LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011323\
Data File : BN023647.D
Acq On : 12 Jan 2023 16:47
Operator : CG/JU
Sample : 01050-04ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4477ME

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: BN023647.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	31	35	45	rVB	51662	74624	0.25%	0.074%
2	3.723	104	108	131	rBV	665526	1182255	4.02%	1.174%
3	5.011	321	327	335	rVB4	21093	44800	0.15%	0.045%
4	7.099	676	682	693	rVB	1113348	1737866	5.91%	1.726%
5	7.269	702	711	720	rBV	906453	1369728	4.66%	1.361%
6	7.469	737	745	754	rBV	1118629	1764116	6.00%	1.753%
7	7.940	818	825	833	rBV	729581	1121684	3.81%	1.114%
8	8.658	939	947	956	rBV	1396722	2190658	7.45%	2.176%
9	9.111	1017	1024	1035	rBV	1093977	1738376	5.91%	1.727%
10	9.840	1140	1148	1160	rBV	913883	1477258	5.02%	1.468%
11	10.375	1232	1239	1252	rBV	1443532	2300831	7.82%	2.286%
12	10.758	1294	1304	1311	rBV	1133808	1805371	6.14%	1.794%
13	10.899	1321	1328	1341	rBV	1393591	2335670	7.94%	2.320%
14	12.346	1569	1574	1580	rVB2	25350	35795	0.12%	0.036%
15	13.416	1746	1756	1761	rBV	34415	50676	0.17%	0.050%
16	14.010	1849	1857	1865	rBV	2292340	3206835	10.90%	3.186%
17	14.293	1898	1905	1914	rBV	2789018	4004751	13.61%	3.978%
18	14.598	1950	1957	1965	rBV	1701587	2439631	8.29%	2.424%
19	14.793	1983	1990	2008	rBV	1318600	1792812	6.09%	1.781%
20	15.587	2119	2125	2132	rVB	3430962	4917477	16.71%	4.885%
21	15.704	2139	2145	2156	rBV	1049499	1427206	4.85%	1.418%
22	15.875	2169	2174	2181	rVB	876255	1108032	3.77%	1.101%
23	15.957	2181	2188	2197	rBV	1564469	2043466	6.94%	2.030%
24	16.181	2220	2226	2232	rBV	551858	699737	2.38%	0.695%
25	16.516	2275	2283	2289	rVB	101325	143206	0.49%	0.142%
26	17.222	2398	2403	2406	rBV3	35164	46386	0.16%	0.046%
27	17.345	2417	2424	2433	rBV	2182930	2957972	10.05%	2.939%
28	17.445	2434	2441	2449	rBV2	3828275	5335936	18.13%	5.301%
29	17.528	2450	2455	2463	rVB4	61877	124892	0.42%	0.124%
30	17.939	2519	2525	2531	rVB2	53150	106380	0.36%	0.106%
31	18.063	2542	2546	2552	rBV4	27836	49570	0.17%	0.049%
32	18.239	2571	2576	2584	rBV	284871	416303	1.41%	0.414%
33	18.416	2601	2606	2613	rBV3	57908	88568	0.30%	0.088%
34	18.475	2613	2616	2620	rVB	39258	49175	0.17%	0.049%
35	18.522	2620	2624	2631	rBV4	31162	48318	0.16%	0.048%
36	18.704	2651	2655	2659	rBV	46236	68351	0.23%	0.068%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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 >
Peak separation: 5

