LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

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: BN023728.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	61517	82185	0.29%	0.084%
2	3.699	100	104	127	rBV	768540	1184344	4.22%	1.210%
3	4.969	316	320	332	rVB2	14514	32801	0.12%	0.034%
4	7.058	668	675	688	rVB	1044467	1649300	5.87%	1.686%
5	7.222	696	703	715	rBV	866688	1303241	4.64%	1.332%
6	7.422	730	737	748	rBV	1079299	1681362	5.99%	1.718%
7	7.893	810	817	824	rBV	848050	1294108	4.61%	1.323%
8	8.605	930	938	950	rBV	1307165	2018875	7.19%	2.063%
9	9.063	1008	1016	1025	rBV	999314	1589963	5.66%	1.625%
10	9.787	1131	1139	1149	rBV	826833	1343871	4.79%	1.374%
11	10.322	1222	1230	1244	rBV	1280448	2052406	7.31%	2.098%
12	10.704	1287	1295	1302	rBV	1139362	1836158	6.54%	1.877%
13	10.846	1311	1319	1340	rBV	1277321	2139956	7.62%	2.187%
14	12.293	1557	1565	1573	rBV2	18318	31042	0.11%	0.032%
15	13.363	1742	1747	1753	rVB	26937	36947	0.13%	0.038%
16	13.951	1840	1847	1856	rBV	2096538	2875609	10.24%	2.939%
17	14.234	1888	1895	1907	rBV	2539939	3598187	12.82%	3.678%
18	14.540	1940	1947	1958	rVB	1745640	2486986	8.86%	2.542%
19	14.740	1972	1981	1997	rBV	1077056	1564760	5.57%	1.599%
20	14.957	2014	2018	2028	rVB3	20901	34277	0.12%	0.035%
21	15.534	2110	2116	2122	rBV	3229102	4411786	15.71%	4.509%
22	15.651	2130	2136	2145	rBV	759384	964103	3.43%	0.985%
23	15.792	2154	2160	2161	rBV	447895	521060	1.86%	0.533%
24	15.816	2161	2164	2172	rVB	1063420	1404000	5.00%	1.435%
25	15.898	2172	2178	2183	rBV	83277	108747	0.39%	0.111%
26	16.128	2211	2217	2223	rBV	715919	922360	3.29%	0.943%
27	16.351	2252	2255	2259	rVB2	24213	29689	0.11%	0.030%
28	16.398	2259	2263	2267	rBV	45653	62570	0.22%	0.064%
29	16.516	2278	2283	2290	rBV	219522	285225	1.02%	0.292%
30	16.816	2329	2334	2338	rBV	110271	139472	0.50%	0.143%
31	17.163	2388	2393	2396	rBV2	142313	192387	0.69%	0.197%
32	17.198	2396	2399	2404	rVB	205608	255171	0.91%	0.261%
33	17.286	2406	2414	2424	rVV	2149211	3100042	11.04%	3.168%
34	17.386	2424	2431	2439	rVV	3449063	4740152	16.88%	4.845%
35	17.463	2439	2444	2453	rVB2	222662	365508	1.30%	0.374%
36	17.739	2487	2491	2494	rBV	63885	87174	0.31%	0.089%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

