LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

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_N\Methods\SFAM-EPA-BN010523.M
Title : SVOA CALIBRATION

Signal : TIC: BN023731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	28	32	40	rVB	48024	66029	0.30%	0.089%
2	3.699	102	104	123	rBV	537351	801685	3.70%	1.075%
3	4.034	157	161	166	rVB	16411	23832	0.11%	0.032%
4	4.981	316	322	328	rVB3	20365	36494	0.17%	0.049%
5	7.052	668	674	690	rVB	747824	1181867	5.45%	1.585%
6	7.222	697	703	711	rBV	625031	945246	4.36%	1.267%
7	7.422	730	737	748	rVB	775976	1201213	5.54%	1.611%
8	7.893	810	817	824	rBV	852303	1270119	5.86%	1.703%
9	8.604	931	938	947	rBV	938367	1434180	6.61%	1.923%
10	9.063	1008	1016	1023	rBV	672535	1083055	4.99%	1.452%
11	9.787	1129	1139	1151	rBV	563794	912739	4.21%	1.224%
12	10.322	1223	1230	1242	rBV	804190	1285718	5.93%	1.724%
13	10.704	1287	1295	1304	rVB	973703	1592688	7.35%	2.136%
14	10.846	1312	1319	1336	rBV	809200	1343765	6.20%	1.802%
15	12.293	1557	1565	1571	rBV	16017	27931	0.13%	0.037%
16	13.951	1841	1847	1857	rBV	1550690	2094808	9.66%	2.809%
17	14.234	1889	1895	1906	rBV	1794463	2510562	11.58%	3.366%
18	14.539	1935	1947	1955	rBV	1667950	2350571	10.84%	3.152%
19	14.739	1974	1981	1997	rBV	676703	1009147	4.65%	1.353%
20	15.534	2110	2116	2122	rVB	2247220	3115135	14.37%	4.177%
21	15.651	2130	2136	2147	rBV	503543	652464	3.01%	0.875%
22	15.792	2154	2160	2161	rBV	263155	301990	1.39%	0.405%
23	15.816	2161	2164	2172	rVB	547488	757527	3.49%	1.016%
24	15.898	2172	2178	2184	rBV	473145	613617	2.83%	0.823%
25	16.128	2211	2217	2222	rBV	364252	472086	2.18%	0.633%
26	16.351	2251	2255	2259	rVB2	20089	24519	0.11%	0.033%
27	16.398	2259	2263	2267	rBV	26475	35011	0.16%	0.047%
28	16.516	2278	2283	2290	rBV	162471	223904	1.03%	0.300%
29	16.816	2328	2334	2340	rVB	143204	185704	0.86%	0.249%
30	17.163	2389	2393	2396	rBV	100484	133144	0.61%	0.179%
31	17.198	2396	2399	2404	rVB	150633	195147	0.90%	0.262%
32	17.286	2407	2414	2424	rBV	2062062	2952514	13.62%	3.959%
33	17.386	2424	2431	2439	rVV	2401187	3337774	15.39%	4.475%
34	17.463	2439	2444	2456	rVB2	249859	392890	1.81%	0.527%
35	17.739	2487	2491	2494	rBV	45490	57442	0.26%	0.077%
36	17.892	2509	2517	2522	rBV	370028	699576	3.23%	0.938%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4411ME

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_N\Methods\SFAM-EPA-BN010523.M
Title : SVOA CALIBRATION

