LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063468.D
Acq On : 16 Nov 2024 20:21
Operator : RC/JU
Sample : P4829-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E29W2

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-BG110624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.300	33	36	41	rBV3	19295	29145	0.72%	0.078%
2	3.711	102	106	118	rBV	117350	202616	5.01%	0.539%
3	4.134	176	178	183	rVB4	4735	6454	0.16%	0.017%
4	5.550	416	419	424	rBV3	5802	8472	0.21%	0.023%
5	5.679	438	441	449	rVB6	4742	10894	0.27%	0.029%
6	6.408	561	565	568	rVB4	6259	8799	0.22%	0.023%
7	7.013	662	668	677	rVB	117812	211890	5.24%	0.564%
8	7.124	683	687	688	rBV2	4547	5728	0.14%	0.015%
9	7.166	688	694	703	rVB	290626	485726	12.02%	1.292%
10	7.365	722	728	736	rBV	349922	594382	14.71%	1.581%
11	7.830	798	807	814	rBV2	315504	551734	13.66%	1.468%
12	7.894	814	818	825	rVB2	65708	109310	2.71%	0.291%
13	8.546	921	929	936	rBV2	371366	655682	16.23%	1.745%
14	8.652	942	947	952	rVB3	35210	66928	1.66%	0.178%
15	8.922	987	993	998	rBV2	44928	79180	1.96%	0.211%
16	8.987	998	1004	1014	rVB	409351	687457	17.01%	1.829%
17	9.169	1028	1035	1041	rBV4	45098	110290	2.73%	0.293%
18	9.416	1074	1077	1080	rVB4	9332	10533	0.26%	0.028%
19	9.551	1093	1100	1105	rBV9	10108	26810	0.66%	0.071%
20	9.704	1119	1126	1134	rBV	362967	627255	15.52%	1.669%
21	10.250	1210	1219	1231	rBV	559186	1023447	25.33%	2.723%
22	10.532	1262	1267	1274	rBV5	40130	74147	1.84%	0.197%
23	10.620	1275	1282	1289	rBV	476389	807208	19.98%	2.148%
24	10.673	1290	1291	1298	rVB4	14829	17761	0.44%	0.047%
25	10.756	1298	1305	1314	rBV	516103	949680	23.50%	2.527%
26	11.149	1370	1372	1376	rVB3	4955	6103	0.15%	0.016%
27	11.202	1376	1381	1382	rBV2	5000	6217	0.15%	0.017%
28	11.261	1388	1391	1392	rBV3	18332	17315	0.43%	0.046%
29	11.472	1423	1427	1432	rBV6	4703	7935	0.20%	0.021%
30	11.795	1478	1482	1483	rBV3	7093	7126	0.18%	0.019%
31	11.960	1508	1510	1513	rBV4	6363	7148	0.18%	0.019%
32	12.213	1548	1553	1555	rBV2	8225	14809	0.37%	0.039%
33	12.442	1589	1592	1594	rBV3	5340	7692	0.19%	0.020%
34	12.771	1644	1648	1652	rVB6	4604	8727	0.22%	0.023%
35	12.929	1670	1675	1678	rBV4	5876	10884	0.27%	0.029%
36	13.076	1696	1700	1705	rVB5	14300	23264	0.58%	0.062%

LSC Area Percent Report

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Sample : P4829-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E29W2

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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Title : SVOA CALIBRATION