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	17.769	2494	2496	2500	rVB2	28890	31787	0.11%	0.032%
38	17.886	2509	2516	2523	rBV	524082	1008378	3.59%	1.031%
39	18.016	2531	2538	2543	rBV2	166643	253790	0.90%	0.259%
40	18.133	2553	2558	2562	rBV	137919	188576	0.67%	0.193%
41	18.181	2562	2566	2576	rVB2	230978	385296	1.37%	0.394%
42	18.357	2591	2596	2602	rBV	159136	217582	0.77%	0.222%
43	18.416	2602	2606	2610	rVV	152027	188880	0.67%	0.193%
44	18.457	2610	2613	2619	rVB	154509	203119	0.72%	0.208%
45	18.639	2640	2644	2649	rVV	114072	175589	0.63%	0.179%
46	18.686	2649	2652	2657	rVV	66433	87364	0.31%	0.089%
47	18.739	2657	2661	2665	rVV	89043	118500	0.42%	0.121%
48	18.781	2665	2668	2671	rVV	75812	97228	0.35%	0.099%
49	18.816	2671	2674	2679	rVB	152066	188046	0.67%	0.192%
50	18.922	2688	2692	2695	rVB3	22902	29439	0.10%	0.030%
51	19.128	2723	2727	2731	rVB	61022	70386	0.25%	0.072%
52	19.180	2731	2736	2738	rBV	88101	113534	0.40%	0.116%
53	19.216	2738	2742	2745	rVV3	54879	69077	0.25%	0.071%
54	19.310	2755	2758	2772	rVB	70040	119549	0.43%	0.122%
55	19.457	2779	2783	2786	rBV3	82806	100864	0.36%	0.103%
56	19.680	2815	2821	2826	rBV	4183098	5677377	20.22%	5.803%
57	19.722	2826	2828	2833	rVB4	36143	43243	0.15%	0.044%
58	20.222	2911	2913	2917	rVB	35786	33716	0.12%	0.034%
59	20.722	2995	2998	3002	rBV2	67217	73728	0.26%	0.075%
60	21.186	3073	3077	3090	rBV	884282	1111783	3.96%	1.136%
61	21.404	3108	3114	3118	rBV	20106237	28075263	100.00%	28.695%
62	21.486	3123	3128	3134	rVB	2615346	3226884	11.49%	3.298%
63	21.633	3150	3153	3158	rVB2	110189	127212	0.45%	0.130%
64	23.757	3507	3514	3529	rVB2	3134071	5942382	21.17%	6.074%
65	23.904	3532	3539	3551	rVB2	1691567	3456033	12.31%	3.532%

