LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013525.D
Acq On : 18 Jan 2023 17:04
Operator : CG/JU
Sample : 01145-11DL 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43X9DL

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: BP013525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.046	142	146	151	rVB	31999	41994	0.28%	0.089%
2	7.063	654	659	670	rVB	38313	71243	0.47%	0.152%
3	7.228	682	687	693	rBV	34048	51253	0.34%	0.109%
4	7.428	716	721	726	rVB	37008	58483	0.38%	0.124%
5	7.899	793	801	809	rBV	1575090	2494745	16.41%	5.306%
6	8.610	917	922	929	rBV2	32928	66060	0.43%	0.141%
7	9.069	994	1000	1008	rBV2	29402	62463	0.41%	0.133%
8	9.793	1118	1123	1129	rBV3	21784	40525	0.27%	0.086%
9	10.340	1210	1216	1226	rBV2	26355	59437	0.39%	0.126%
10	10.710	1271	1279	1289	rBV	2149513	3616493	23.79%	7.692%
11	10.863	1299	1305	1315	rVB8	21065	57143	0.38%	0.122%
12	13.193	1695	1701	1705	rBV9	8435	16402	0.11%	0.035%
13	13.957	1824	1831	1840	rBV	76664	123486	0.81%	0.263%
14	14.240	1872	1879	1886	rBV	82108	128570	0.85%	0.273%
15	14.545	1923	1931	1941	rBV	3282061	4688888	30.85%	9.973%
16	15.540	2095	2100	2106	rBV	117531	175208	1.15%	0.373%
17	15.675	2119	2123	2128	rBV8	11022	17051	0.11%	0.036%
18	15.822	2145	2148	2156	rVB	651694	903918	5.95%	1.923%
19	15.910	2158	2163	2170	rVB3	22451	39115	0.26%	0.083%
20	16.134	2196	2201	2210	rBV	416811	556013	3.66%	1.183%
21	16.245	2214	2220	2226	rVB	8226	19899	0.13%	0.042%
22	16.357	2236	2239	2243	rBV5	12550	15365	0.10%	0.033%
23	16.410	2243	2248	2252	rBV4	29170	43082	0.28%	0.092%
24	16.528	2263	2268	2280	rVB	119941	167376	1.10%	0.356%
25	16.828	2314	2319	2324	rBV3	55689	80111	0.53%	0.170%
26	17.175	2374	2378	2381	rBV	70644	100858	0.66%	0.215%
27	17.216	2381	2385	2393	rVB	98296	143084	0.94%	0.304%
28	17.304	2393	2400	2412	rBV	3816118	5163123	33.97%	10.981%
29	17.404	2412	2417	2424	rVV	112004	185522	1.22%	0.395%
30	17.481	2425	2430	2437	rVB2	93018	142543	0.94%	0.303%
31	17.751	2473	2476	2479	rBV3	27506	27578	0.18%	0.059%
32	17.904	2494	2502	2509	rBV2	237927	491998	3.24%	1.046%
33	18.022	2516	2522	2528	rBV3	82176	135384	0.89%	0.288%
34	18.145	2539	2543	2546	rBV2	62592	81260	0.53%	0.173%
35	18.181	2546	2549	2550	rBV3	23264	27981	0.18%	0.060%
36	18.357	2574	2579	2585	rBV3	67176	100216	0.66%	0.213%

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

37	18.416	2585	2589	2592	rVV3	59086	78646	0.52%	0.167%
38	18.451	2592	2595	2600	rVB3	62648	84816	0.56%	0.180%
39	18.628	2621	2625	2630	rBV4	52507	85937	0.57%	0.183%
40	18.675	2631	2633	2638	rVV5	30518	35682	0.23%	0.076%
41	18.733	2639	2643	2646	rVV2	32891	52005	0.34%	0.111%
42	18.763	2646	2648	2651	rVV3	31939	37729	0.25%	0.080%
43	18.798	2651	2654	2660	rVB3	62193	83566	0.55%	0.178%
44	19.639	2793	2797	2801	rBV	145721	186262	1.23%	0.396%
45	21.292	3073	3078	3082	rBV	13709413	15198984	100.00%	32.326%
46	21.392	3090	3095	3102	rBV	4005380	5091439	33.50%	10.829%
47	23.845	3506	3512	3523	rVB2	2995988	5888829	38.74%	12.525%