37	13.311	1735	1740	1745	rBV2	67418	107490	2.66%	0.286%
38	13.364	1745	1749	1752	rVV4	11184	15852	0.39%	0.042%
39	13.429	1756	1760	1763	rBV4	5973	9940	0.25%	0.026%
40	13.505	1770	1773	1778	rVB4	4230	5631	0.14%	0.015%
41	13.875	1829	1836	1842	rBV	1221830	1736202	42.97%	4.619%
42	13.993	1853	1856	1858	rBV4	6017	8124	0.20%	0.022%
43	14.163	1874	1885	1894	rBV2	1178866	1859397	46.02%	4.947%
44	14.469	1931	1937	1946	rVB	839934	1264555	31.30%	3.365%
45	14.698	1970	1976	1987	rBV3	70498	167749	4.15%	0.446%
46	14.909	2006	2012	2014	rVB7	8729	15749	0.39%	0.042%
47	15.150	2047	2053	2057	rVB4	15545	22144	0.55%	0.059%
48	15.280	2070	2075	2081	rBV2	35391	73858	1.83%	0.197%
49	15.468	2099	2107	2115	rBV	1683162	2637692	65.28%	7.018%
50	15.591	2121	2128	2137	rBV	529727	832079	20.59%	2.214%
51	15.703	2145	2147	2152	rBV5	9214	13407	0.33%	0.036%
52	15.779	2153	2160	2165	rVV	2382142	3026493	74.90%	8.052%
53	15.832	2165	2169	2182	rVB	220290	371121	9.19%	0.987%
54	16.079	2207	2211	2215	rBV6	11681	18938	0.47%	0.050%
55	16.631	2303	2305	2309	rVB3	6698	8958	0.22%	0.024%
56	16.819	2334	2337	2340	rVB3	10434	14964	0.37%	0.040%
57	17.001	2364	2368	2371	rBV3	5095	7222	0.18%	0.019%
58	17.031	2371	2373	2378	rVB5	5045	6017	0.15%	0.016%
59	17.089	2380	2383	2385	rBV3	5831	7050	0.17%	0.019%
60	17.219	2395	2405	2412	rBV	1111726	1705723	42.22%	4.538%
61	17.318	2412	2422	2431	rVV	2154519	3202128	79.25%	8.520%
62	17.424	2435	2440	2444	rVB7	10726	18766	0.46%	0.050%
63	17.506	2451	2454	2458	rVB2	28560	36495	0.90%	0.097%
64	17.583	2463	2467	2468	rBV4	5066	5752	0.14%	0.015%
65	17.689	2483	2485	2490	rVB3	7369	9658	0.24%	0.026%
66	17.888	2514	2519	2527	rVB	266234	351848	8.71%	0.936%
67	18.082	2550	2552	2556	rVB4	9760	8270	0.20%	0.022%
68	18.123	2558	2559	2563	rBV4	9179	11489	0.28%	0.031%
69	18.188	2566	2570	2580	rVB	115739	195408	4.84%	0.520%
70	18.300	2587	2589	2595	rVB7	9307	12982	0.32%	0.035%
71	18.370	2598	2601	2603	rBV4	11913	13642	0.34%	0.036%
72	18.969	2699	2703	2710	rVB7	13838	25223	0.62%	0.067%
73	19.181	2735	2739	2748	rBV4	40764	61085	1.51%	0.163%
74	19.251	2748	2751	2757	rBV	31750	48065	1.19%	0.128%
75	19.545	2799	2801	2807	rVB5	14823	18913	0.47%	0.050%
76	19.622	2807	2814	2822	rBV	2948284	4040458	100.00%	10.750%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	19.851	2851	2853	2857	rBV5	11228	13284	0.33%	0.035%
78	20.456	2953	2956	2957	rBV3	9248	8243	0.20%	0.022%
79	21.220	3082	3086	3090	rBV	35523	55798	1.38%	0.148%
80	21.478	3124	3130	3141	rBV	1281731	1982296	49.06%	5.274%
81	23.070	3396	3401	3408	rVB3	48718	106656	2.64%	0.284%
82	24.304	3602	3611	3622	rVB	1520257	3869637	95.77%	10.296%
83	24.516	3637	3647	3658	rVB	774445	2073896	51.33%	5.518%