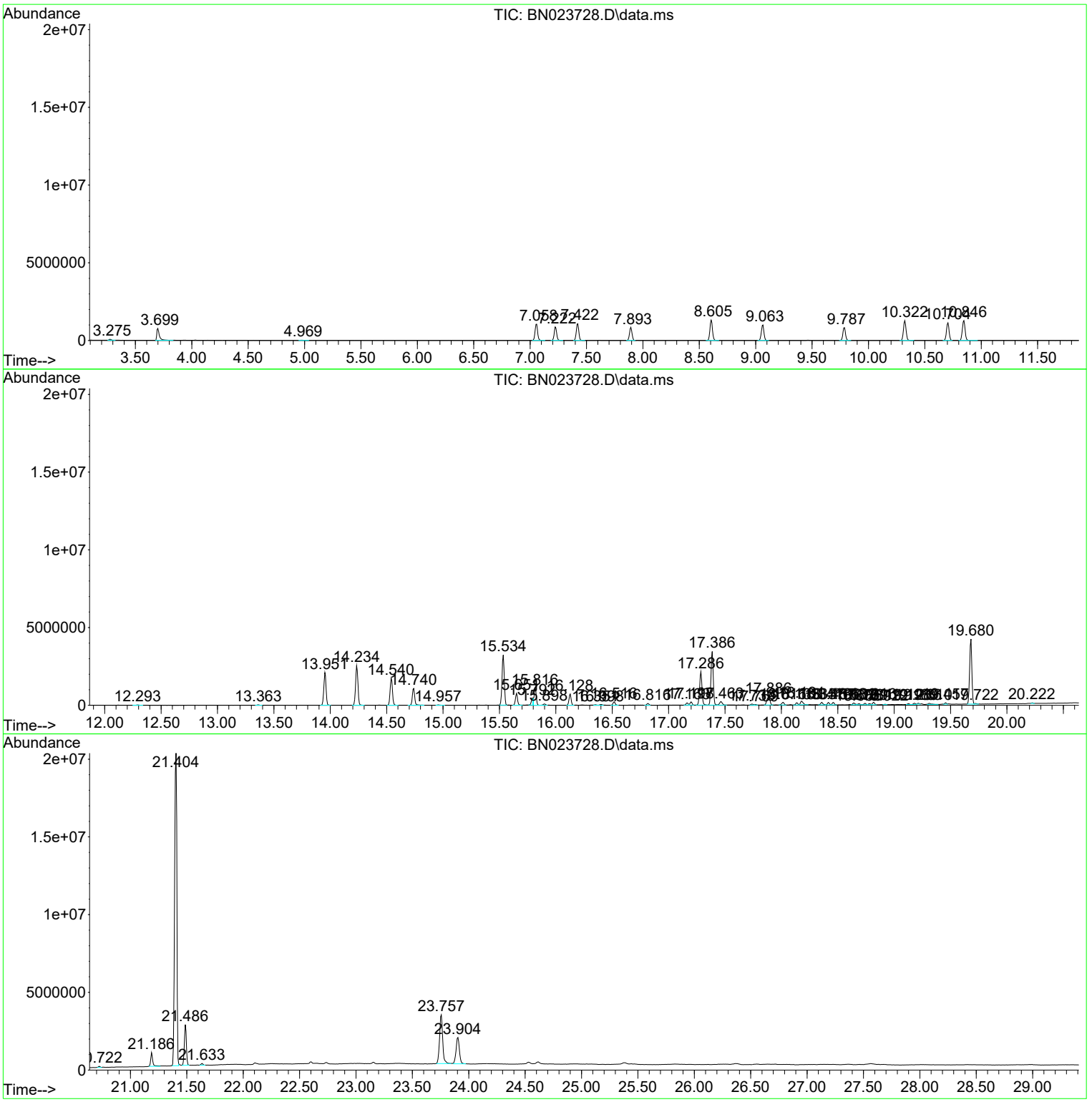
Sum of corrected areas: 97840429

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

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 : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

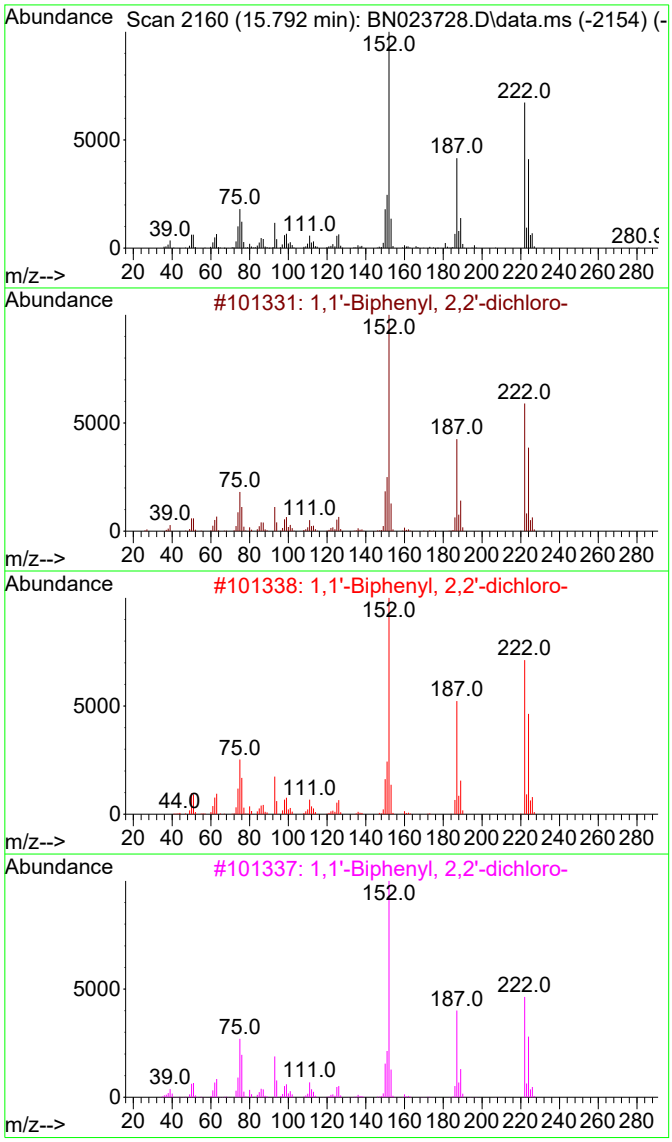
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

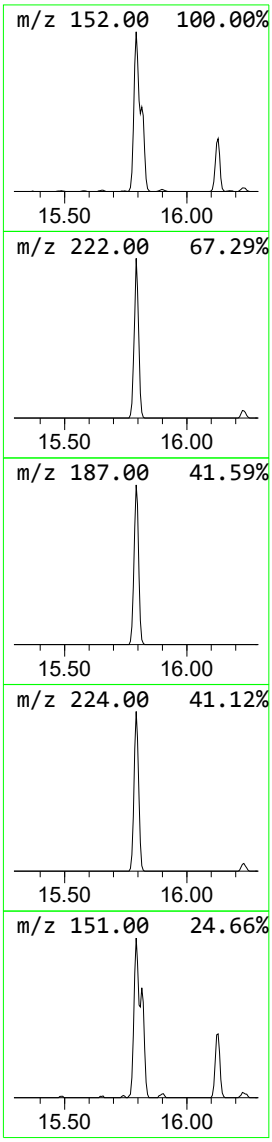
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	4.19 ng/ul	521060	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, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

