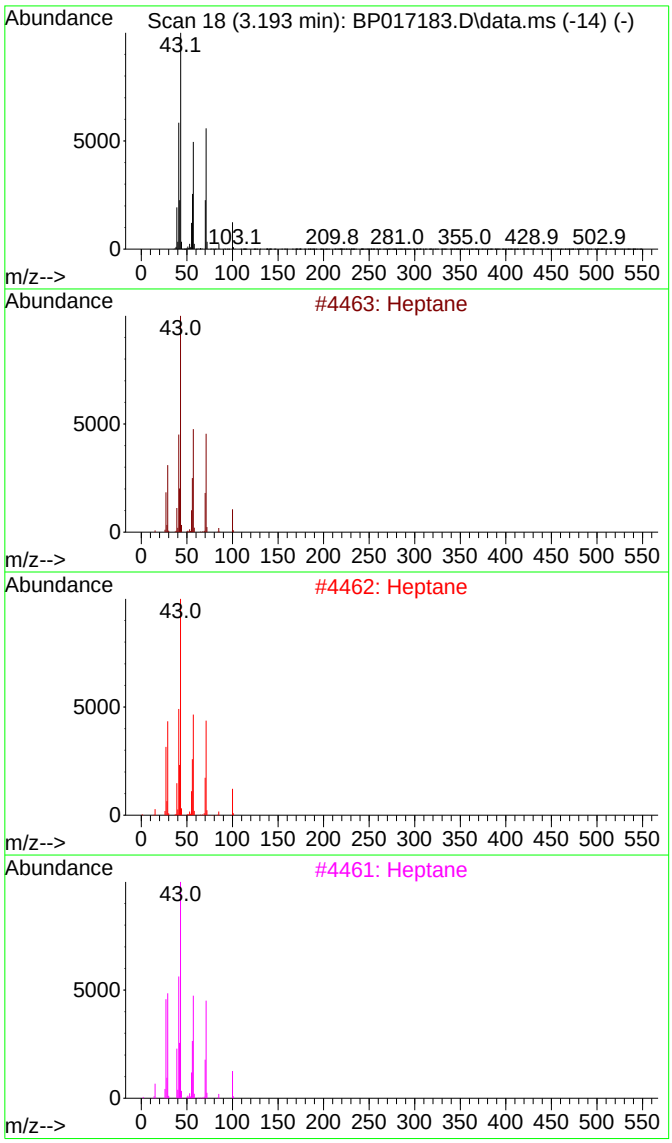
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

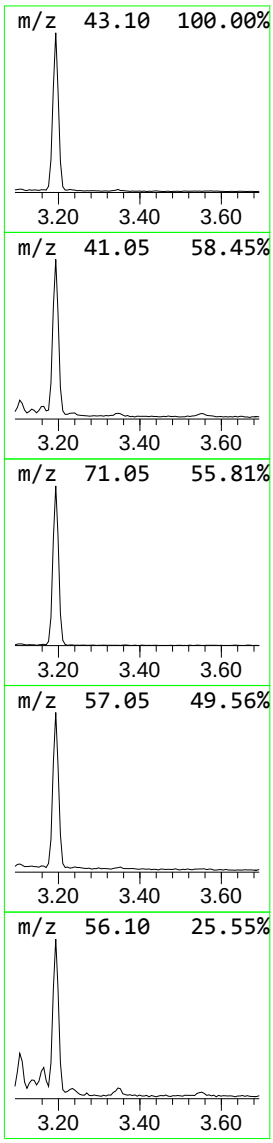
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.193	8.36 ng/ul	609041	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	83
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