37	18.016	2531	2538	2543	rBV2	105421	181218	0.84%	0.243%
38	18.086	2546	2550	2553	rVB4	23644	30012	0.14%	0.040%
39	18.139	2554	2559	2562	rBV	108422	144281	0.67%	0.193%
40	18.180	2562	2566	2576	rVB4	149442	263687	1.22%	0.354%
41	18.304	2583	2587	2591	rVB4	18427	23197	0.11%	0.031%
42	18.357	2591	2596	2601	rVV	196791	259207	1.20%	0.348%
43	18.416	2602	2606	2610	rVV	154362	200106	0.92%	0.268%
44	18.463	2610	2614	2620	rVB	154495	197840	0.91%	0.265%
45	18.604	2634	2638	2641	rBV2	43346	53435	0.25%	0.072%
46	18.645	2641	2645	2649	rVV	156857	224140	1.03%	0.301%
47	18.692	2649	2653	2658	rVV	73880	101884	0.47%	0.137%
48	18.745	2658	2662	2665	rVV	51121	68856	0.32%	0.092%
49	18.780	2665	2668	2671	rVV	86450	108904	0.50%	0.146%
50	18.816	2671	2674	2679	rVB	148475	192979	0.89%	0.259%
51	18.922	2688	2692	2698	rVB4	29528	39524	0.18%	0.053%
52	19.127	2723	2727	2730	rVB	42454	49563	0.23%	0.066%
53	19.175	2731	2735	2738	rBV	48354	67288	0.31%	0.090%
54	19.216	2738	2742	2745	rVV3	53880	82446	0.38%	0.111%
55	19.245	2745	2747	2752	rVB3	28804	33743	0.16%	0.045%
56	19.310	2755	2758	2762	rBV	34050	41348	0.19%	0.055%
57	19.457	2779	2783	2793	rVB5	44220	73873	0.34%	0.099%
58	19.680	2815	2821	2826	rBV	2845620	3944905	18.19%	5.289%
59	19.722	2826	2828	2832	rVB3	30638	32747	0.15%	0.044%
60	20.216	2910	2912	2916	rVB2	30491	27496	0.13%	0.037%
61	20.716	2994	2997	3001	rVB2	50765	48310	0.22%	0.065%
62	21.180	3072	3076	3088	rBV	706481	887608	4.09%	1.190%
63	21.398	3107	3113	3117	rBV	17944930	21683039	100.00%	29.073%
64	21.480	3122	3127	3134	rVV	2270779	2902601	13.39%	3.892%
65	21.627	3150	3152	3158	rVB2	78850	95113	0.44%	0.128%
66	23.751	3506	3513	3530	rBV2	2178526	4067102	18.76%	5.453%
67	23.898	3531	3538	3552	rVB2	1394365	3132644	14.45%	4.200%

