LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

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-BG092524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.722	102	108	116	rBV	92278	152628	0.59%	0.291%
2	7.018	663	669	677	rBV	142059	250932	0.96%	0.479%
3	7.177	689	696	703	rBV	82387	146871	0.56%	0.280%
4	7.382	725	731	739	rBV2	141593	245328	0.94%	0.468%
5	7.847	804	810	818	rBV	241620	417522	1.60%	0.797%
6	8.552	924	930	939	rVB	192349	328116	1.26%	0.626%
7	8.998	1001	1006	1014	rVB	128281	218324	0.84%	0.417%
8	9.075	1014	1019	1024	rVB2	26567	38877	0.15%	0.074%
9	9.721	1121	1129	1137	rBV	144947	258990	0.99%	0.494%
10	10.261	1215	1221	1230	rVB	232506	424674	1.63%	0.810%
11	10.637	1275	1285	1293	rBV	417138	762385	2.92%	1.455%
12	10.773	1301	1308	1318	rVB	209845	431128	1.65%	0.823%
13	10.908	1327	1331	1341	rVB7	10320	26806	0.10%	0.051%
14	11.019	1343	1350	1357	rVV5	20306	41010	0.16%	0.078%
15	11.149	1366	1372	1379	rBV3	43802	78835	0.30%	0.150%
16	11.901	1494	1500	1504	rBV9	17442	30425	0.12%	0.058%
17	12.053	1520	1526	1527	rBV2	22628	28329	0.11%	0.054%
18	12.106	1531	1535	1539	rVB5	19477	28565	0.11%	0.055%
19	12.241	1552	1558	1565	rBV10	11862	26274	0.10%	0.050%
20	12.471	1592	1597	1603	rBV4	38730	80668	0.31%	0.154%
21	12.729	1635	1641	1645	rBV6	14314	27105	0.10%	0.052%
22	13.311	1733	1740	1746	rBV6	37886	64669	0.25%	0.123%
23	13.528	1773	1777	1786	rVB6	37861	73134	0.28%	0.140%
24	13.657	1792	1799	1804	rBV8	25972	61840	0.24%	0.118%
25	13.798	1819	1823	1827	rBV4	19258	34737	0.13%	0.066%
26	13.887	1832	1838	1844	rVB	568453	856849	3.28%	1.635%
27	13.969	1846	1852	1856	rBV9	14764	29303	0.11%	0.056%
28	14.028	1858	1862	1868	rVB8	13657	27514	0.11%	0.052%
29	14.133	1873	1880	1882	rBV6	24264	52519	0.20%	0.100%
30	14.174	1882	1887	1899	rVB	603325	987500	3.79%	1.884%
31	14.386	1918	1923	1928	rBV	242564	326017	1.25%	0.622%
32	14.433	1928	1931	1934	rVV4	24253	35931	0.14%	0.069%
33	14.486	1934	1940	1946	rVB	790154	1235462	4.74%	2.357%
34	14.556	1948	1952	1955	rBV5	22812	35055	0.13%	0.067%
35	14.691	1970	1975	1981	rBV	195443	329347	1.26%	0.628%
36	15.032	2028	2033	2037	rVV5	64243	113929	0.44%	0.217%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_G
ClientSampleId :
DDC80

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-BG092524.MA.M
Title : SVOA CALIBRATION