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

37	18.875	2681	2684	2688	rVB	28330	32051	0.11%	0.032%
38	19.304	2754	2757	2761	rVB3	50003	64018	0.22%	0.064%
39	19.375	2765	2769	2772	rBV	60855	86042	0.29%	0.085%
40	19.516	2789	2793	2802	rBV2	81997	117486	0.40%	0.117%
41	19.739	2825	2831	2837	rBV	4860203	6350604	21.58%	6.309%
42	20.281	2920	2923	2927	rVB2	38714	39971	0.14%	0.040%
43	20.775	3004	3007	3010	rBV	58363	61201	0.21%	0.061%
44	21.239	3081	3086	3096	rBV	867048	1223138	4.16%	1.215%
45	21.451	3116	3122	3127	rBV	20112889	29424271	100.00%	29.231%
46	21.533	3131	3136	3143	rVB	2547049	3188104	10.83%	3.167%
47	21.686	3159	3162	3169	rVB2	92012	114418	0.39%	0.114%
48	23.810	3515	3523	3538	rVB2	3138729	6461032	21.96%	6.419%
49	23.963	3542	3549	3558	rVB2	1662066	3193351	10.85%	3.172%

Sum of corrected areas: 100660399

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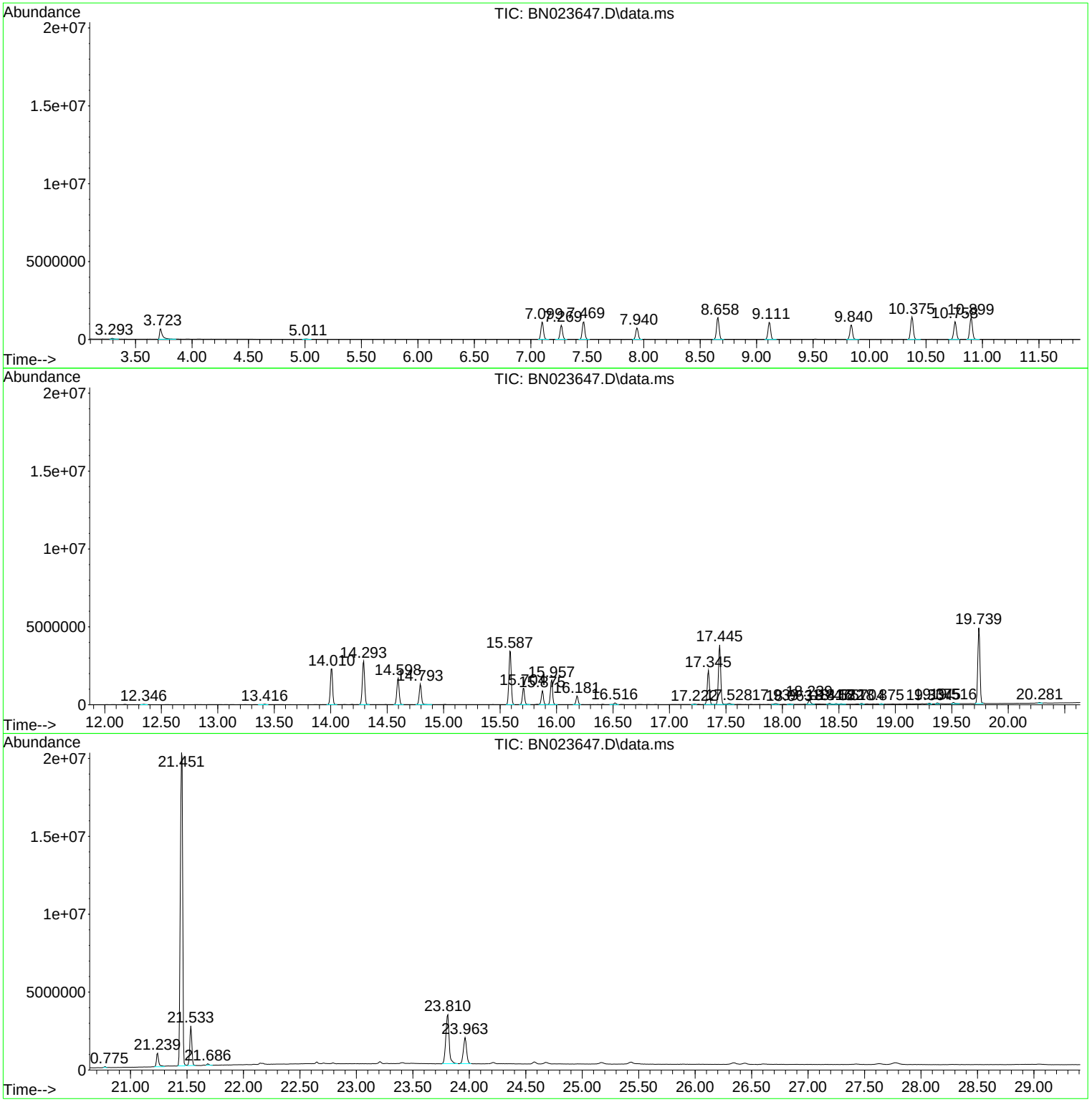
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4477ME