Sum of corrected areas: 47017765

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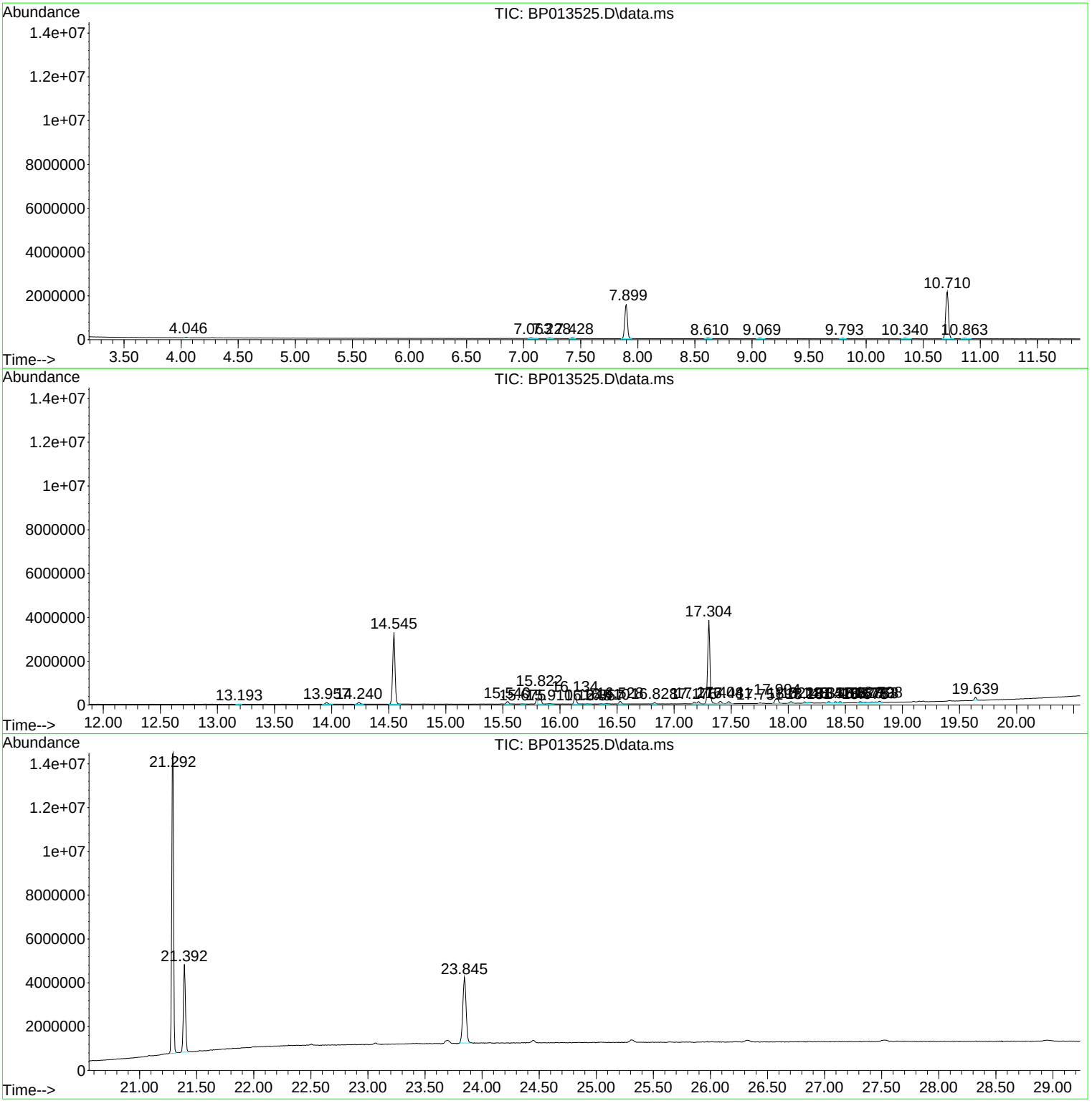
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 10 Sample Multiplier: 1