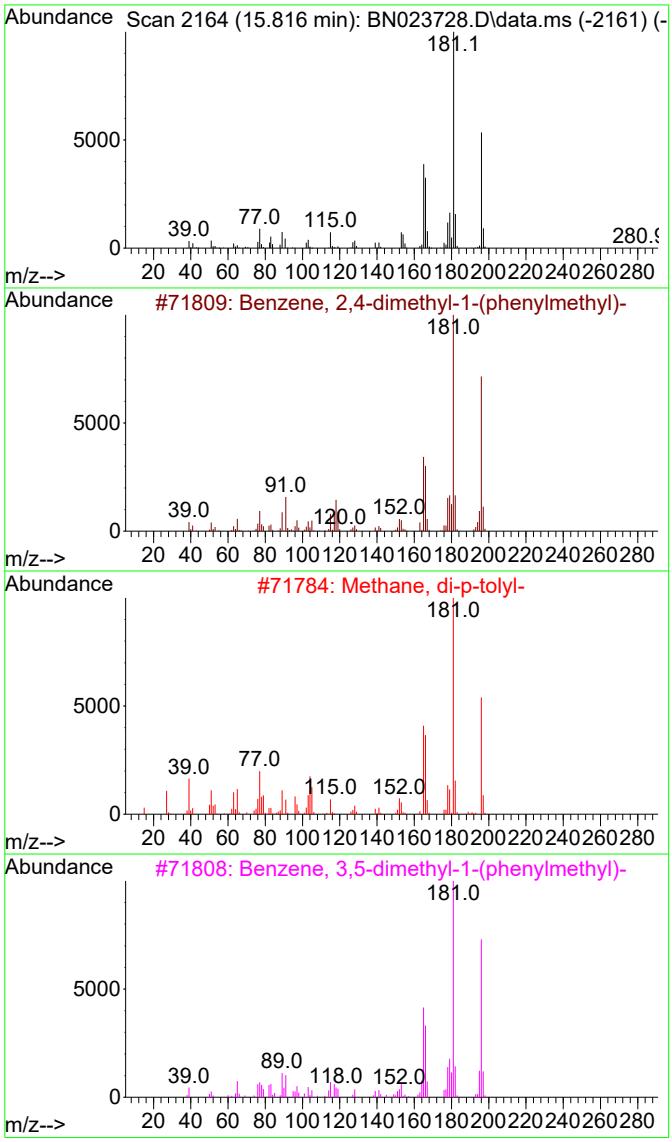
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

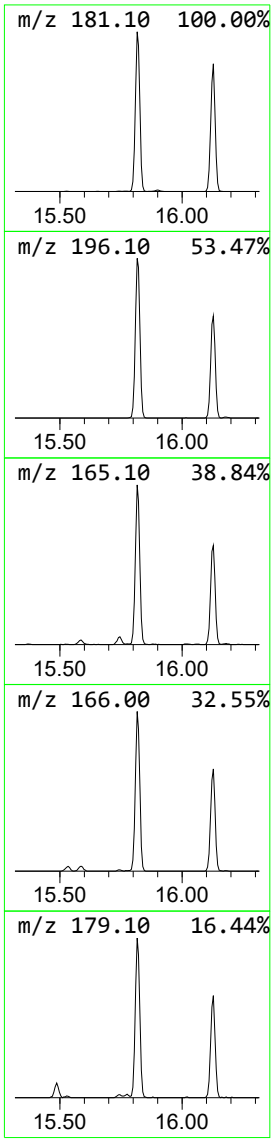
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2,4-dimethyl-1-(ph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	11.29 ng/ul	1404000	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	94
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
3	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
5	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

