LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056843.D
Acq On : 6 Mar 2023 16:02
Operator : CG/JU
Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBZX7

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_G\Methods\SFAM-EPA-BG022323.M
Title : SVOA CALIBRATION

Signal : TIC: BG056843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.435	321	323	328	rVB4	5472	8351	2.71%	0.220%
2	7.545	676	682	691	rVB	49050	83137	26.98%	2.192%
3	7.721	707	712	720	rVB	31988	53510	17.37%	1.411%
4	7.938	744	749	756	rVB2	42660	74091	24.04%	1.953%
5	8.420	825	831	841	rVB	67513	115109	37.36%	3.035%
6	9.108	942	948	954	rBV2	54933	94249	30.59%	2.485%
7	9.243	966	971	979	rBV3	7930	14991	4.86%	0.395%
8	9.495	1012	1014	1017	rVB2	1106	939	0.30%	0.025%
9	9.589	1024	1030	1036	rBV	48670	85094	27.61%	2.244%
10	9.959	1091	1093	1095	rBV3	934	664	0.22%	0.018%
11	10.318	1147	1154	1161	rVB	38836	70462	22.87%	1.858%
12	10.453	1173	1177	1178	rBV2	764	907	0.29%	0.024%
13	10.571	1193	1197	1198	rVB2	1037	678	0.22%	0.018%
14	10.623	1204	1206	1210	rVB2	893	1046	0.34%	0.028%
15	10.670	1210	1214	1217	rBV3	1250	1948	0.63%	0.051%
16	10.858	1239	1246	1255	rBV	63084	112283	36.44%	2.960%
17	11.017	1269	1273	1279	rBV2	814	2069	0.67%	0.055%
18	11.123	1289	1291	1294	rBV2	486	567	0.18%	0.015%
19	11.252	1306	1313	1322	rVV2	97360	179181	58.15%	4.724%
20	11.375	1328	1334	1344	rVB2	38961	71930	23.34%	1.896%
21	11.575	1366	1368	1373	rBV2	808	1176	0.38%	0.031%
22	11.928	1426	1428	1432	rBV3	640	817	0.27%	0.022%
23	12.010	1440	1442	1444	rBV2	822	863	0.28%	0.023%
24	12.280	1486	1488	1492	rVB	730	766	0.25%	0.020%
25	12.327	1492	1496	1500	rVB2	767	1015	0.33%	0.027%
26	12.433	1510	1514	1515	rBV2	465	655	0.21%	0.017%
27	12.568	1535	1537	1539	rVB2	879	636	0.21%	0.017%
28	12.603	1541	1543	1546	rBV2	933	1083	0.35%	0.029%
29	12.703	1557	1560	1562	rBV2	889	579	0.19%	0.015%
30	12.756	1567	1569	1572	rVB2	738	742	0.24%	0.020%
31	12.803	1574	1577	1578	rBV	835	692	0.22%	0.018%
32	12.862	1586	1587	1591	rVB	591	590	0.19%	0.016%
33	12.991	1606	1609	1613	rBV2	796	1201	0.39%	0.032%
34	13.197	1641	1644	1646	rBV3	542	686	0.22%	0.018%
35	13.385	1672	1676	1680	rVB3	567	948	0.31%	0.025%
36	13.620	1712	1716	1718	rBV2	423	703	0.23%	0.019%

LSC Area Percent Report

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Acq On : 6 Mar 2023 16:02
Operator : CG/JU
Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZX7

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_G\Methods\SFAM-EPA-BG022323.M
Title : SVOA CALIBRATION