Sum of corrected areas: 37585095

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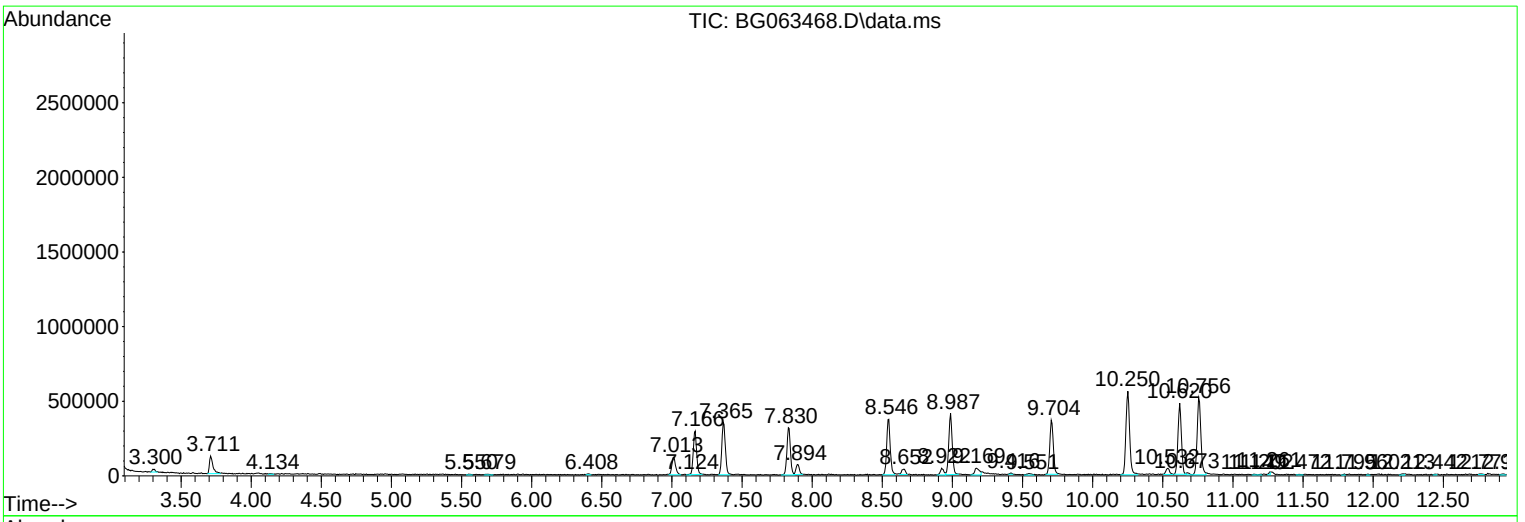
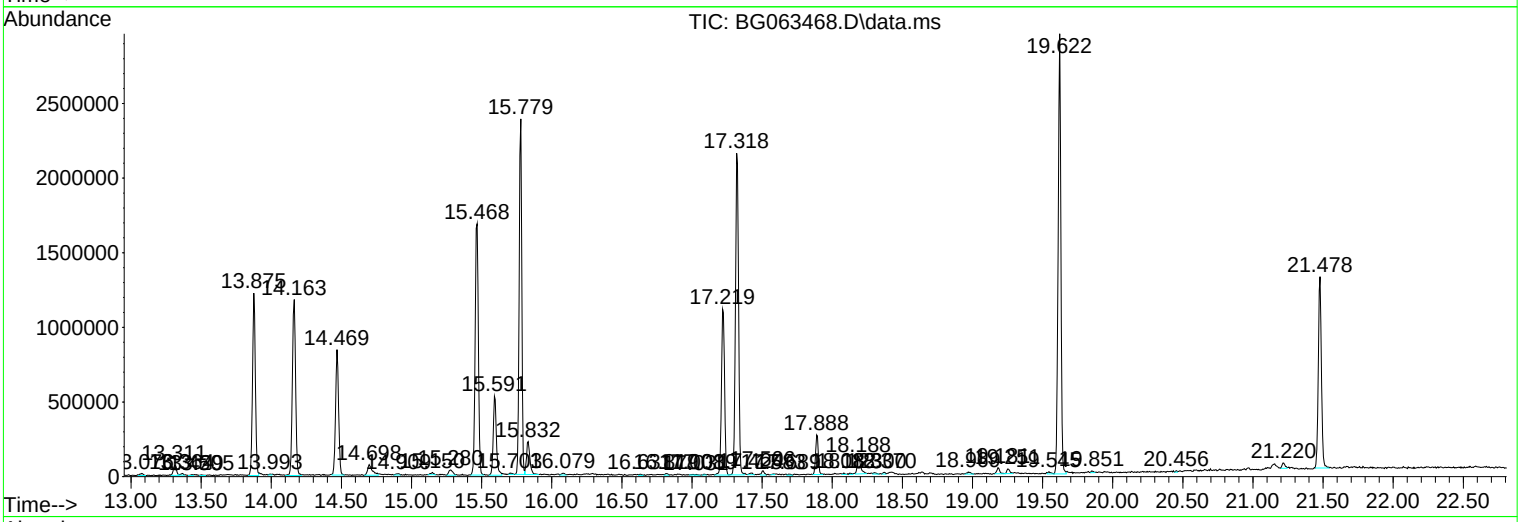
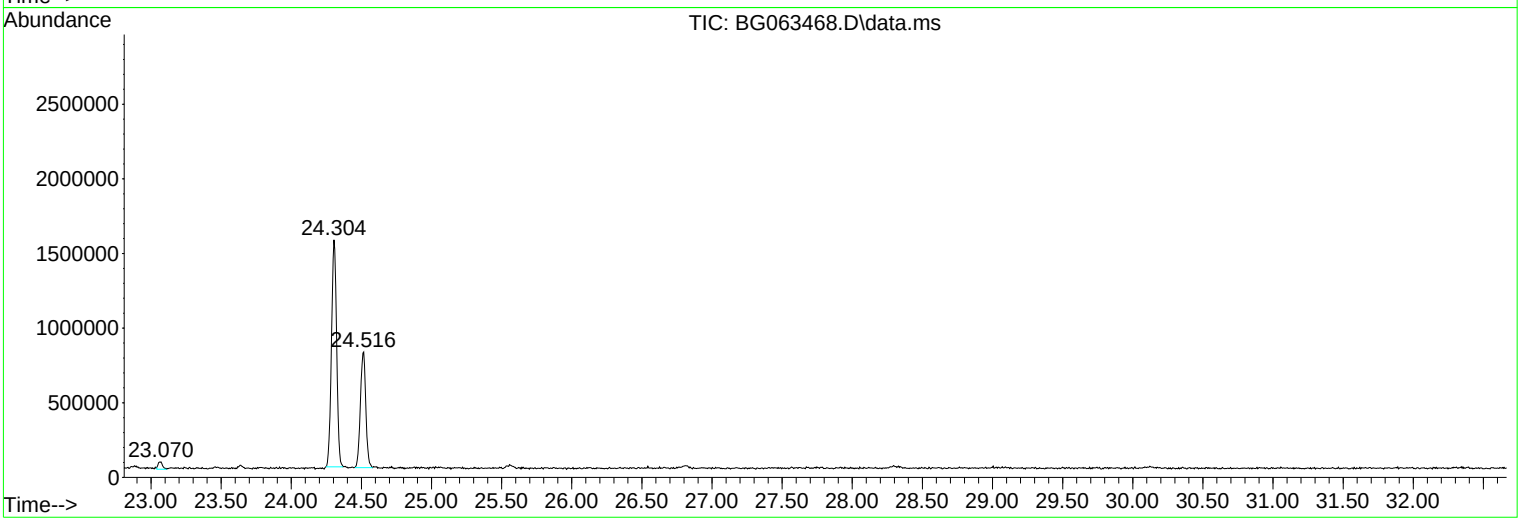
Instrument :
BNA_G
ClientSampleId :
E29W2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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