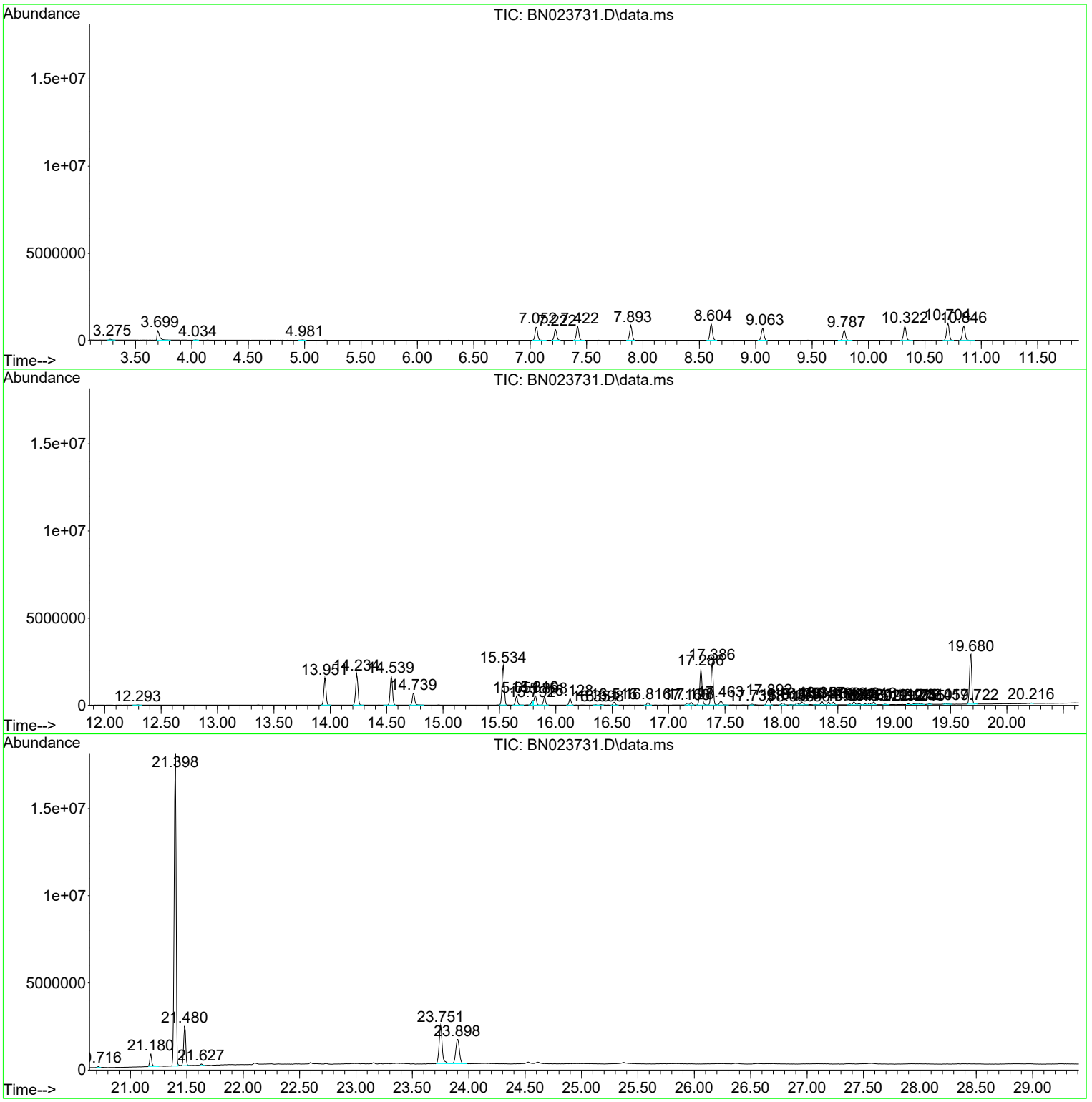
Sum of corrected areas: 74581189

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

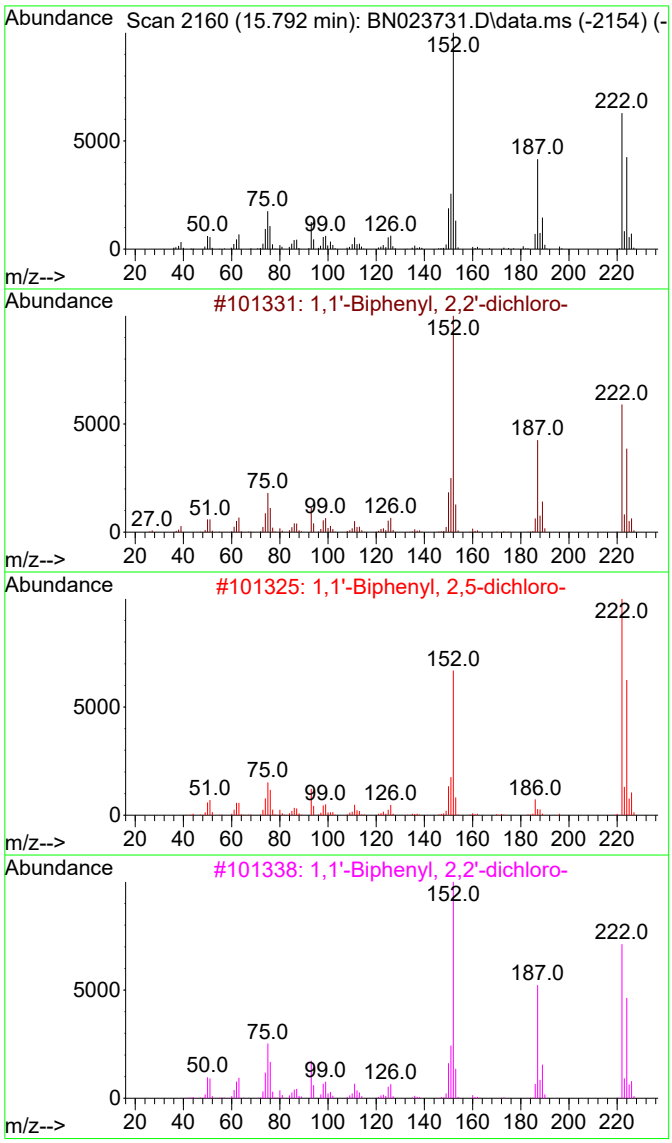
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

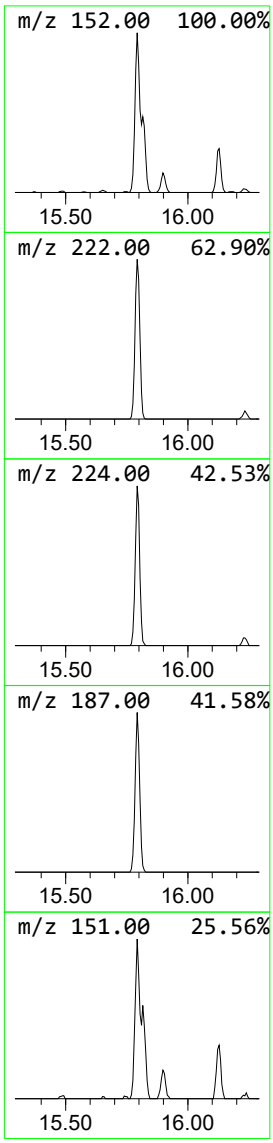
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	2.57 ng/ul	301990	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