37	13.820	1746	1750	1754	rBV3	2557	3081	1.00%	0.081%
38	13.867	1756	1758	1762	rVV	662	692	0.22%	0.018%
39	13.908	1762	1765	1766	rVB	674	539	0.17%	0.014%
40	13.931	1766	1769	1774	rBV2	583	1122	0.36%	0.030%
41	14.331	1834	1837	1840	rBV2	500	779	0.25%	0.021%
42	14.407	1844	1850	1857	rVV	126513	184167	59.77%	4.856%
43	14.525	1868	1870	1872	rBV	868	689	0.22%	0.018%
44	14.719	1896	1903	1911	rVB	133382	209450	67.97%	5.522%
45	14.801	1914	1917	1921	rVB2	429	586	0.19%	0.015%
46	14.877	1926	1930	1933	rBV3	1837	2957	0.96%	0.078%
47	15.024	1947	1955	1962	rVB	173507	263836	85.62%	6.956%
48	15.118	1968	1971	1973	rVB2	646	593	0.19%	0.016%
49	15.177	1976	1981	1989	rBV	47868	80022	25.97%	2.110%
50	15.336	2004	2008	2013	rBV3	1472	2210	0.72%	0.058%
51	15.406	2017	2020	2022	rVV2	1238	1673	0.54%	0.044%
52	15.553	2043	2045	2052	rBV2	754	1026	0.33%	0.027%
53	15.676	2062	2066	2067	rVB2	827	618	0.20%	0.016%
54	15.753	2076	2079	2082	rBV2	1014	1036	0.34%	0.027%
55	15.817	2086	2090	2093	rVV2	1633	2214	0.72%	0.058%
56	16.005	2115	2122	2129	rVV	171974	271851	88.22%	7.168%
57	16.105	2133	2139	2145	rVV	38159	52586	17.07%	1.386%
58	16.352	2176	2181	2188	rVB	58397	81547	26.46%	2.150%
59	16.505	2205	2207	2210	rBV	381	548	0.18%	0.014%
60	16.675	2232	2236	2238	rBV2	2111	2677	0.87%	0.071%
61	16.693	2238	2239	2242	rVV	902	941	0.31%	0.025%
62	16.752	2246	2249	2253	rBV	692	1011	0.33%	0.027%
63	16.787	2253	2255	2257	rBV	590	563	0.18%	0.015%
64	16.846	2264	2265	2270	rVB	731	585	0.19%	0.015%
65	16.916	2276	2277	2279	rBV	1432	752	0.24%	0.020%
66	17.110	2308	2310	2312	rVB2	1153	611	0.20%	0.016%
67	17.192	2322	2324	2328	rBV	911	870	0.28%	0.023%
68	17.245	2330	2333	2334	rBV	782	640	0.21%	0.017%
69	17.345	2347	2350	2352	rVB2	1510	1122	0.36%	0.030%
70	17.410	2354	2361	2362	rBV	623	995	0.32%	0.026%
71	17.462	2367	2370	2373	rVB3	2375	3165	1.03%	0.083%
72	17.498	2373	2376	2377	rBV	1033	775	0.25%	0.020%
73	17.539	2382	2383	2385	rVB	1270	711	0.23%	0.019%
74	17.562	2385	2387	2389	rBV	886	968	0.31%	0.026%
75	17.598	2389	2393	2395	rBV	1444	1629	0.53%	0.043%
76	17.656	2401	2403	2406	rBV2	1809	1496	0.49%	0.039%

LSC Area Percent Report

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Acq On : 6 Mar 2023 16:02
Operator : CG/JU
Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZX7

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Title : SVOA CALIBRATION

77	17.697	2408	2410	2411	rBV	586	583	0.19%	0.015%
78	17.756	2413	2420	2427	rVB	204611	308147	100.00%	8.124%
79	17.856	2430	2437	2443	rBV2	189148	299316	97.13%	7.892%
80	17.991	2458	2460	2461	rBV	1049	656	0.21%	0.017%
81	18.091	2475	2477	2478	rVB2	1050	597	0.19%	0.016%
82	18.156	2486	2488	2489	rVB	1381	689	0.22%	0.018%
83	18.179	2489	2492	2494	rBV	1259	1796	0.58%	0.047%
84	18.238	2499	2502	2503	rBV2	1019	870	0.28%	0.023%
85	18.450	2536	2538	2540	rBV2	969	794	0.26%	0.021%
86	18.491	2543	2545	2546	rBV2	1554	1096	0.36%	0.029%
87	18.508	2546	2548	2549	rVB2	1261	730	0.24%	0.019%
88	18.538	2552	2553	2555	rVB	1430	936	0.30%	0.025%
89	18.591	2557	2562	2570	rBV3	32372	47286	15.35%	1.247%
90	18.808	2597	2599	2601	rBV3	1494	1200	0.39%	0.032%
91	18.849	2605	2606	2607	rVB	2123	748	0.24%	0.020%
92	18.873	2608	2610	2611	rBV2	2033	1431	0.46%	0.038%
93	19.008	2630	2633	2641	rVB4	8283	10987	3.57%	0.290%
94	19.425	2702	2704	2706	rBV3	2675	2004	0.65%	0.053%
95	20.112	2815	2821	2827	rVB	177510	264746	85.92%	6.980%
96	20.535	2889	2893	2897	rBV	19909	26744	8.68%	0.705%
97	21.064	2979	2983	2986	rVB	28169	34262	11.12%	0.903%
98	21.628	3077	3079	3087	rVB5	22251	36048	11.70%	0.950%
99	22.063	3147	3153	3160	rVB2	179481	305183	99.04%	8.046%
100	25.588	3747	3753	3762	rVB	102321	278280	90.31%	7.337%