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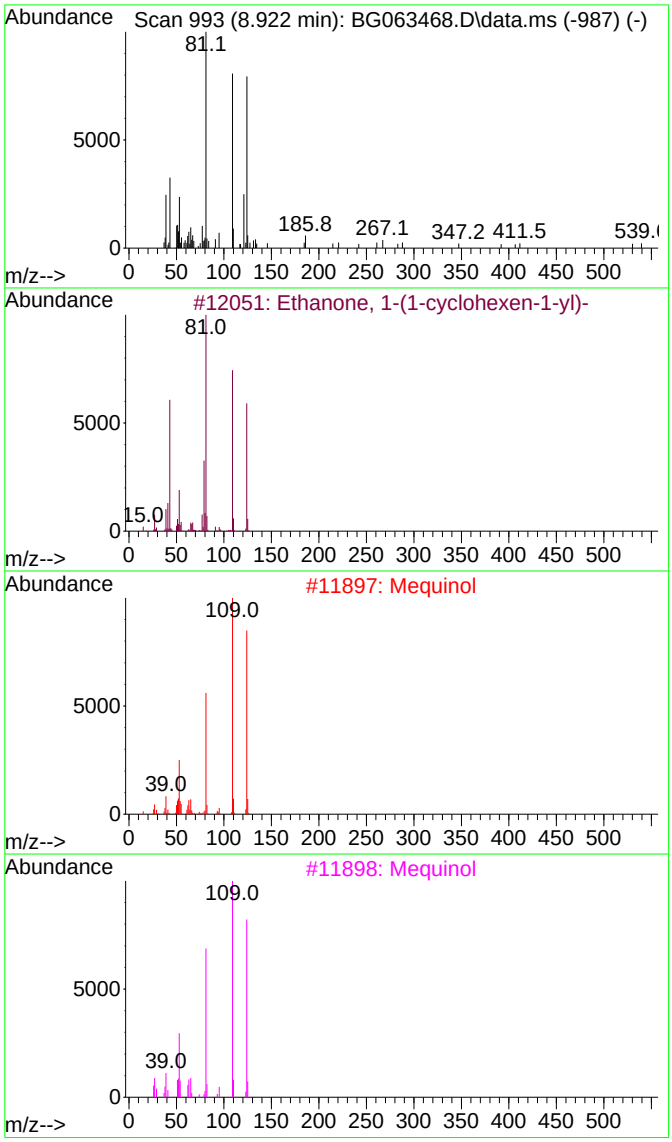
Quant Title : SVOA CALIBRATION