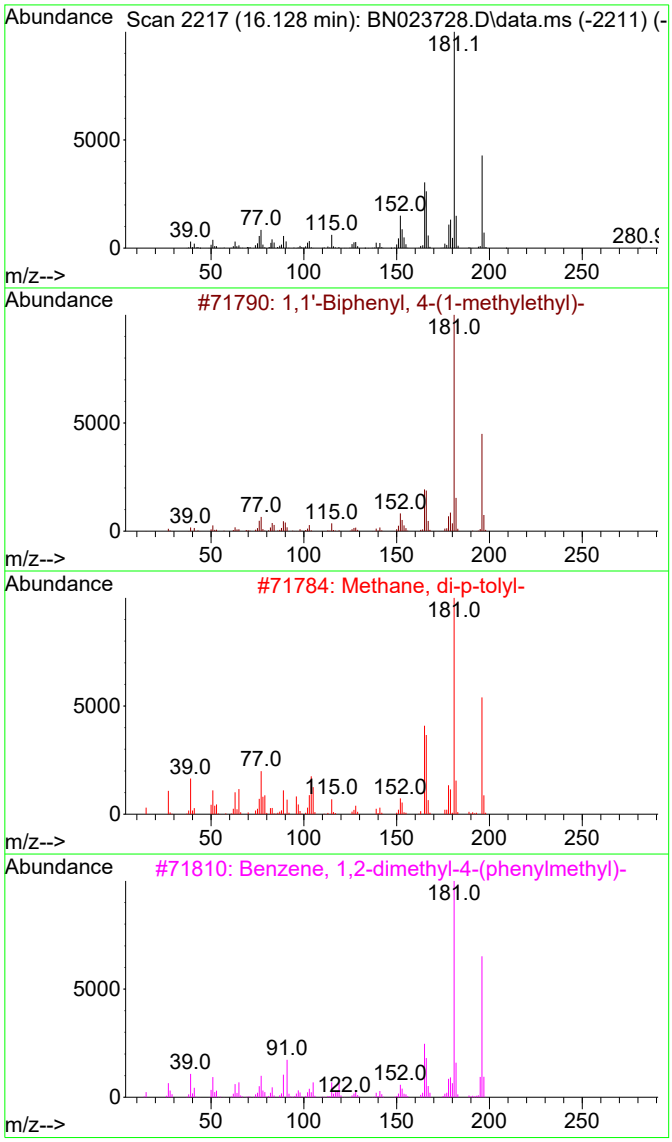
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

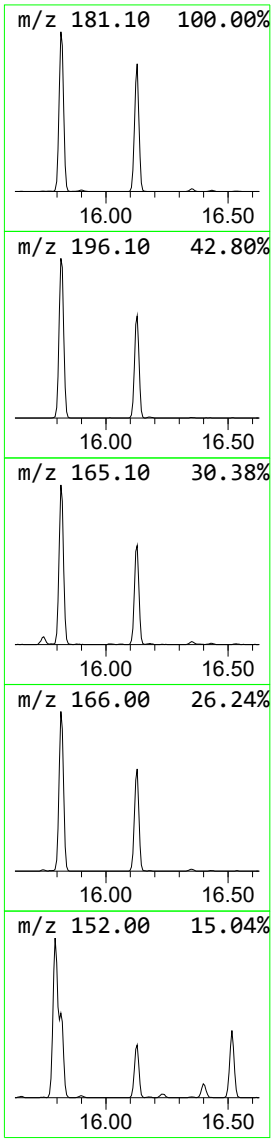
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	5.95 ng/ul	922360	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	95
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
3	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
5	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

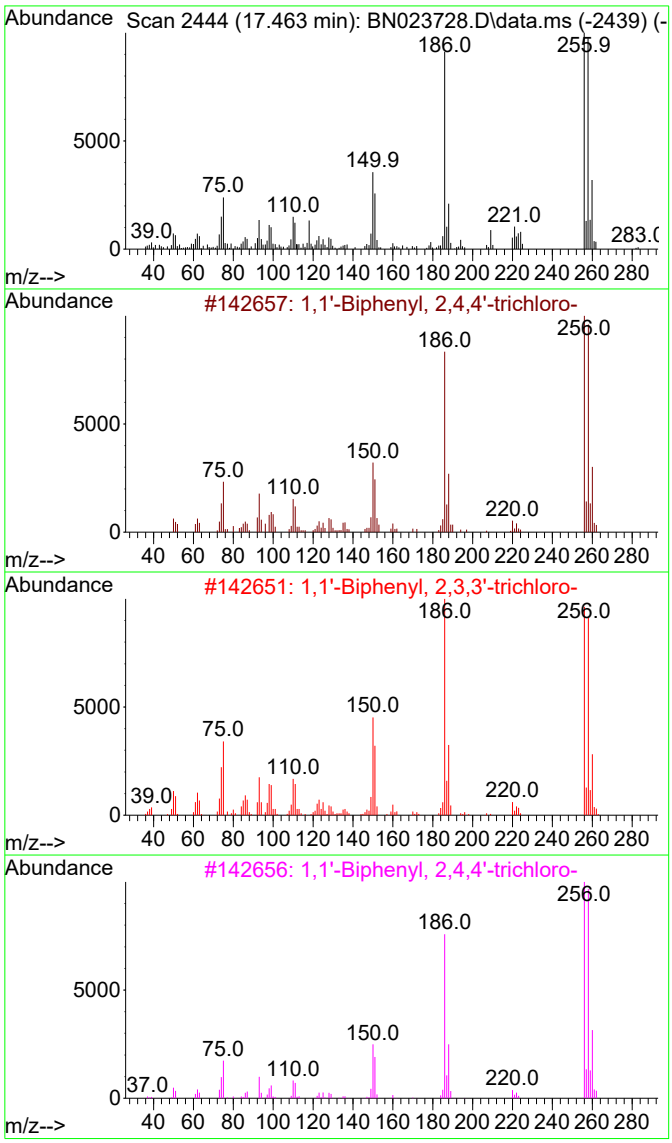
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