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



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Data File : BN023647.D
Acq On : 12 Jan 2023 16:47
Operator : CG/JU
Sample : 01050-04ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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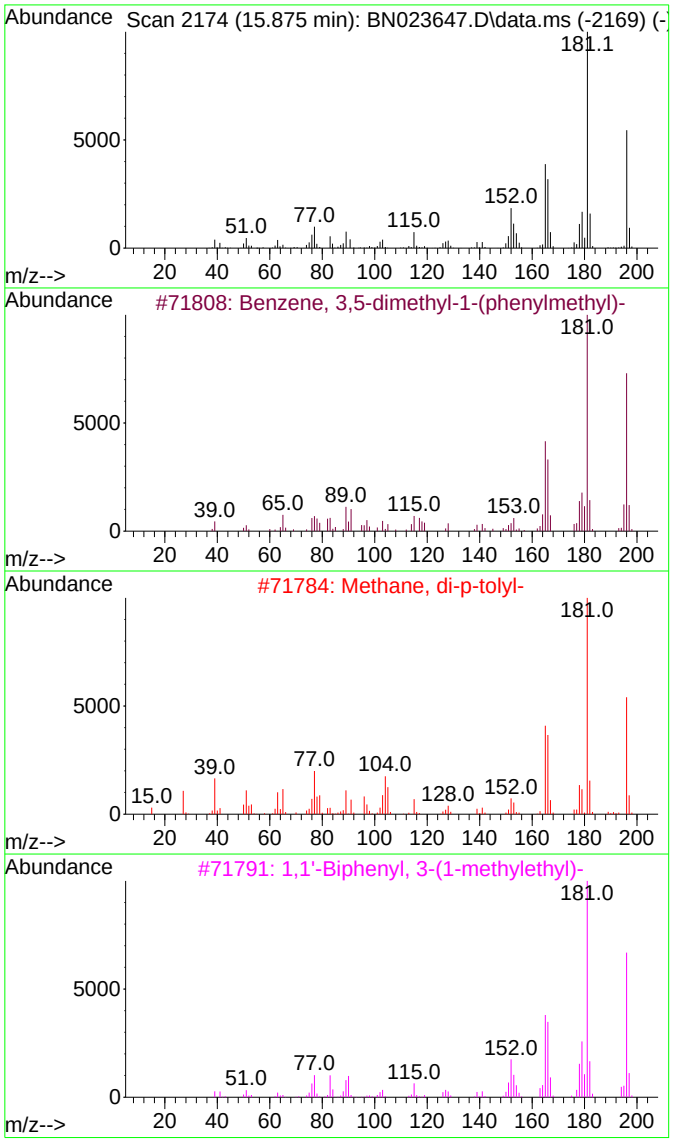
Quant Title : SVOA CALIBRATION