Sum of corrected areas: 3792820

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056843.D
Acq On : 6 Mar 2023 16:02
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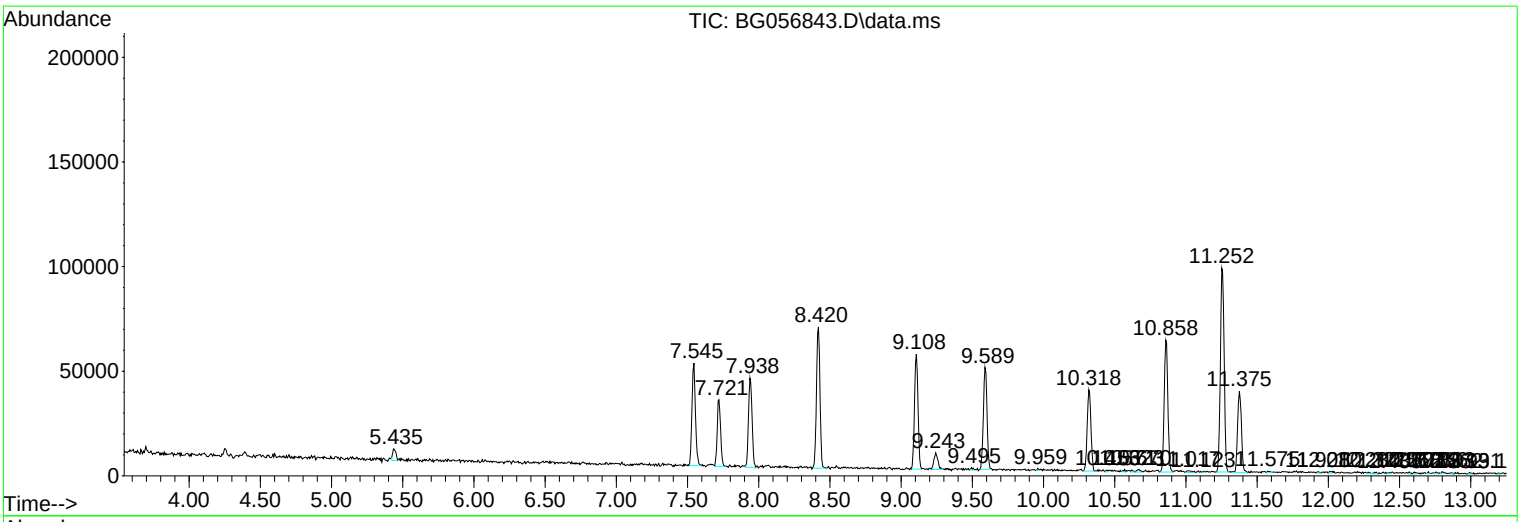
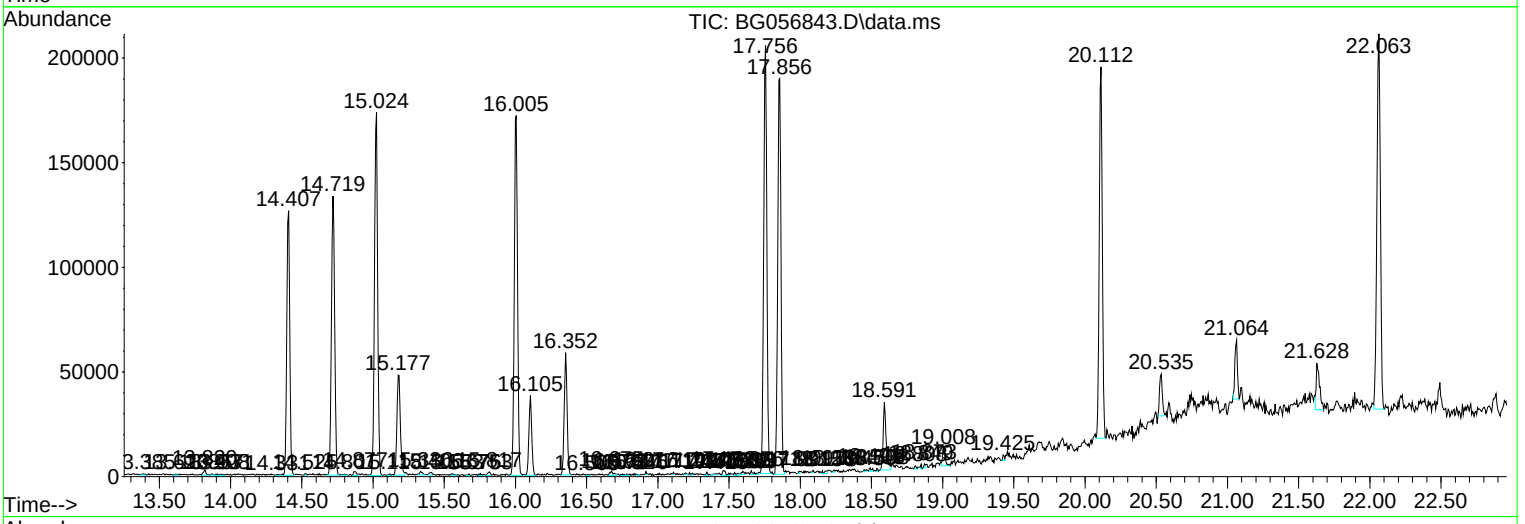
Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