37	15.079	2037	2041	2042	rVV3	57244	75364	0.29%	0.144%
38	15.114	2042	2047	2056	rVB2	433729	704741	2.70%	1.345%
39	15.214	2060	2064	2065	rBV3	27360	29045	0.11%	0.055%
40	15.314	2078	2081	2083	rBV4	36847	51724	0.20%	0.099%
41	15.344	2083	2086	2090	rVB	71708	84812	0.33%	0.162%
42	15.479	2102	2109	2117	rVB	944199	1415378	5.43%	2.701%
43	15.596	2119	2129	2139	rBV2	251535	504269	1.93%	0.962%
44	15.749	2144	2155	2163	rBV2	66426	145384	0.56%	0.277%
45	15.843	2165	2171	2177	rVB	290957	418465	1.60%	0.798%
46	16.207	2229	2233	2236	rBV2	69054	97385	0.37%	0.186%
47	16.301	2246	2249	2253	rBV6	20120	30775	0.12%	0.059%
48	16.407	2261	2267	2271	rBV4	78544	137986	0.53%	0.263%
49	16.442	2271	2273	2280	rVB8	33817	61659	0.24%	0.118%
50	16.730	2320	2322	2325	rVB	30185	27817	0.11%	0.053%
51	16.901	2340	2351	2363	rBV	16073884	26085206	100.00%	49.773%
52	16.995	2364	2367	2372	rVV5	150379	268186	1.03%	0.512%
53	17.048	2373	2376	2385	rVB10	81646	161559	0.62%	0.308%
54	17.241	2402	2409	2418	rVV	1200645	1866839	7.16%	3.562%
55	17.335	2418	2425	2430	rVV2	1177009	1725824	6.62%	3.293%
56	17.377	2430	2432	2436	rVV5	69560	84969	0.33%	0.162%
57	17.424	2438	2440	2445	rVB6	25275	29996	0.11%	0.057%
58	17.523	2452	2457	2458	rBV5	32139	42727	0.16%	0.082%
59	17.735	2488	2493	2499	rVB2	83777	114525	0.44%	0.219%
60	17.817	2504	2507	2509	rVV2	32345	45723	0.18%	0.087%
61	17.852	2509	2513	2518	rVB4	104287	155724	0.60%	0.297%
62	18.134	2556	2561	2568	rBV8	95168	161450	0.62%	0.308%
63	18.199	2570	2572	2577	rVB6	48123	62987	0.24%	0.120%
64	18.428	2608	2611	2615	rBV2	74806	92159	0.35%	0.176%
65	19.063	2716	2719	2729	rVB3	63165	98300	0.38%	0.188%
66	19.633	2810	2816	2822	rBV	1471215	2127567	8.16%	4.060%
67	19.738	2831	2834	2839	rBV7	18453	39788	0.15%	0.076%
68	19.897	2857	2861	2865	rBV7	25340	42645	0.16%	0.081%
69	20.038	2879	2885	2886	rBV6	16220	28059	0.11%	0.054%
70	20.173	2905	2908	2918	rVB9	49343	95691	0.37%	0.183%
71	20.673	2991	2993	2996	rVB4	49294	46460	0.18%	0.089%
72	20.972	3042	3044	3045	rBV2	31101	27176	0.10%	0.052%
73	21.154	3072	3075	3084	rVB6	119543	181027	0.69%	0.345%
74	21.489	3126	3132	3139	rBV	1310548	2014160	7.72%	3.843%
75	22.253	3257	3262	3268	rVB2	87415	151109	0.58%	0.288%
76	24.321	3604	3614	3623	rVB	848098	2146418	8.23%	4.096%

LSC Area Percent Report

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Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

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-BG092524.MA.M
Title : SVOA CALIBRATION

77	24.527	3639	3649	3661	rVB	822826	2301777	8.82%	4.392%
78	26.930	4051	4058	4060	rBV7	39572	83619	0.32%	0.160%
79	31.813	4884	4889	4894	rBV9	15672	34519	0.13%	0.066%