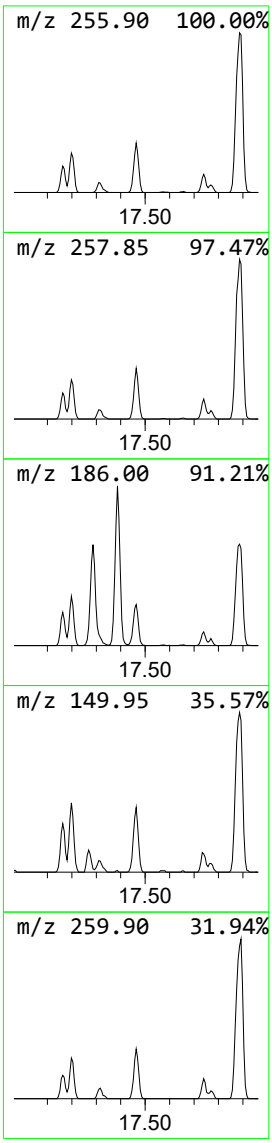
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	2.36 ng/ul	365508	Phenanthrene-d10	17.287

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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

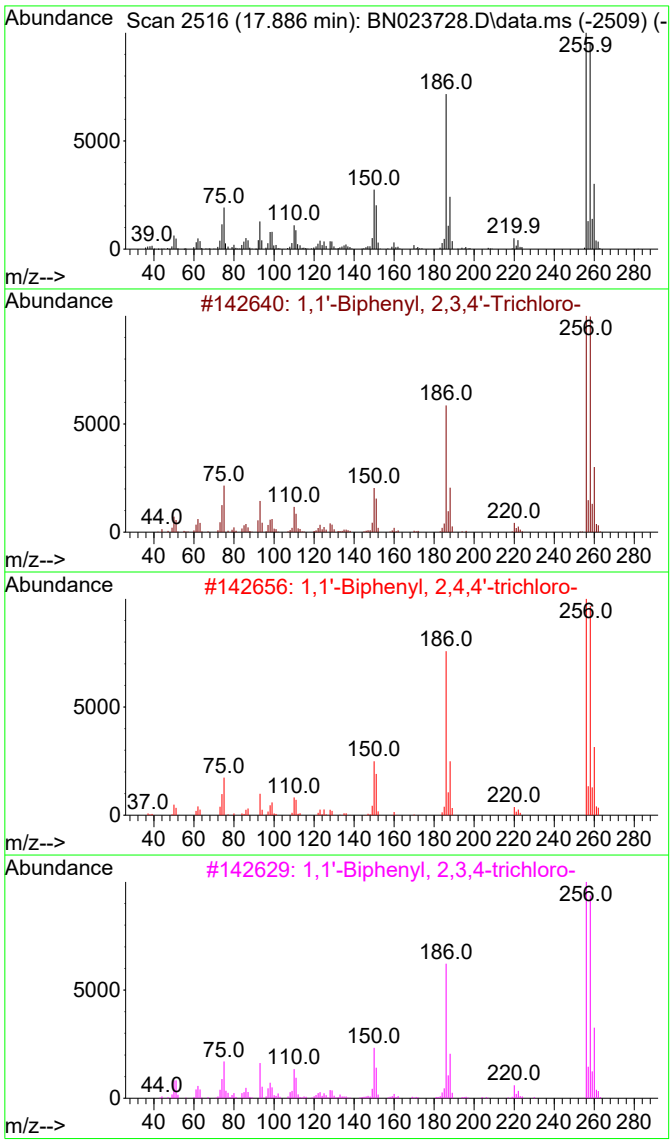
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