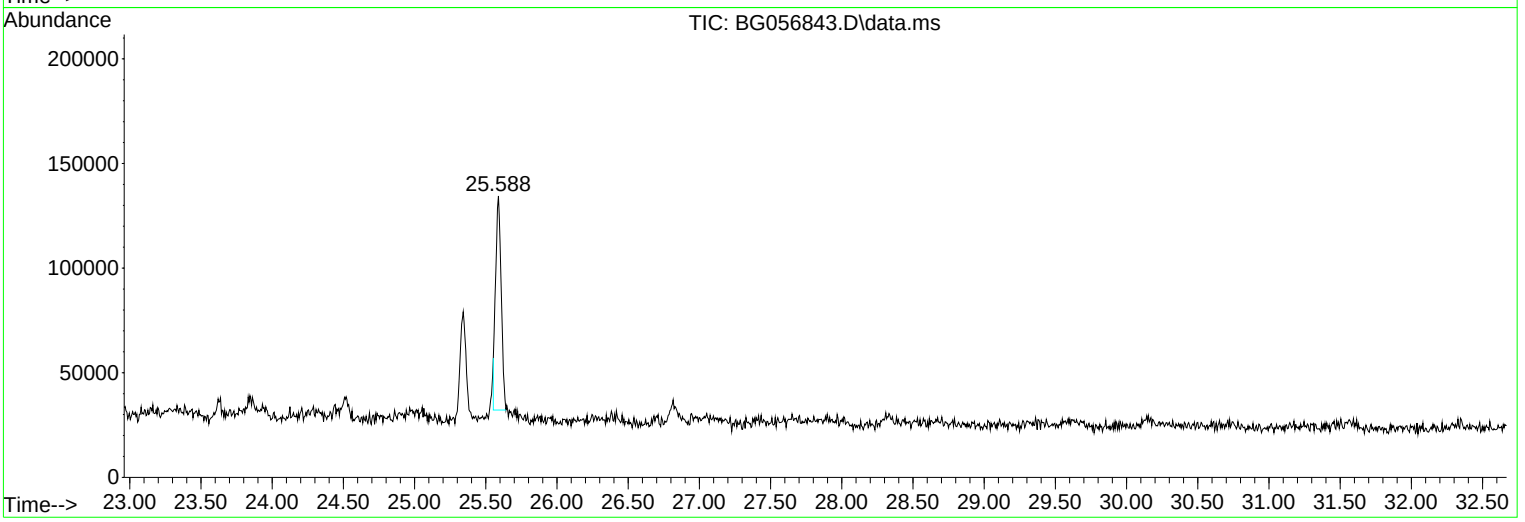
Instrument :
BNA_G
ClientSampleId :
DBZX7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056843.D
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Operator : CG/JU
Sample : 01712-15
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