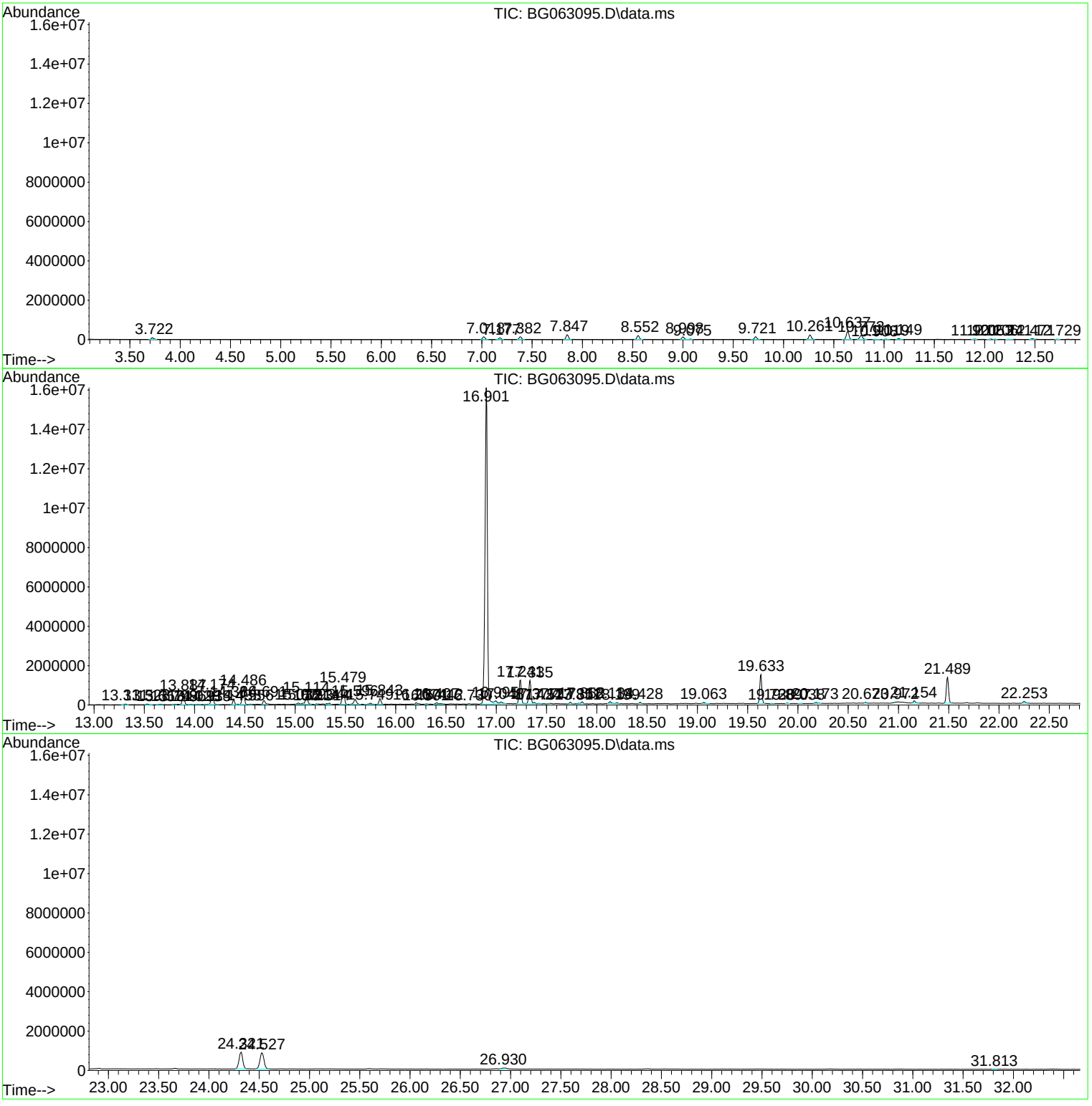
Sum of corrected areas: 52408591

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

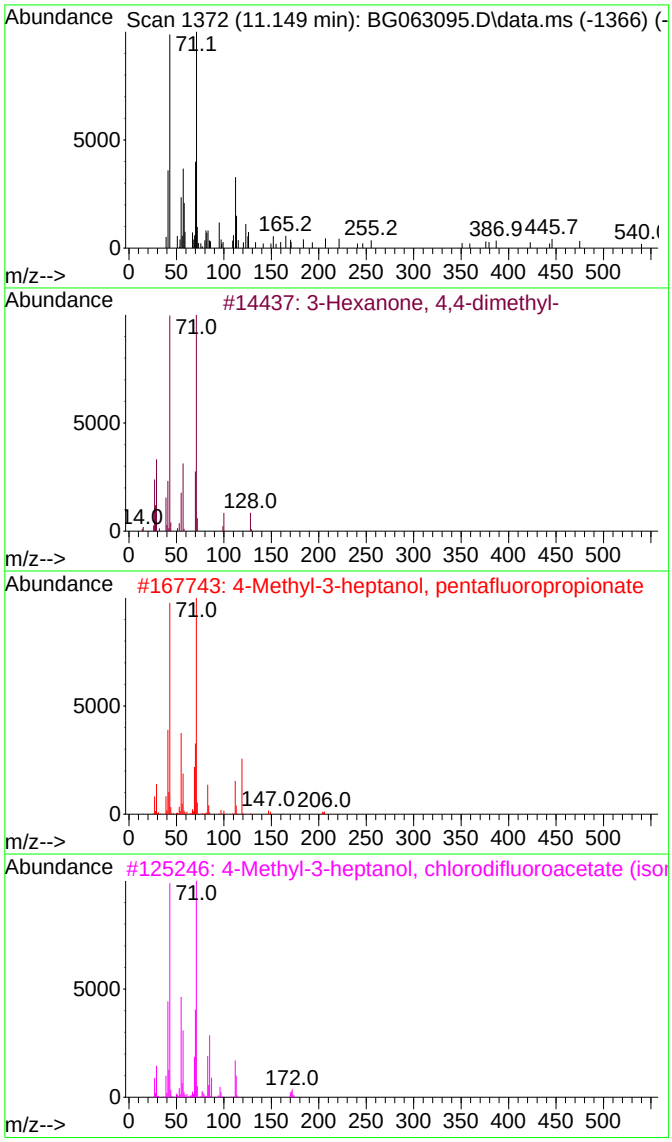
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION