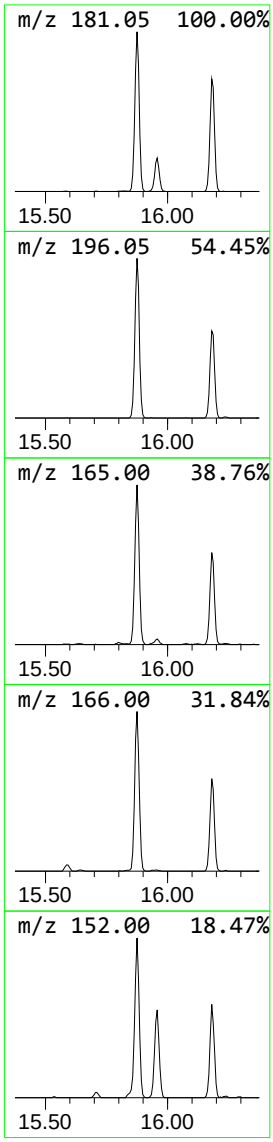
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 3,5-dimethyl-1-(ph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.875	9.08 ng/ul	1108030	Acenaphthene-d10	14.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
3	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	94
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	87





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Data File : BN023647.D
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Operator : CG/JU
Sample : 01050-04ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4477ME

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

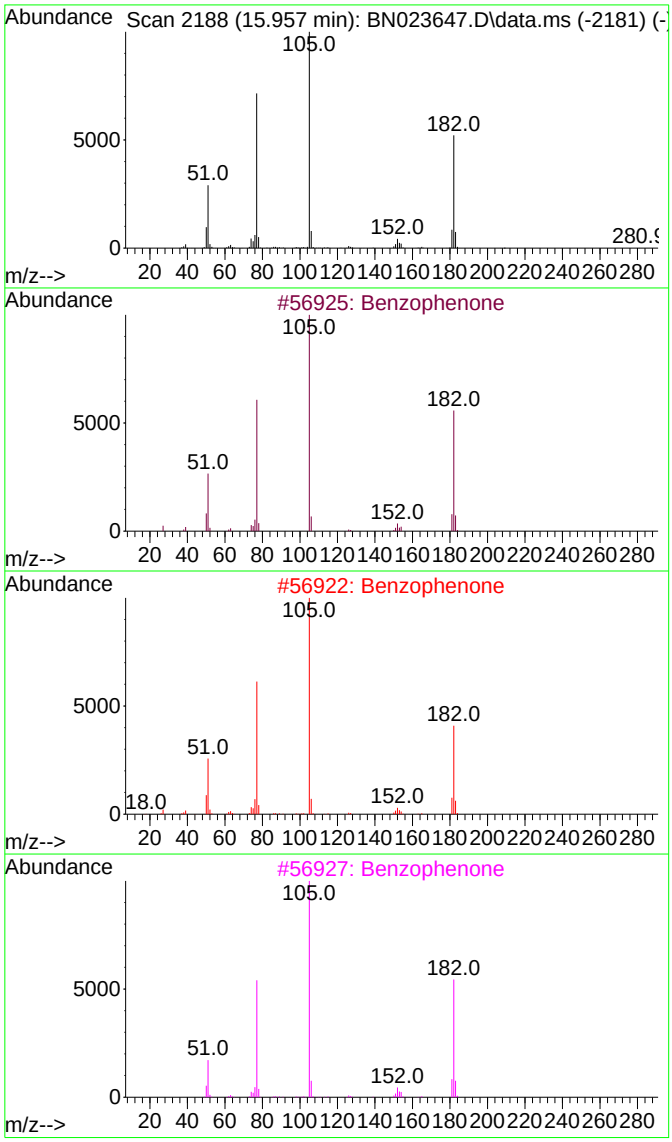
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

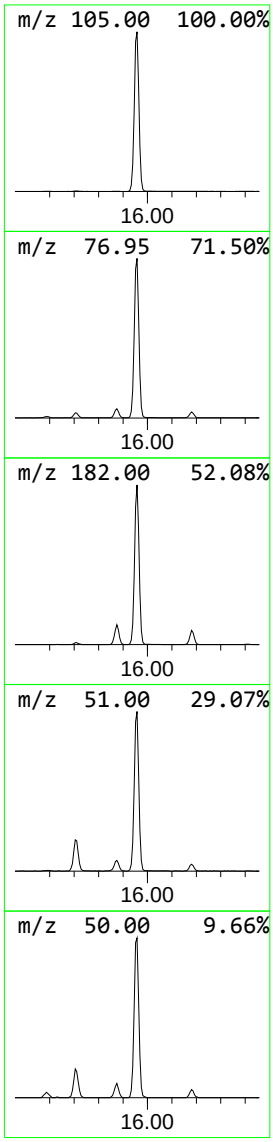
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	16.75 ng/ul	2043470	Acenaphthene-d10	14.599