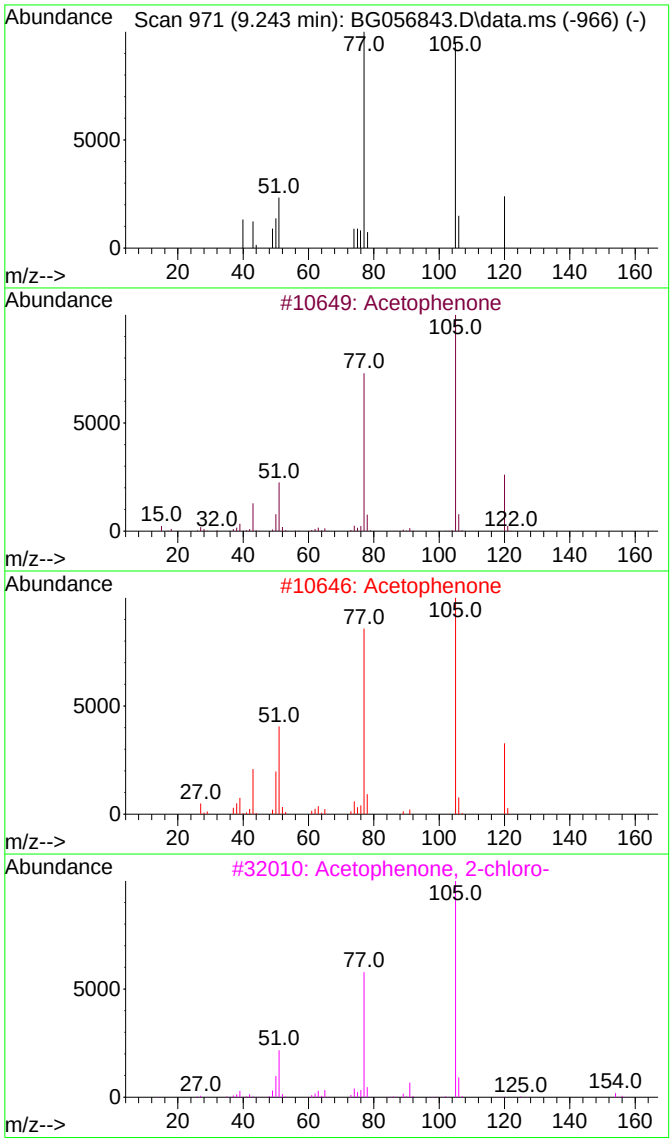
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

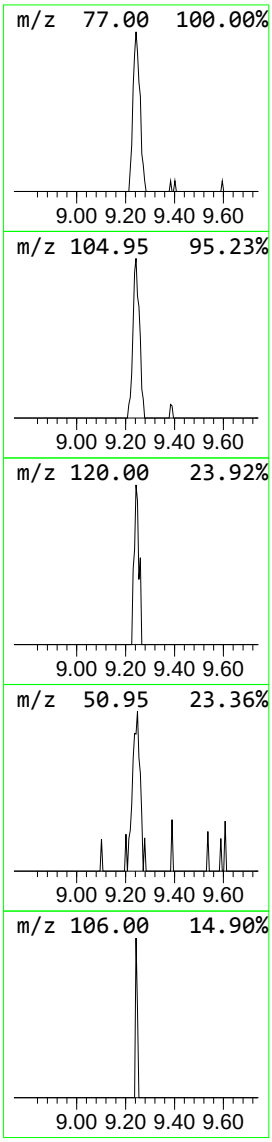
****

Peak Number 1 Acetophe none Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.243	2.60 ng/ul	14991	1,4-Dichlorobenzene-d4	8.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	86
2	Acetophenone	120	C8H8O	000098-86-2	72
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	64
4	Benzoylformic acid	150	C8H6O3	000611-73-4	64
5	s-Hydroxymethylthiobenzoate	168	C8H8O2S	023853-33-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056843.D
Acq On : 6 Mar 2023 16:02
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Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

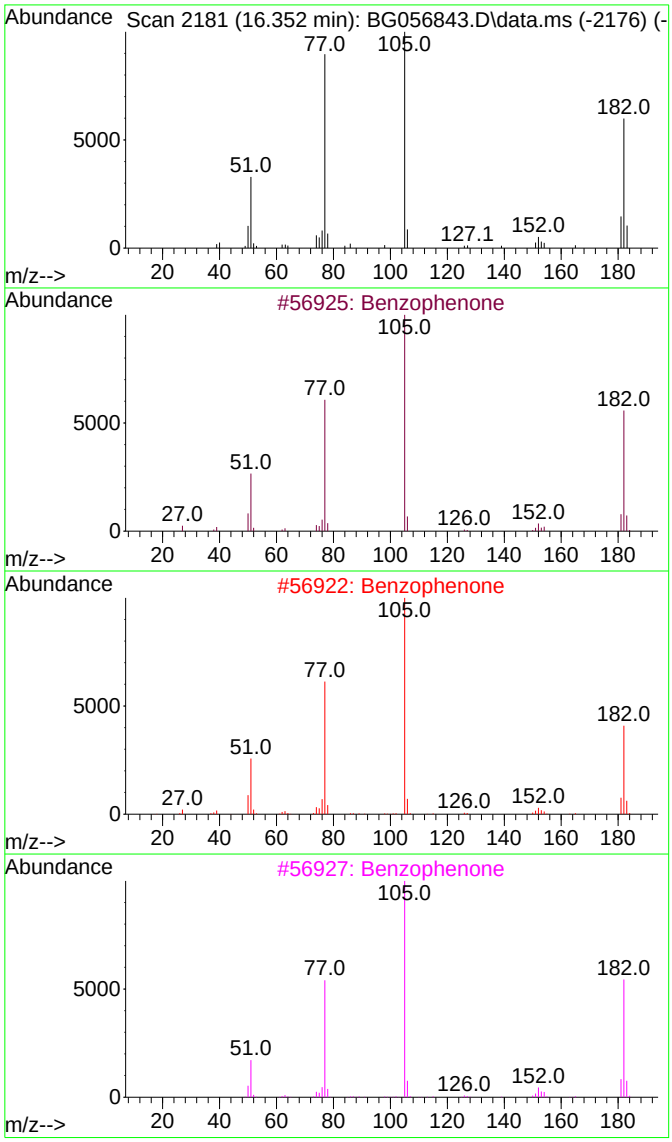
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