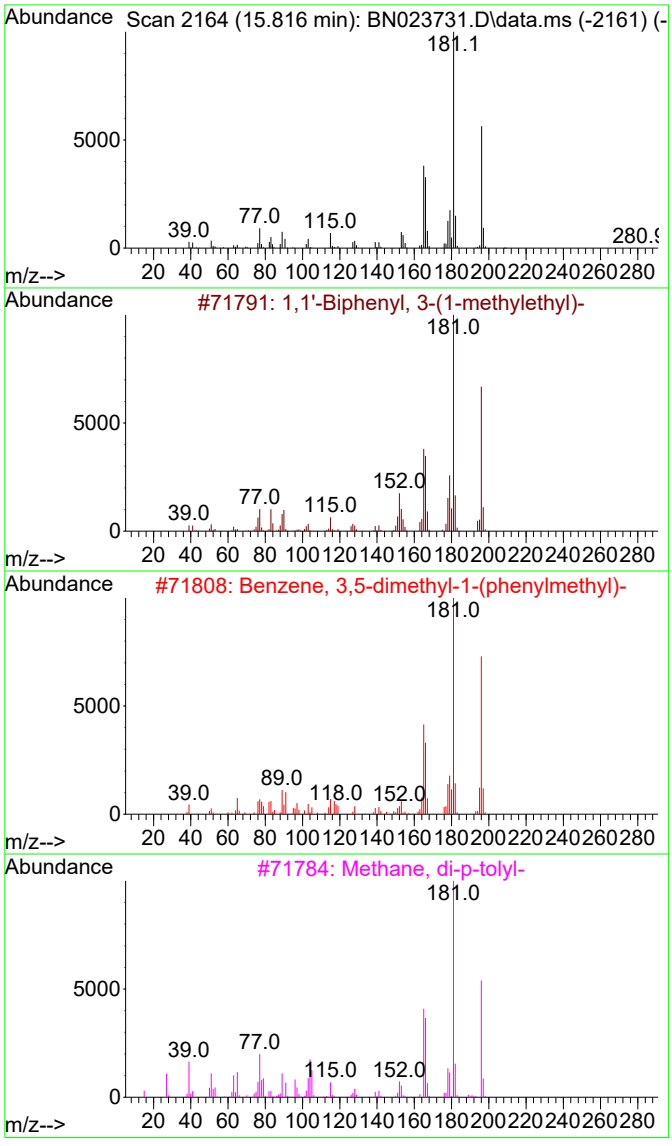
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

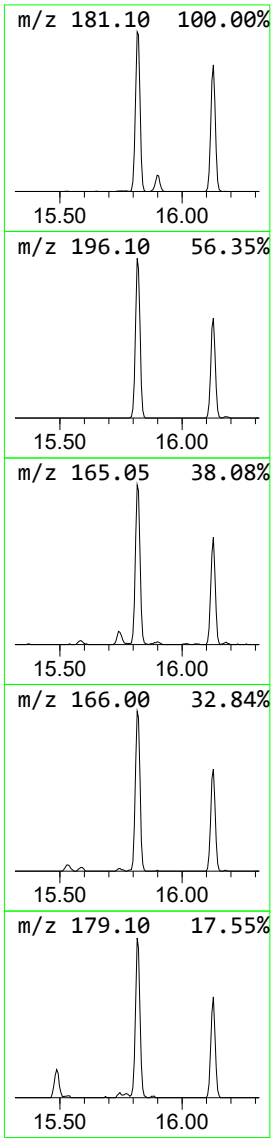
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	6.45 ng/ul	757527	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	94
2	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
4	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	94
5	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