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	95
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011323\
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Acq On : 12 Jan 2023 16:47
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Sample : 01050-04ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4477ME

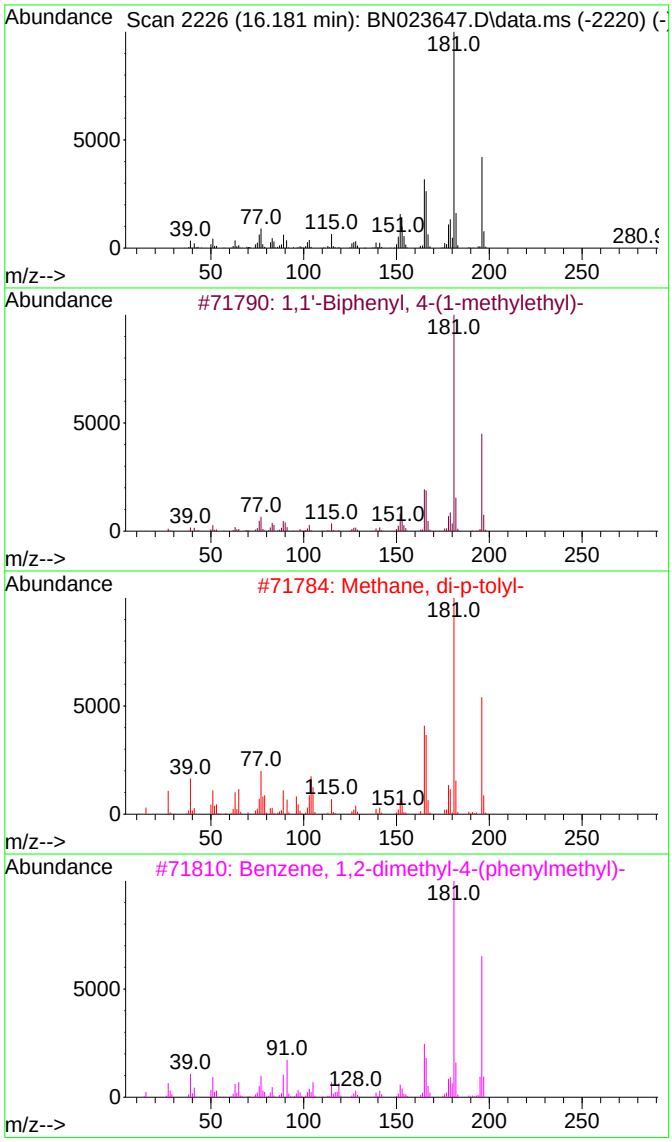
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

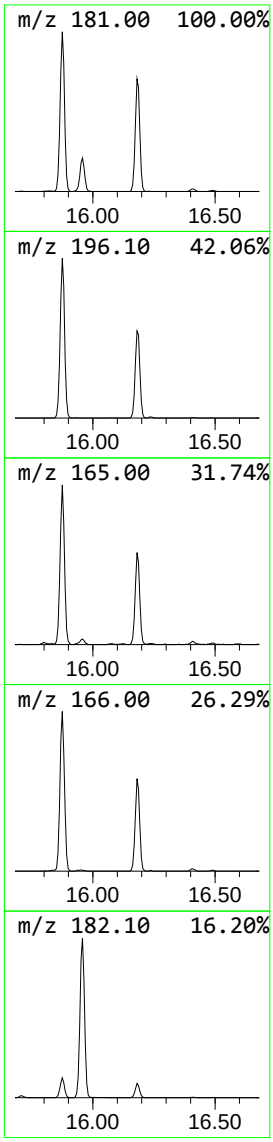
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	4.73 ng/ul	699737	Phenanthrene-d10	17.345