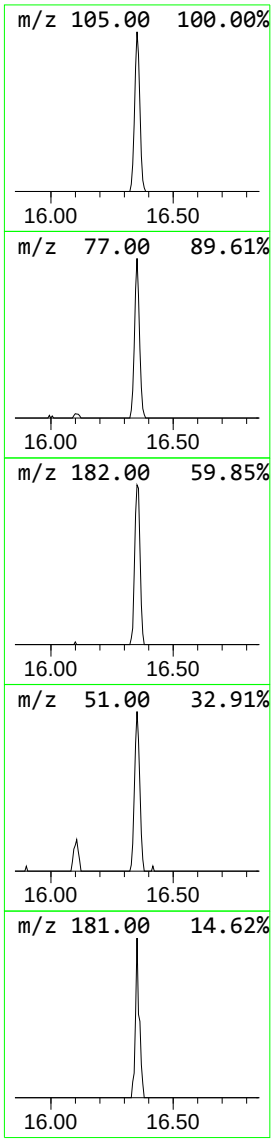
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.352	6.18 ng/ul	81547	Acenaphthene-d10	15.024

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	90
5	Benzophenone	182	C13H10O	000119-61-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056843.D
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Operator : CG/JU
Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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

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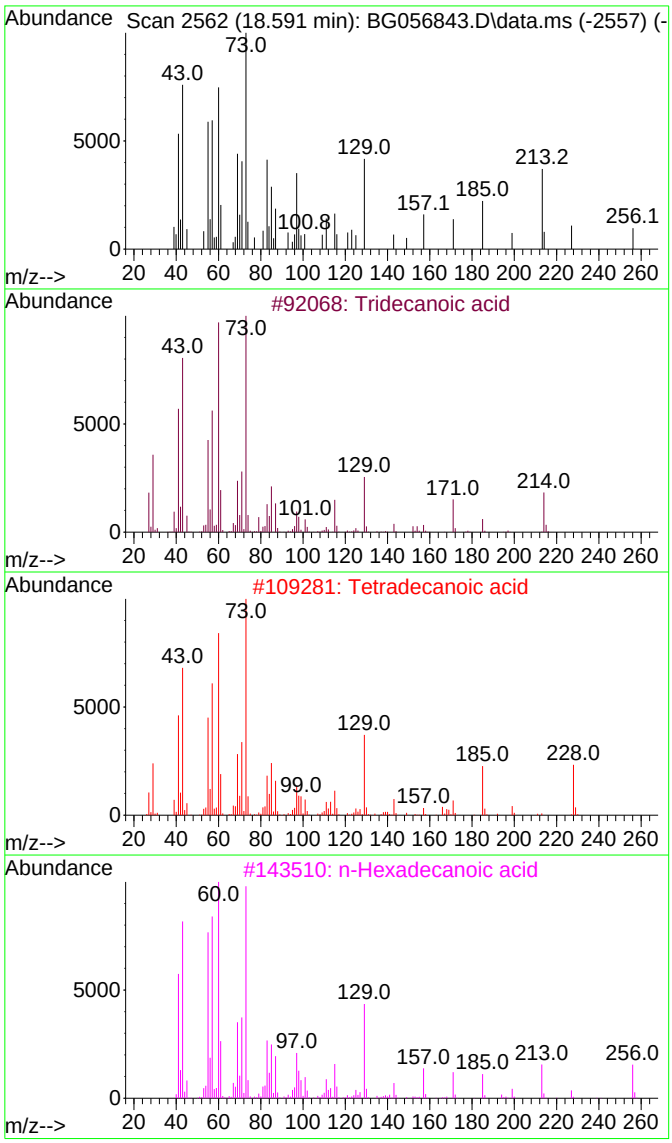
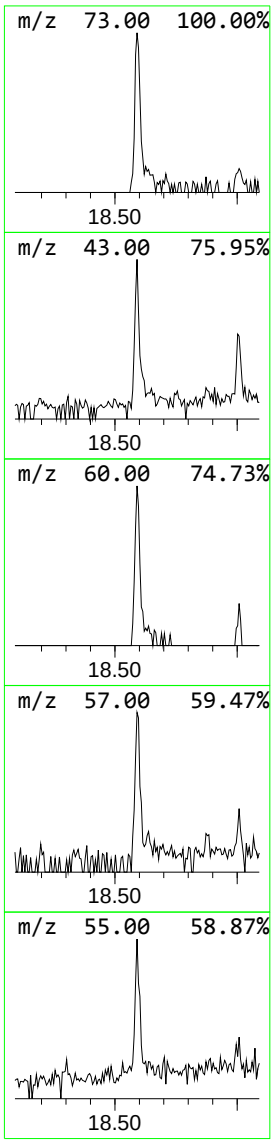
Peak Number 3 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.590	3.07 ng/ul	47286	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	45