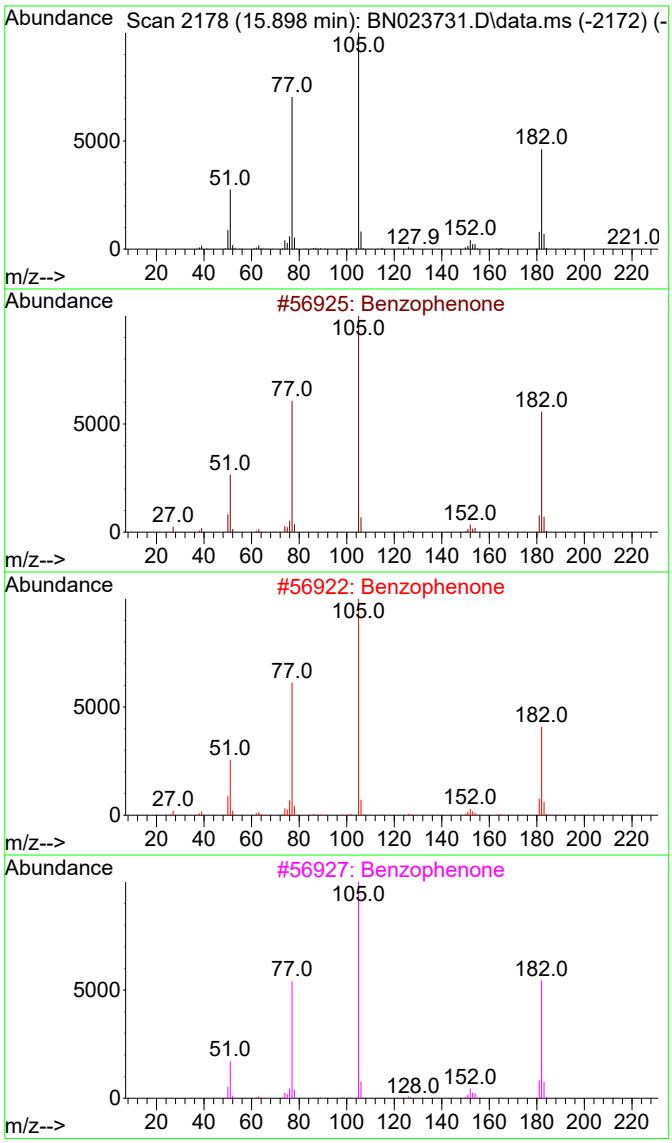
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

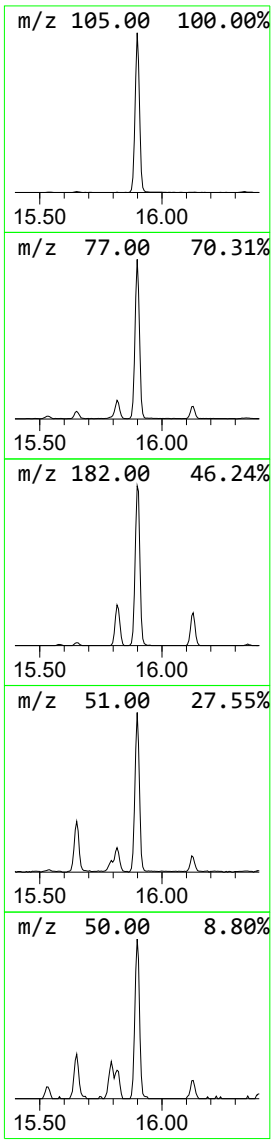
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	5.22 ng/ul	613617	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

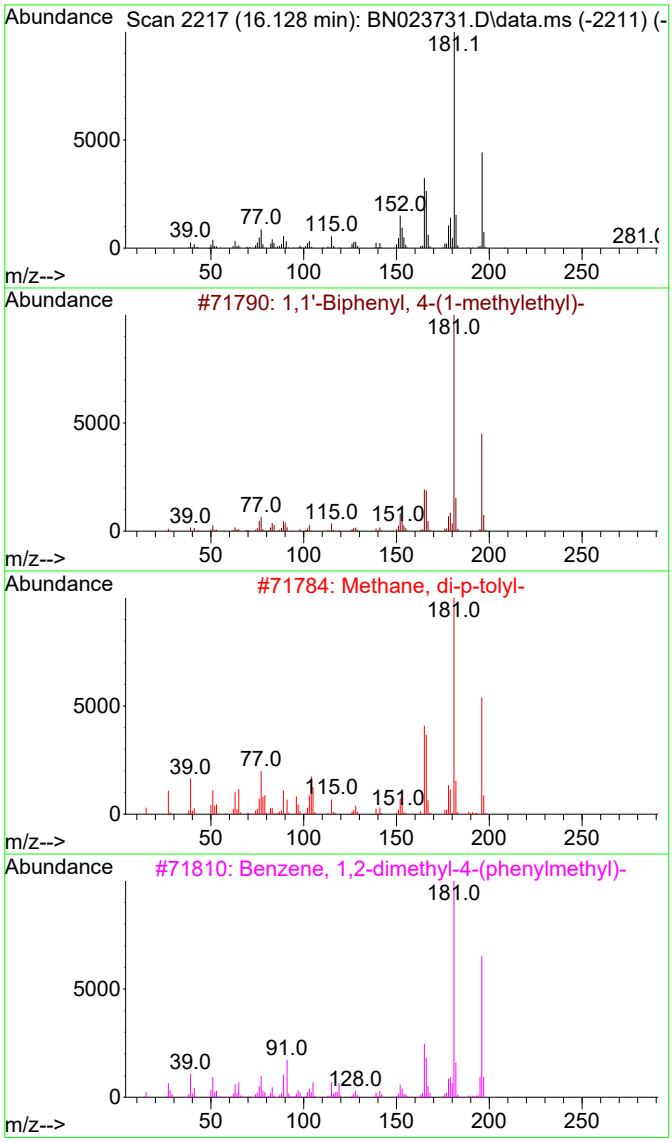
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