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	94
3	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94
4	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	90





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Sample : 01050-04ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4477ME

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

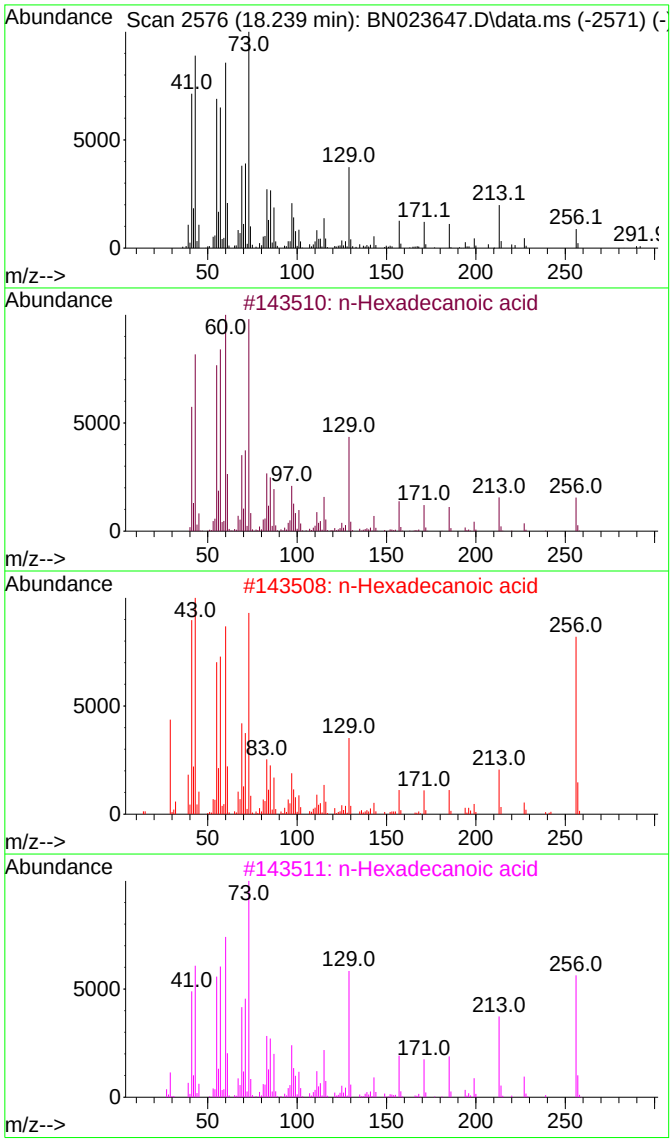
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

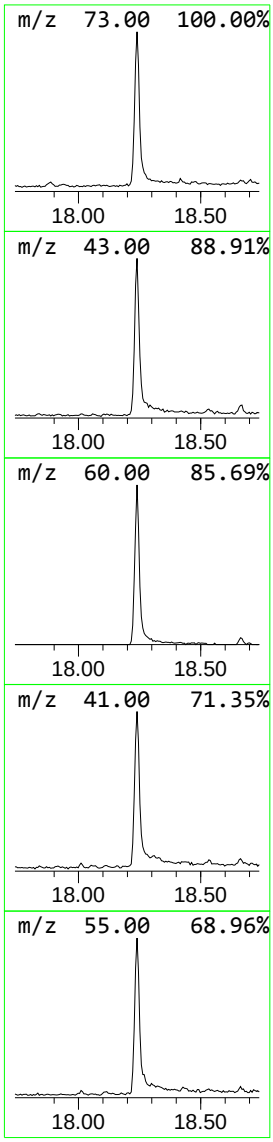
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	2.81 ng/ul	416303	Phenanthrene-d10	17.345