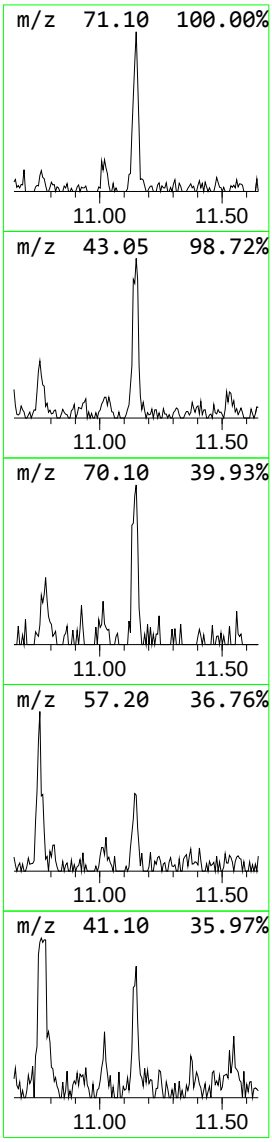
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Hexanone, 4,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	2.07 ng/ul	78835	Naphthalene-d8	10.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 4,4-dimethyl-	128	C8H16O	019550-14-2	53
2	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	50
3	4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-28-3	50
4	Oxalic acid, decyl neopentyl ester	300	C17H32O4	1000309-73-4	47
5	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION

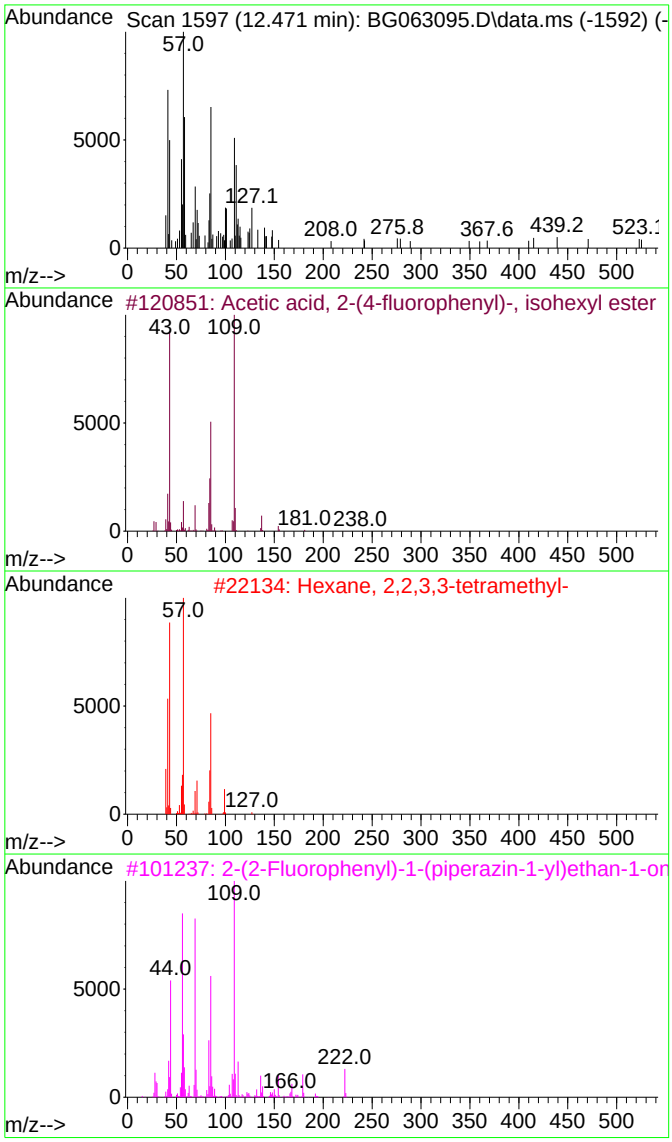
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