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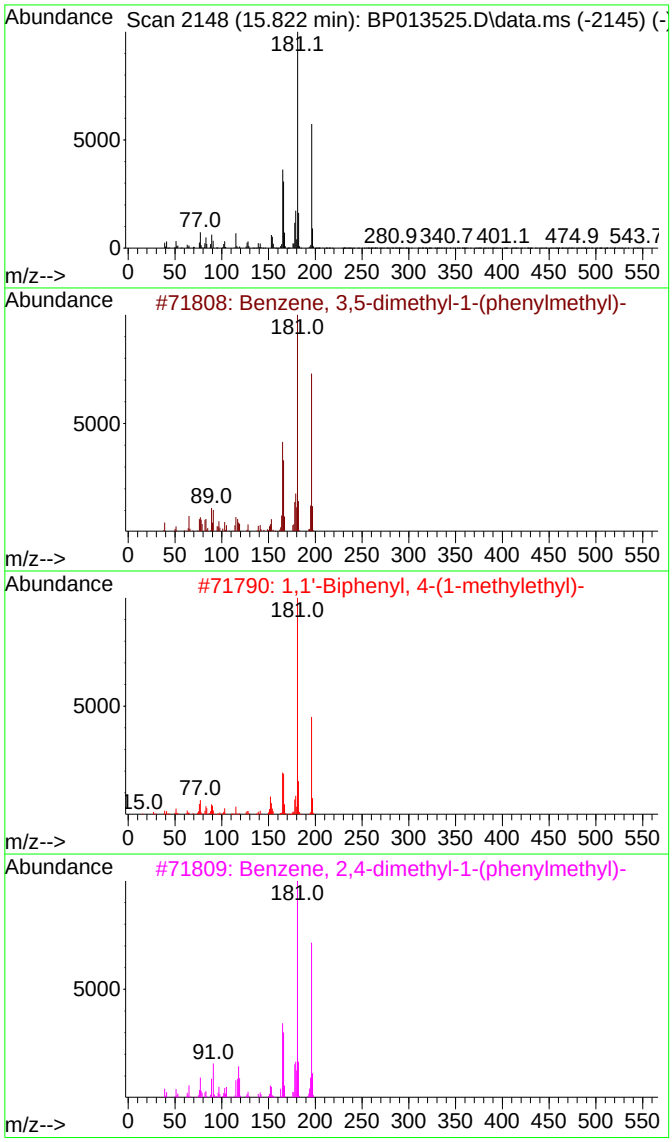
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

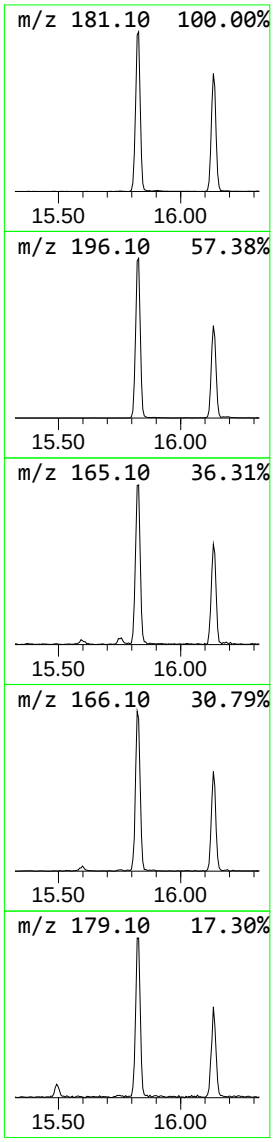
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 3,5-dimethyl-1-(ph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	3.86 ng/ul	903918	Acenaphthene-d10	14.546