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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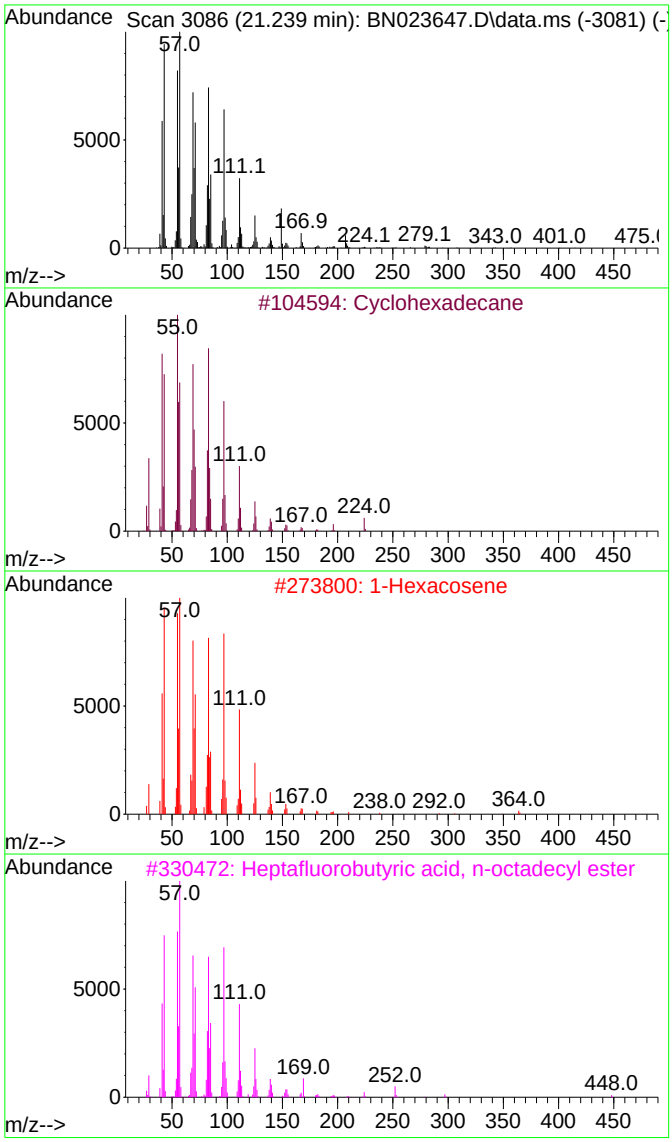
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

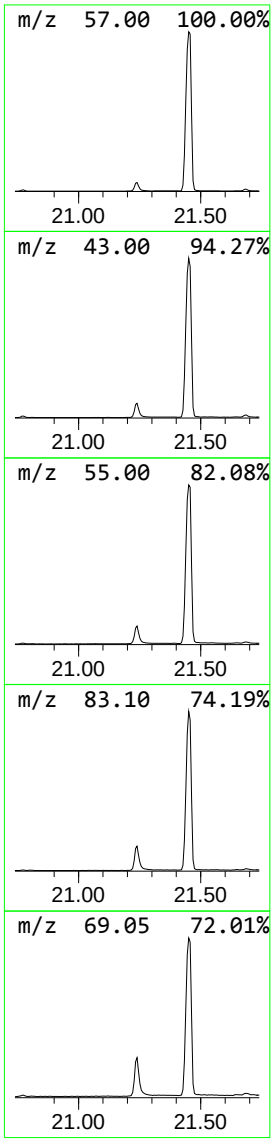
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic21.239 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.239	7.67 ng/ul	1223140	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

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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...	15.875	9.1	ng/ul	1108030	3	14.599	2439630	20.0
Benzophenone	15.957	16.8	ng/ul	2043470	3	14.599	2439630	20.0
1,1'-Biphenyl, ...	16.181	4.7	ng/ul	699737	4	17.345	2957970	20.0
n-Hexadecanoic ...	18.240	2.8	ng/ul	416303	4	17.345	2957970	20.0
(DEL) Alkane: C...	21.239	7.7	ng/ul	1223140	5	21.533	3188100	20.0