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Acq On : 6 Mar 2023 16:02
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Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZX7

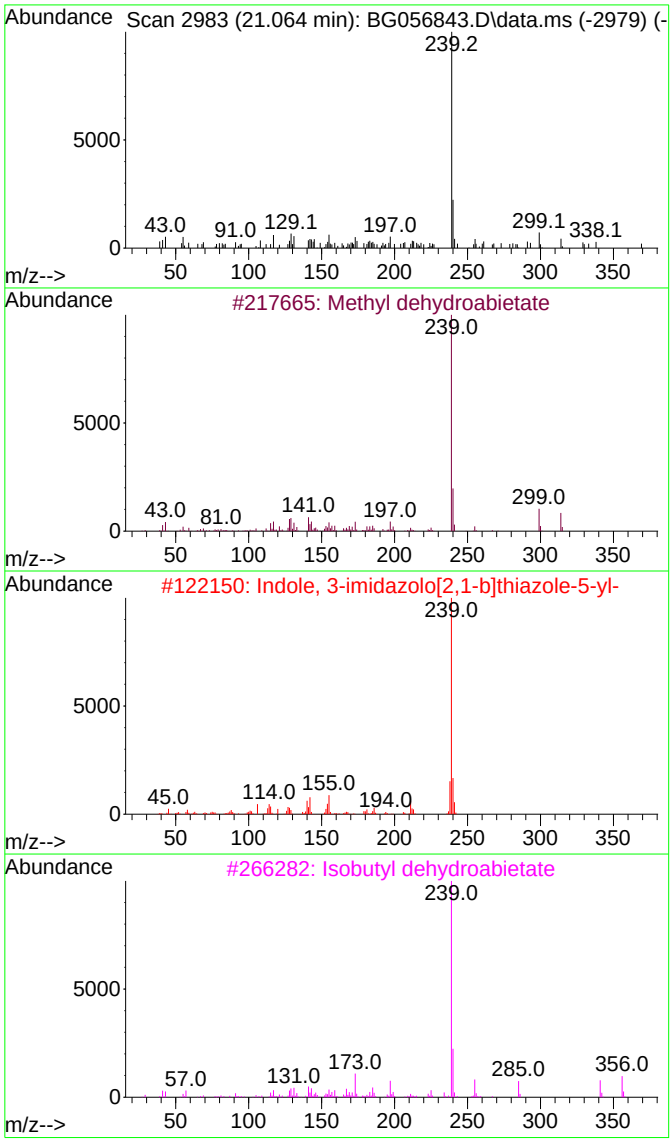
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

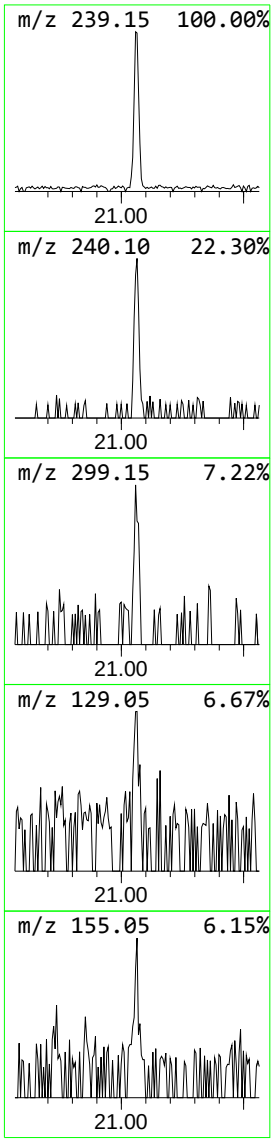
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Methyl dehydroabietate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.064	2.25 ng/ul	34262	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	93
2	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	64
3	Isobutyl dehydroabietate	356	C24H36O2	1000457-94-3	64
4	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	64
5	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056843.D
Acq On : 6 Mar 2023 16:02
Operator : CG/JU
Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZX7