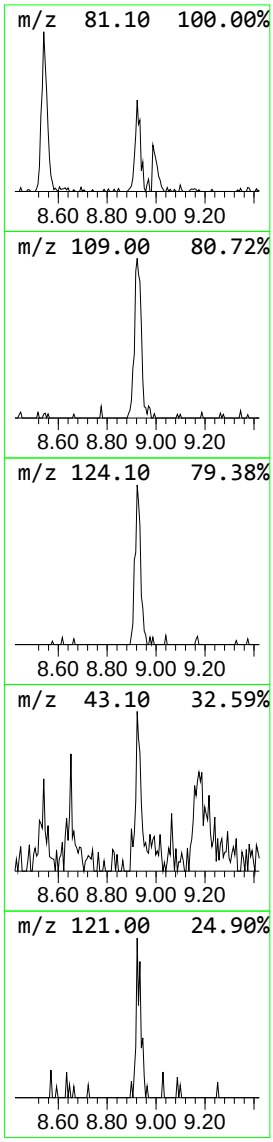
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	2.87 ng/ul	79180	1,4-Dichlorobenzene-d4	7.830

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	90
2	Mequinol	124	C7H8O2	000150-76-5	64
3	Mequinol	124	C7H8O2	000150-76-5	64
4	Mequinol	124	C7H8O2	000150-76-5	52
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	52





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E29W2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