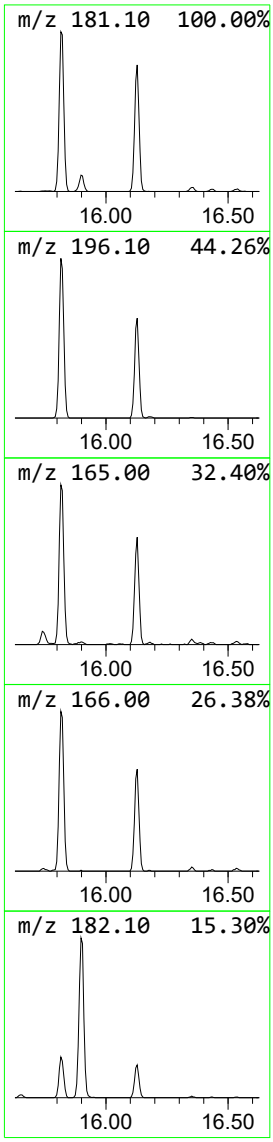
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	3.20 ng/ul	472086	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
3	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	91
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	90
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

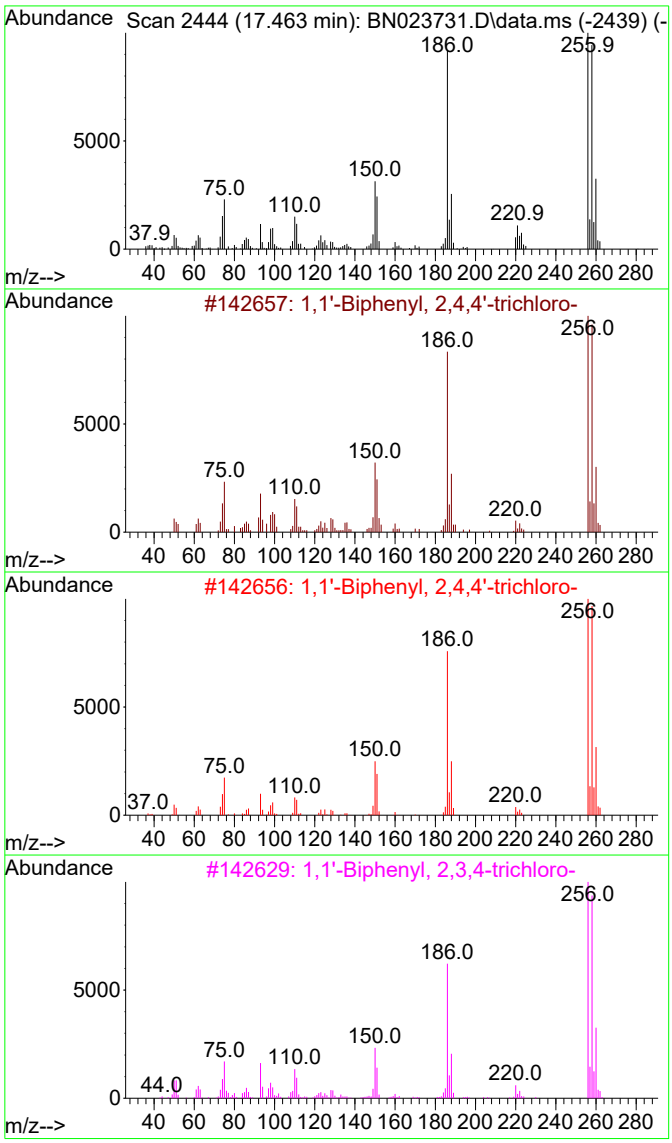
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