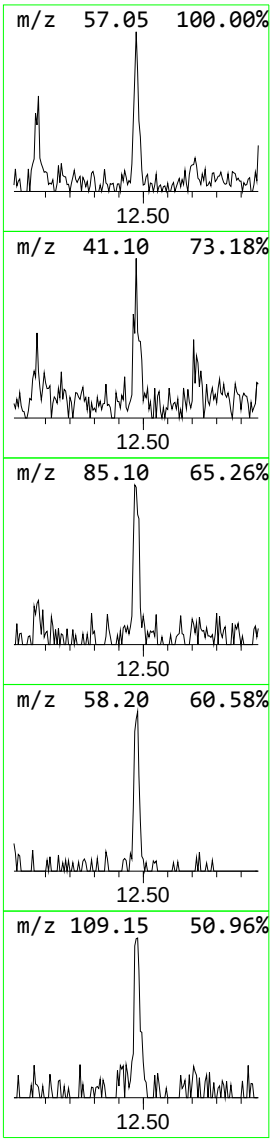
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	2.12 ng/ul	80668	Naphthalene-d8	10.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-(4-fluorophenyl)-...	238	C14H19FO2	1000439-02-3	35
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	14
3	2-(2-Fluorophenyl)-1-(piperazin-...	222	C12H15FN2O	194943-60-7	14
4	trans-Carveol	152	C10H16O	001197-07-5	14
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

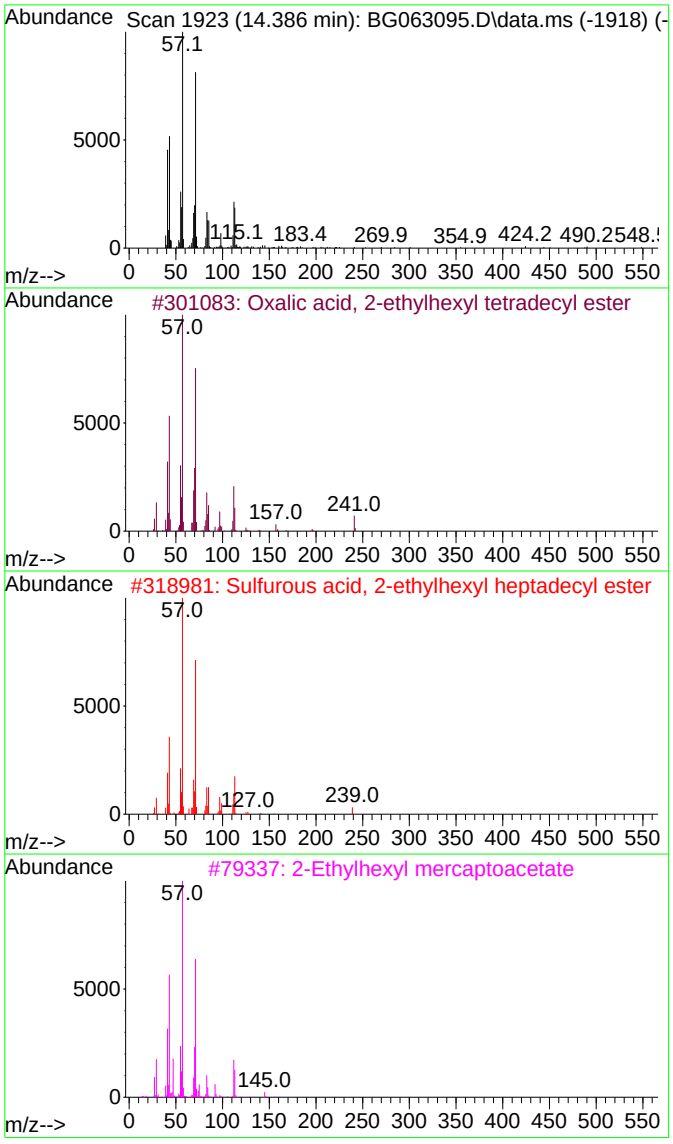
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION

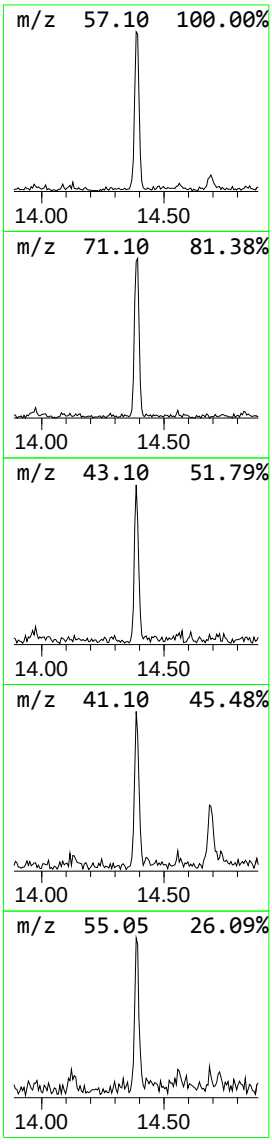
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Oxalic acid, 2-ethylhexyl t... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	5.28 ng/ul	326017	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	72
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
3	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	64
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
5	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION