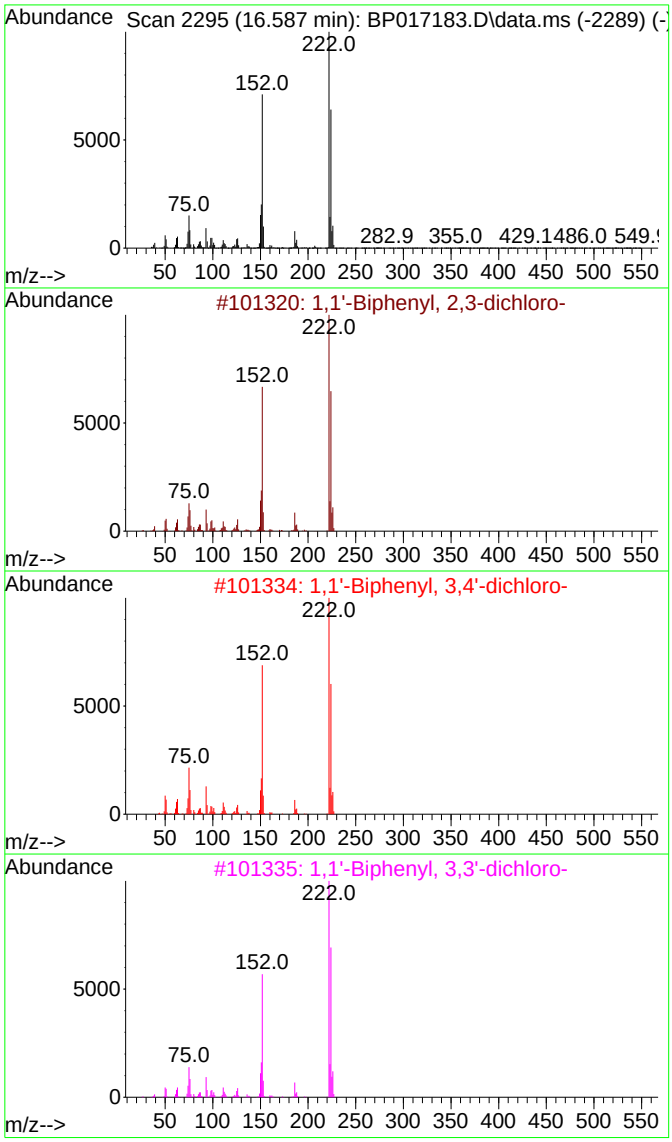
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

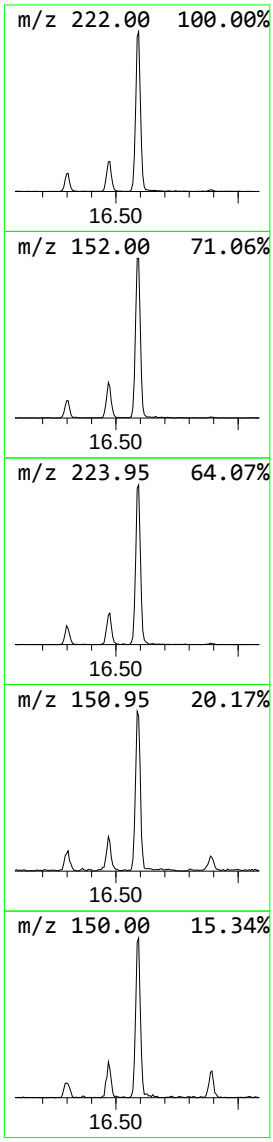
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.587	2.56 ng/ul	411914	Phenanthrene-d10	17.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	98
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

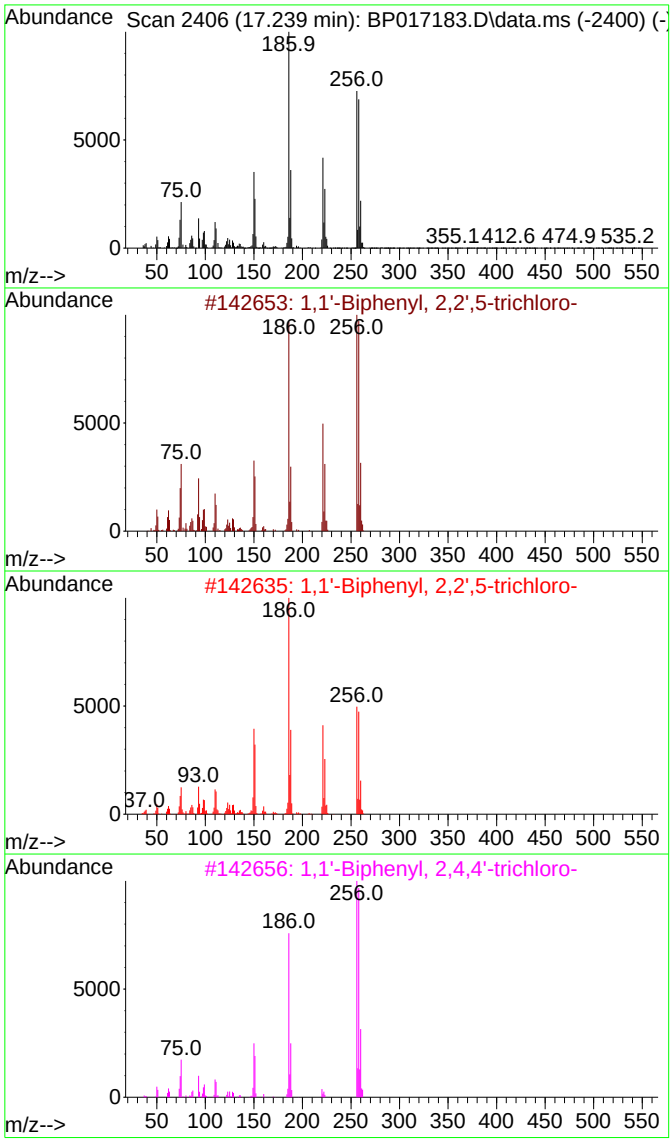
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