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
3	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	94
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
5	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91





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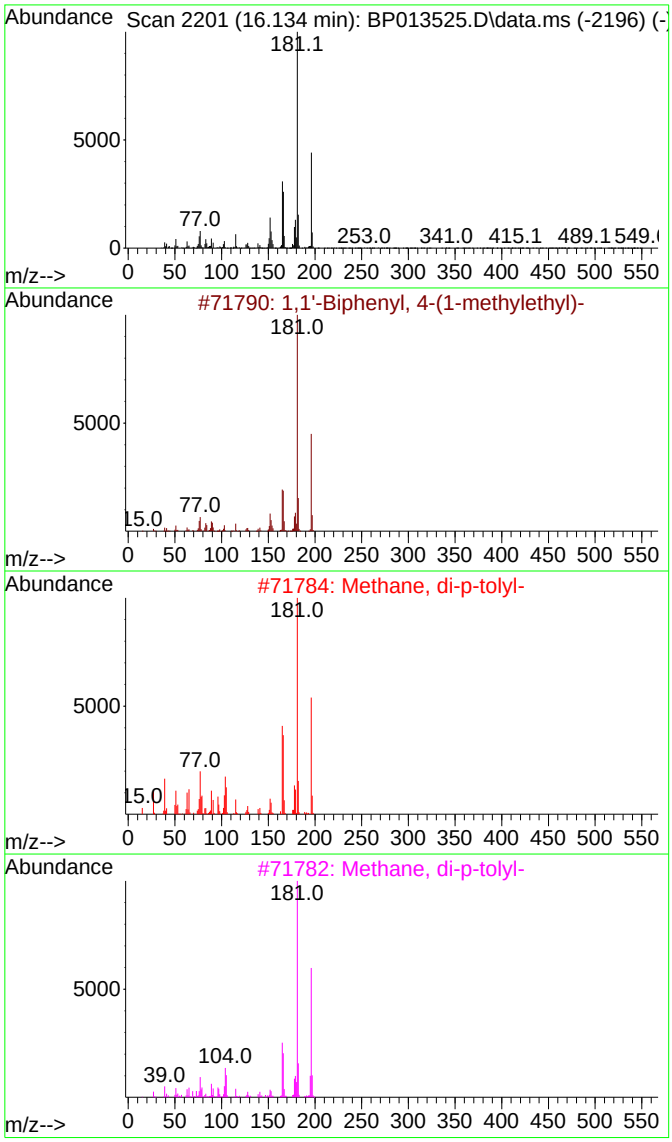
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION

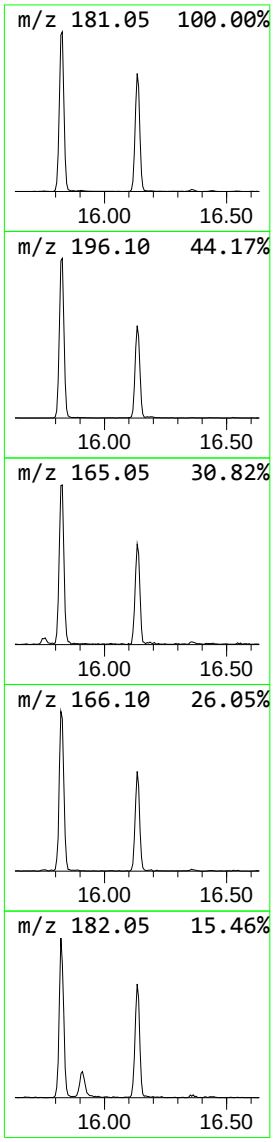
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	2.15 ng/ul	556013	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	97
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
4	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	91
5	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	89





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_P
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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
Benzene, 3,5-di...	15.822	3.9	ng/ul	903918	3	14.546	4688890	20.0
1,1'-Biphenyl, ...	16.134	2.1	ng/ul	556013	4	17.304	5163120	20.0