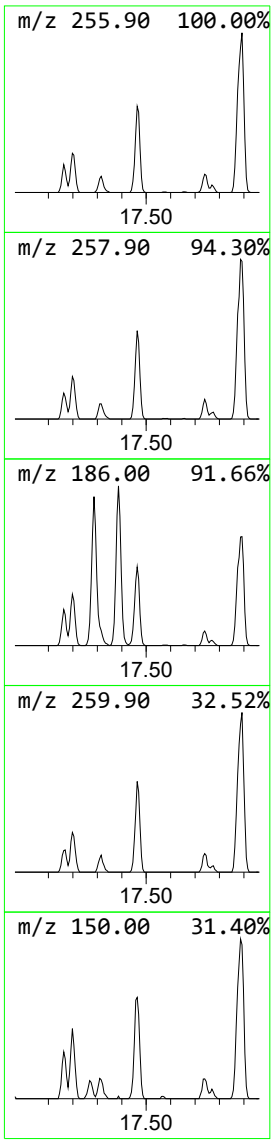
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	2.66 ng/ul	392890	Phenanthrene-d10	17.286

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

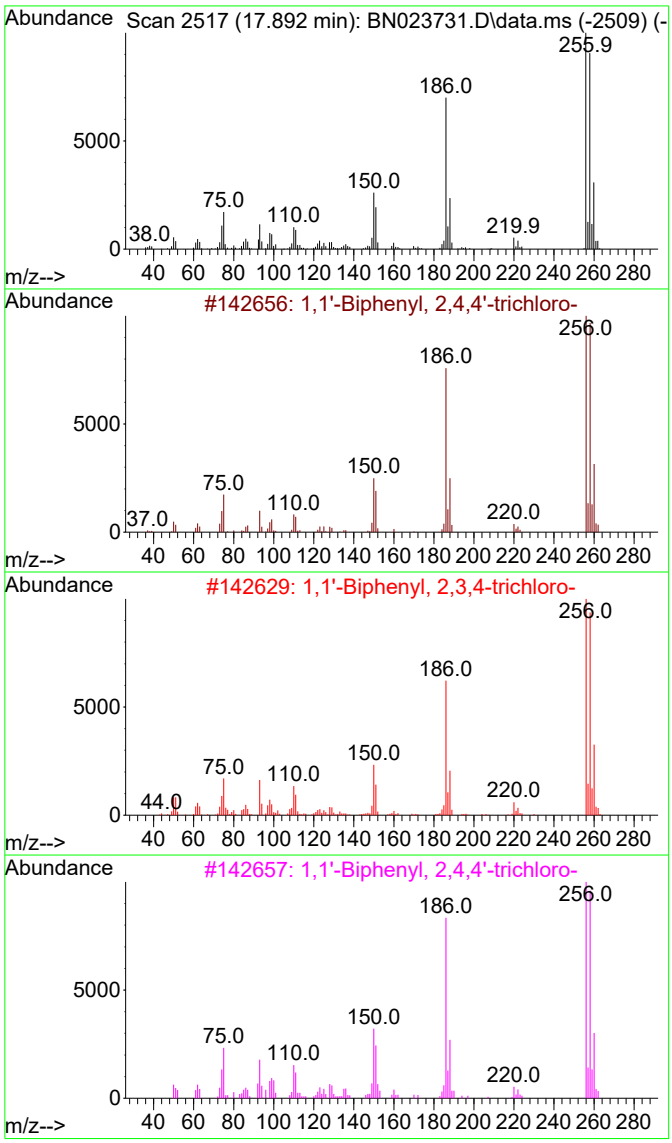
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

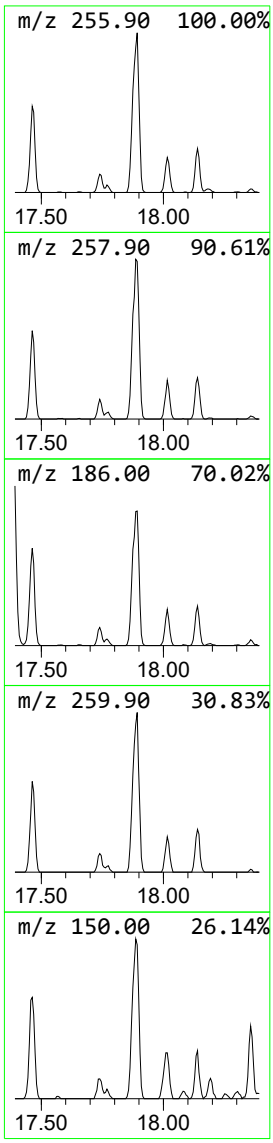
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	4.74 ng/ul	699576	Phenanthrene-d10	17.286

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, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