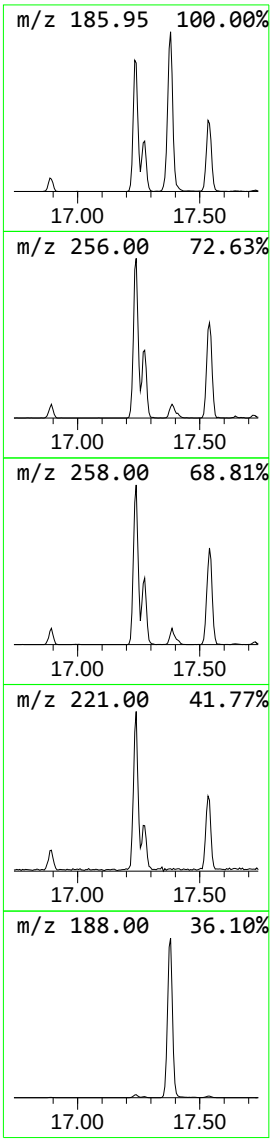
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.240	3.09 ng/ul	497491	Phenanthrene-d10	17.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

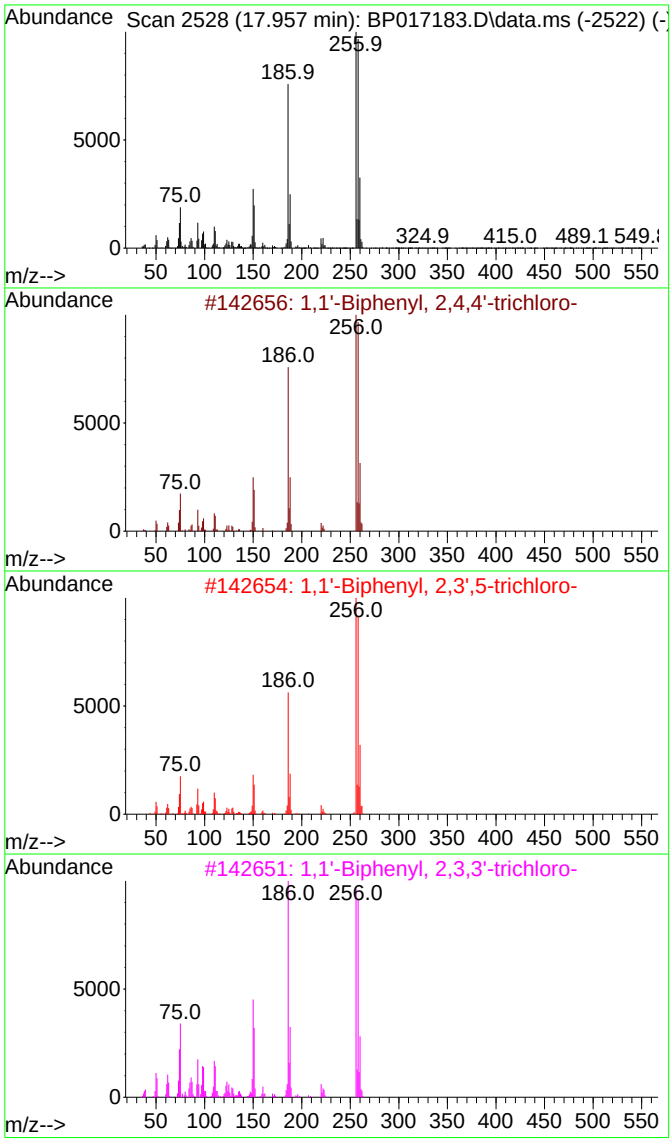
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

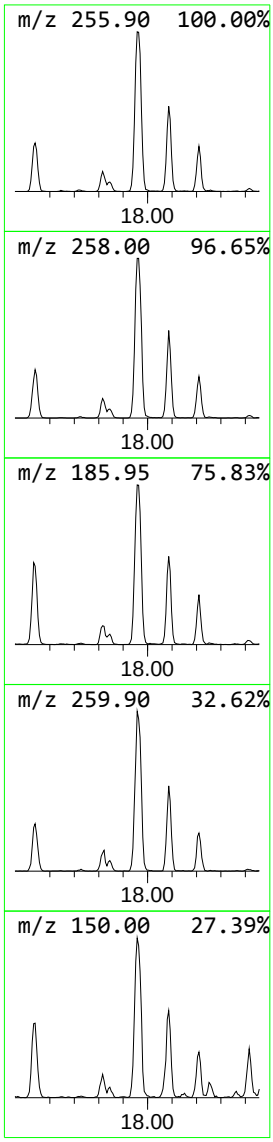
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	4.95 ng/ul	797087	Phenanthrene-d10	17.381