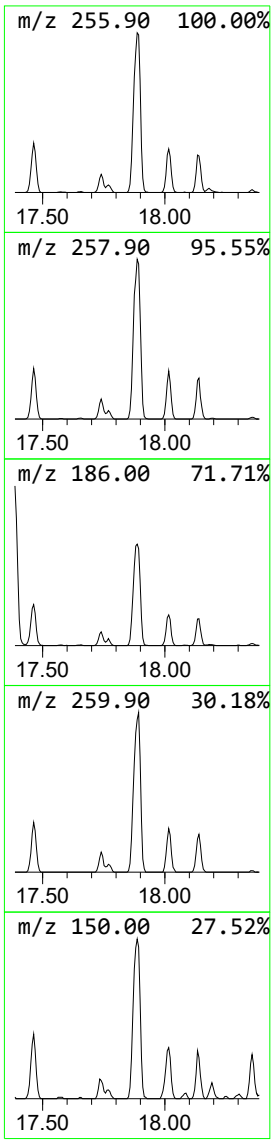
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	6.51 ng/ul	1008380	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

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

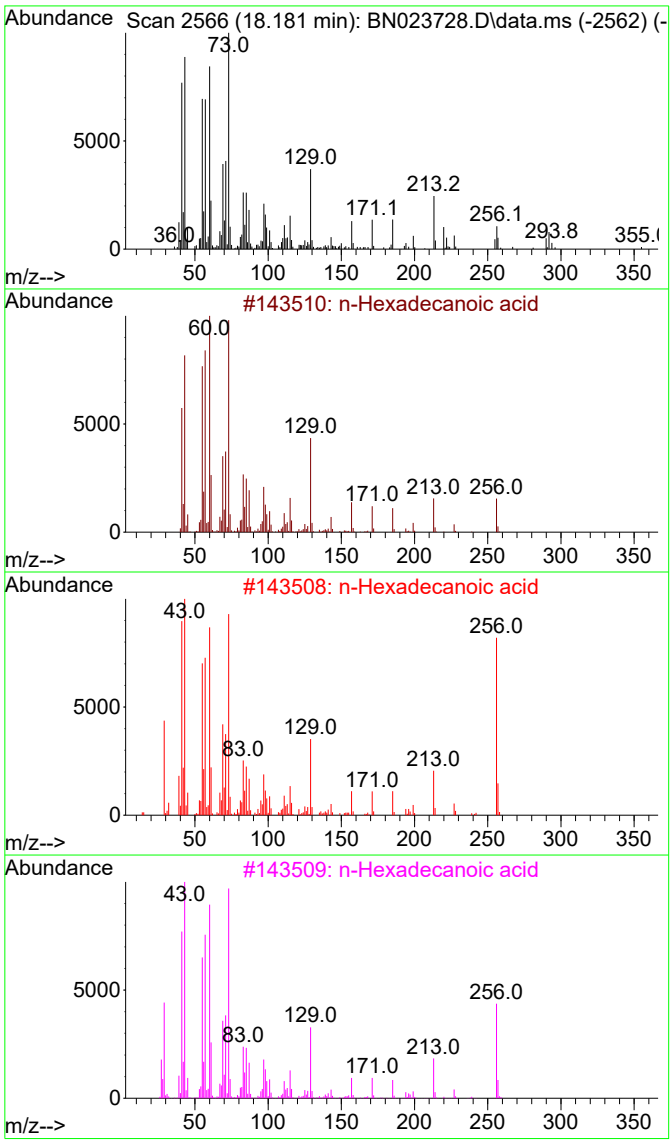
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

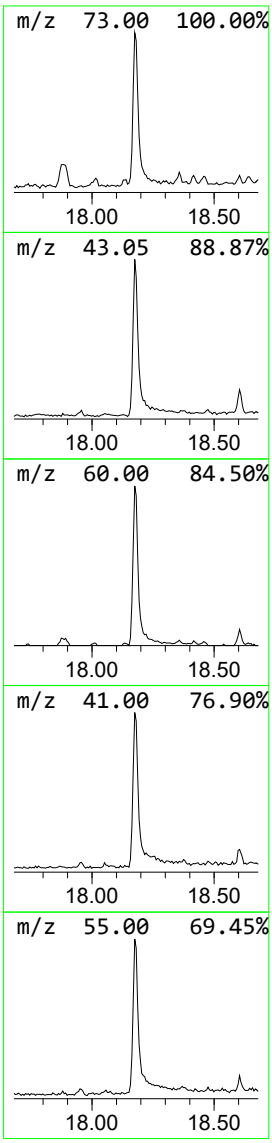
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	2.49 ng/ul	385296	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