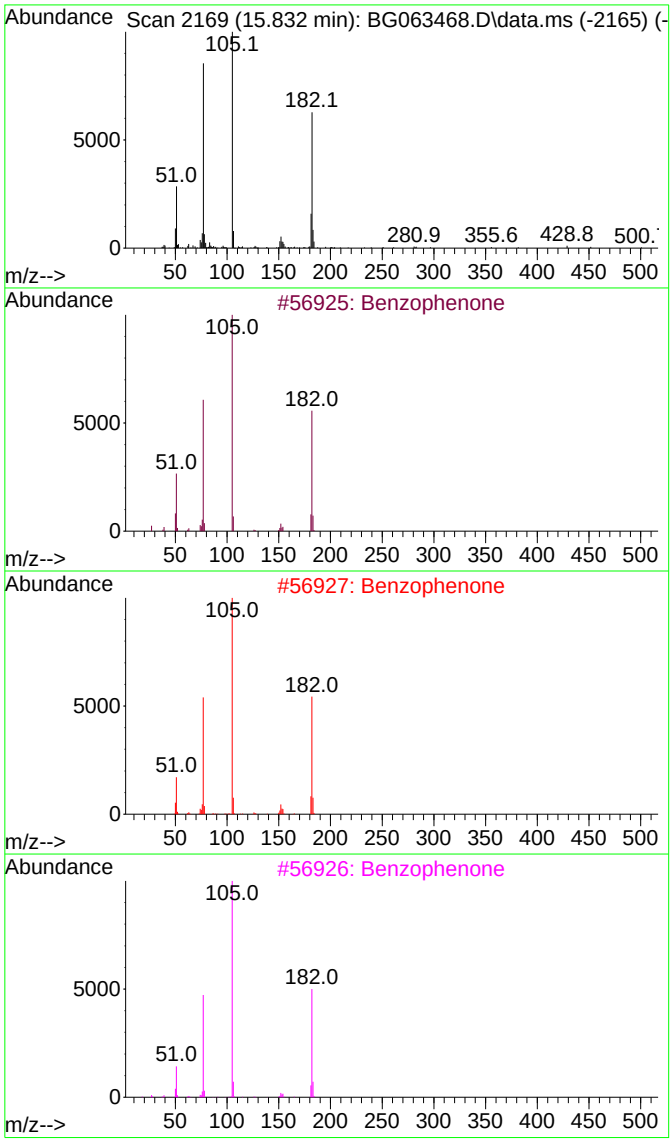
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

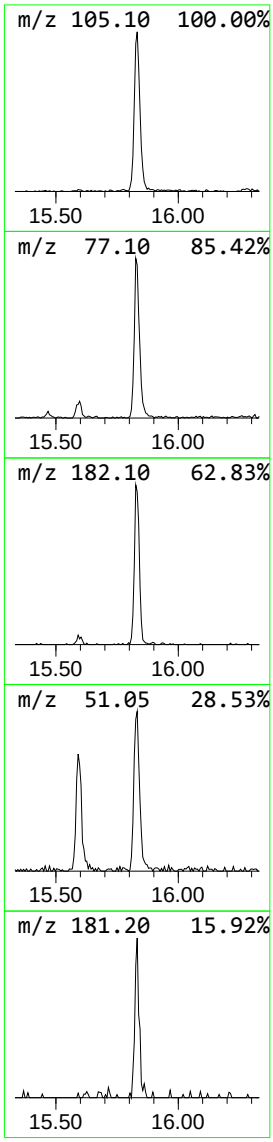
****

Peak Number 5 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.832	5.87 ng/ul	371121	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	86
4	Azobenzene	182	C12H10N2	000103-33-3	64
5	Benzophenone	182	C13H10O	000119-61-9	62