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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

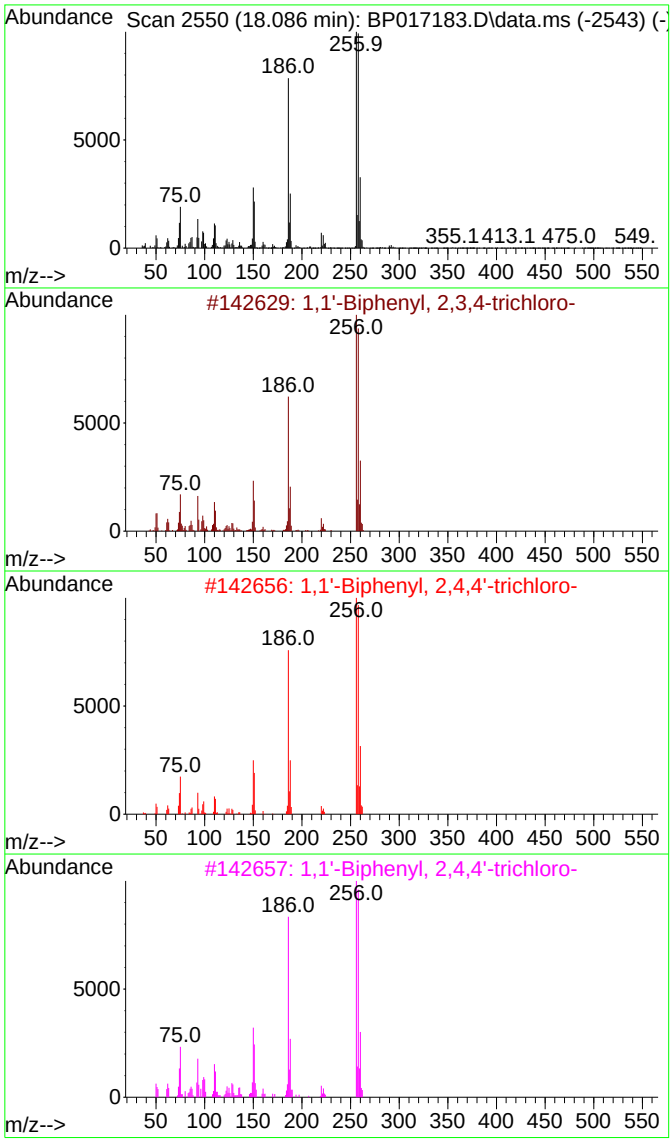
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

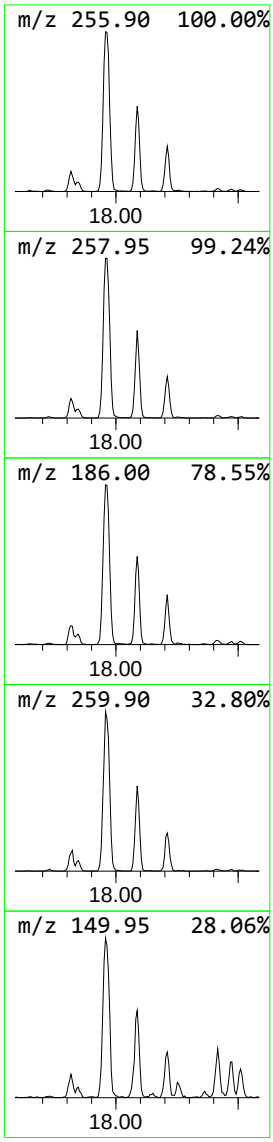
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.087	2.19 ng/ul	352520	Phenanthrene-d10	17.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017183.D
Acq On : 14 Sep 2023 18:40
Operator : MA/JU
Sample : AR1242-50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AR1242-50PPM

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: S...	3.193	8.4	ng/ul	609041	1	7.946	1457710	20.0
1,1'-Biphenyl, ...	16.587	2.6	ng/ul	411914	4	17.381	3219340	20.0
1,1'-Biphenyl, ...	17.240	3.1	ng/ul	497491	4	17.381	3219340	20.0
1,1'-Biphenyl, ...	17.957	5.0	ng/ul	797087	4	17.381	3219340	20.0
1,1'-Biphenyl, ...	18.087	2.2	ng/ul	352520	4	17.381	3219340	20.0