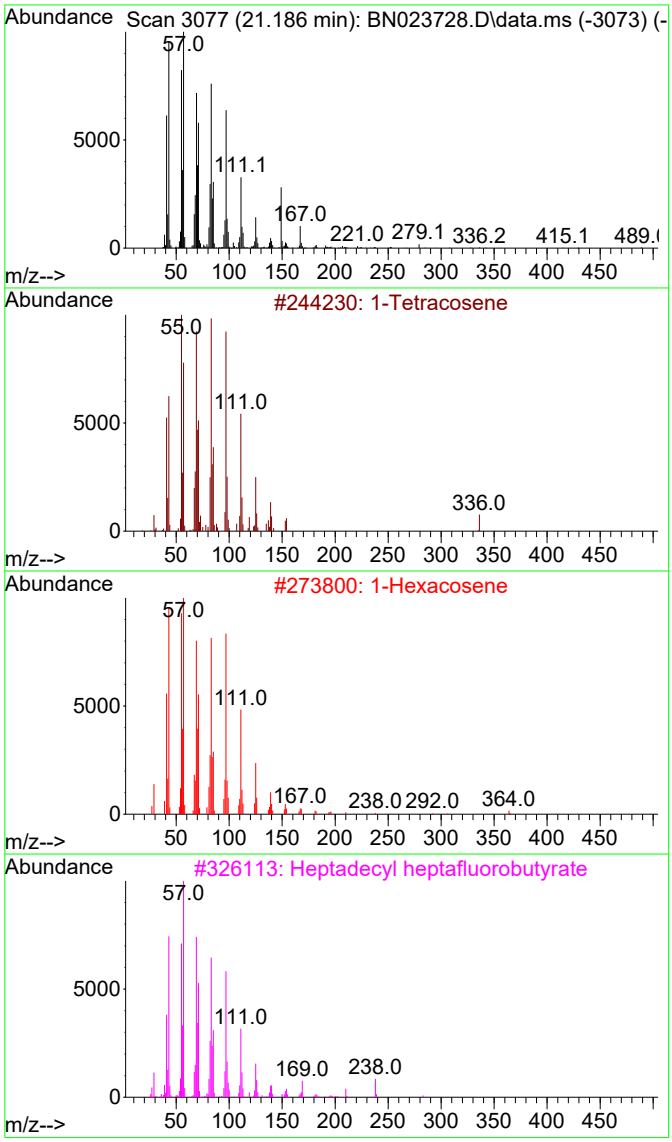
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

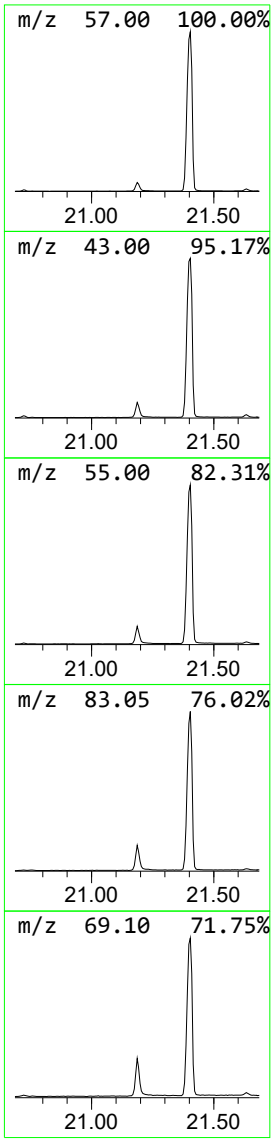
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	6.89 ng/ul	1111780	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Octacosanol	410	C28H58O	000557-61-9	90
5	Pentacos-1-ene	350	C25H50	016980-85-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023728.D
Acq On : 20 Jan 2023 15:39
Operator : CG/JU
Sample : 01145-11ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A43X9ME

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	4.2	ng/ul	521060	3	14.540	2486990	20.0
Benzene, 2,4-di...	15.816	11.3	ng/ul	1404000	3	14.540	2486990	20.0
1,1'-Biphenyl, ...	16.128	6.0	ng/ul	922360	4	17.287	3100040	20.0
1,1'-Biphenyl, ...	17.463	2.4	ng/ul	365508	4	17.287	3100040	20.0
1,1'-Biphenyl, ...	17.886	6.5	ng/ul	1008380	4	17.287	3100040	20.0
n-Hexadecanoic ...	18.180	2.5	ng/ul	385296	4	17.287	3100040	20.0
(DEL) Alkane: S...	21.186	6.9	ng/ul	1111780	5	21.486	3226880	20.0