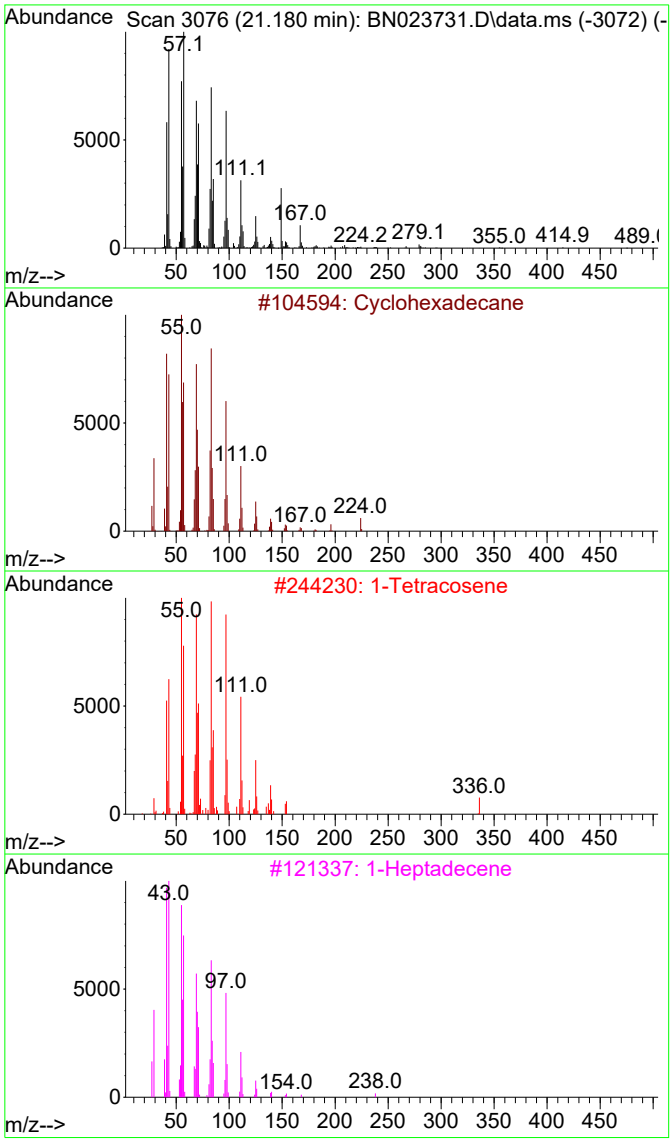
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

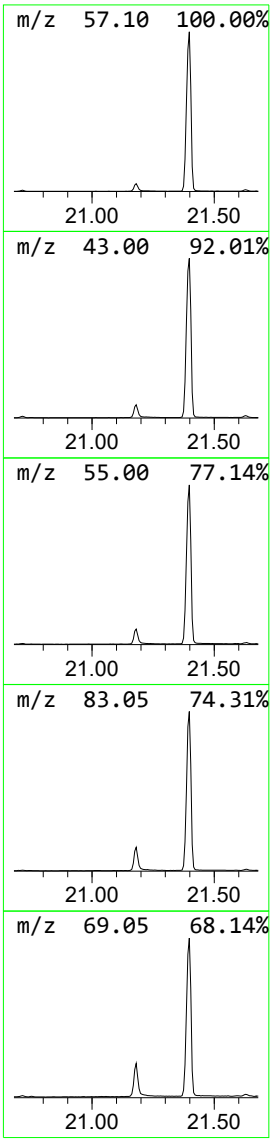
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic21.180 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	6.12 ng/ul	887608	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Tetracosene	336	C24H48	010192-32-2	97
3	1-Heptadecene	238	C17H34	006765-39-5	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	93
5	Cyclotetracosane	336	C24H48	000297-03-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023731.D
Acq On : 20 Jan 2023 17:30
Operator : CG/JU
Sample : 01146-10ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4411ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.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
1,1'-Biphenyl, ...	15.792	2.6	ng/ul	301990	3	14.540	2350570	20.0
1,1'-Biphenyl, ...	15.816	6.5	ng/ul	757527	3	14.540	2350570	20.0
Benzophenone	15.898	5.2	ng/ul	613617	3	14.540	2350570	20.0
1,1'-Biphenyl, ...	16.128	3.2	ng/ul	472086	4	17.286	2952510	20.0
1,1'-Biphenyl, ...	17.463	2.7	ng/ul	392890	4	17.286	2952510	20.0
1,1'-Biphenyl, ...	17.892	4.7	ng/ul	699576	4	17.286	2952510	20.0
(DEL) Alkane: C...	21.180	6.1	ng/ul	887608	5	21.480	2902600	20.0