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Instrument :
BNA_G
ClientSampleId :
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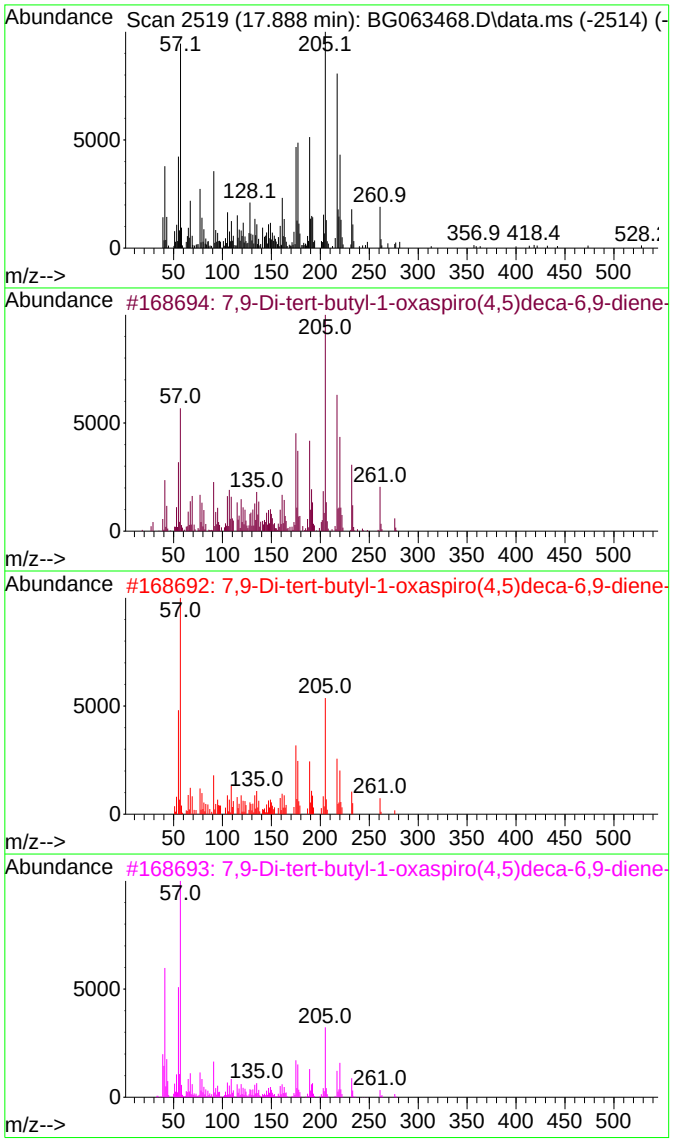
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

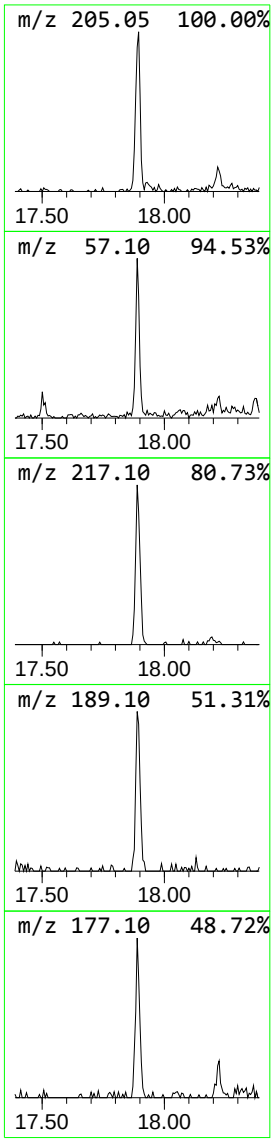
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.888	4.13 ng/ul	351848	Phenanthrene-d10	17.218

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	76
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	58
4	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	46
5	9-Acetylphenanthrene	220	C16H12O	002039-77-2	41





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
Ethanone, 1-(1-...	8.922	2.9	ng/ul	79180	1	7.830	551734	20.0
Benzophenone	15.832	5.9	ng/ul	371121	3	14.469	1264560	20.0
7,9-Di-tert-but...	17.888	4.1	ng/ul	351848	4	17.218	1705720	20.0