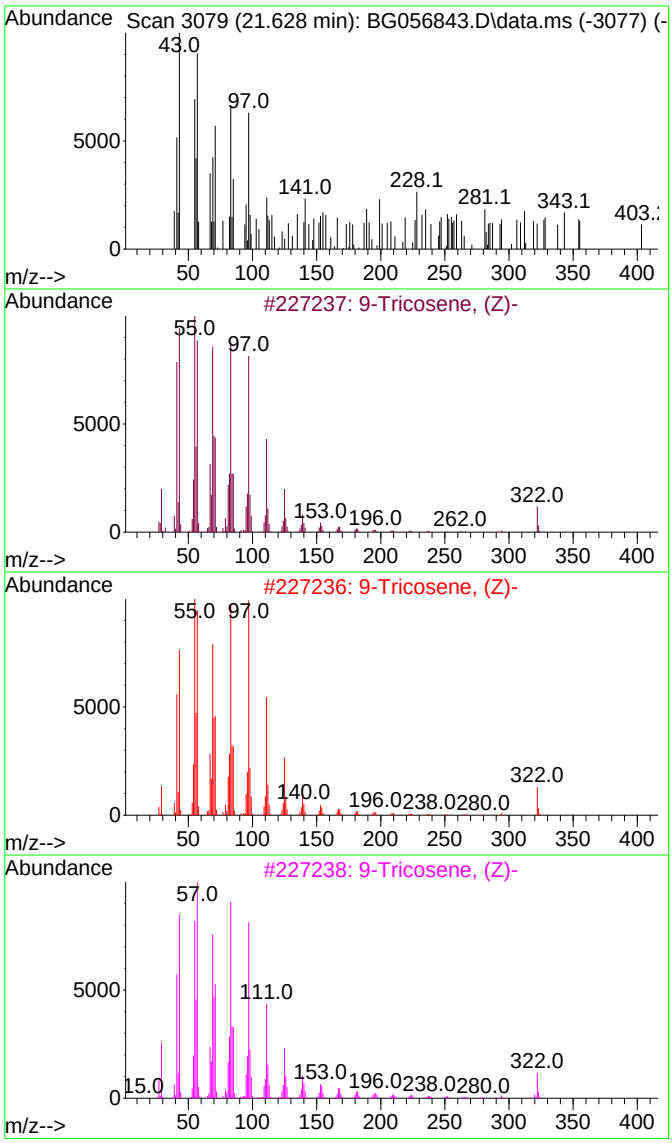
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

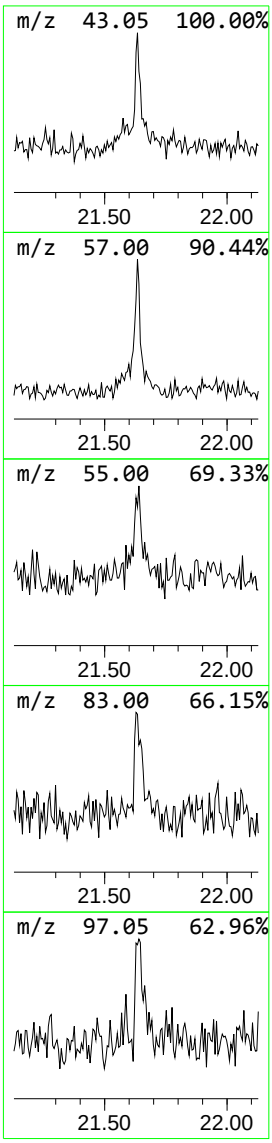
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.628	2.36 ng/ul	36048	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	22
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	22
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	22
4	Heptanal, (2,4-dinitrophenyl)hyd...	294	C13H18N4O4	002074-05-7	18
5	3,5-Dinitro-1-{[1,2,4]triazolo[4...	309	C6H3N11O5	1010443-90-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056843.D
Acq On : 6 Mar 2023 16:02
Operator : CG/JU
Sample : 01712-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZX7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.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
Acetophe none	9.243	2.6	ng/ul	14991	1	8.414	115109	20.0
Benzophenone	16.352	6.2	ng/ul	81547	3	15.024	263836	20.0
Tridecanoic acid	18.590	3.1	ng/ul	47286	4	17.756	308147	20.0
Methyl dehydroa...	21.064	2.3	ng/ul	34262	5	22.063	305183	20.0
(DEL) Alkane: S...	21.628	2.4	ng/ul	36048	5	22.063	305183	20.0