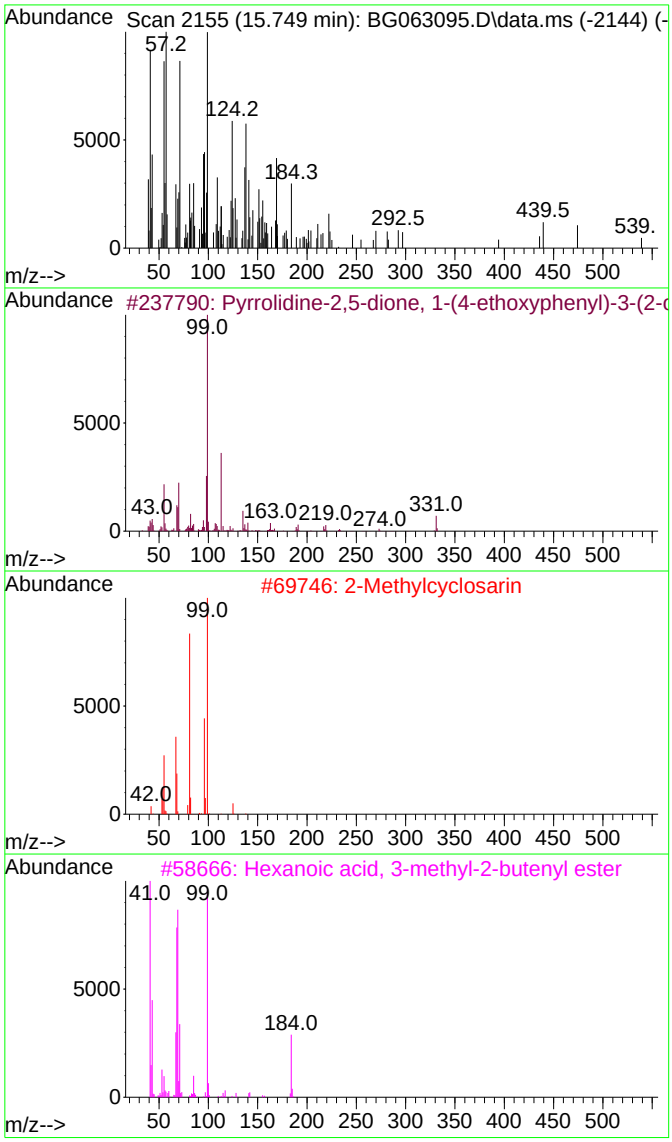
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

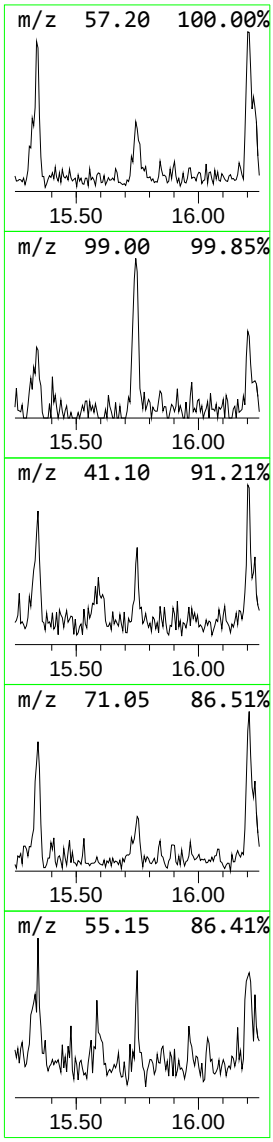
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.749	2.35 ng/ul	145384	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine-2,5-dione, 1-(4-etho...	331	C17H21N3O4	1000303-23-2	22
2	2-Methylcyclosarin	194	C8H16FO2P	085473-32-1	22
3	Hexanoic acid, 3-methyl-2-buteny...	184	C11H20O2	076649-22-4	14
4	2-Hydroxy-4,6-dimethylpyrimidine	124	C6H8N2O	1000476-61-0	11
5	Oxirane, 2-methyl-2-(1-methylpro...	114	C7H14O	042328-43-8	11





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Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION

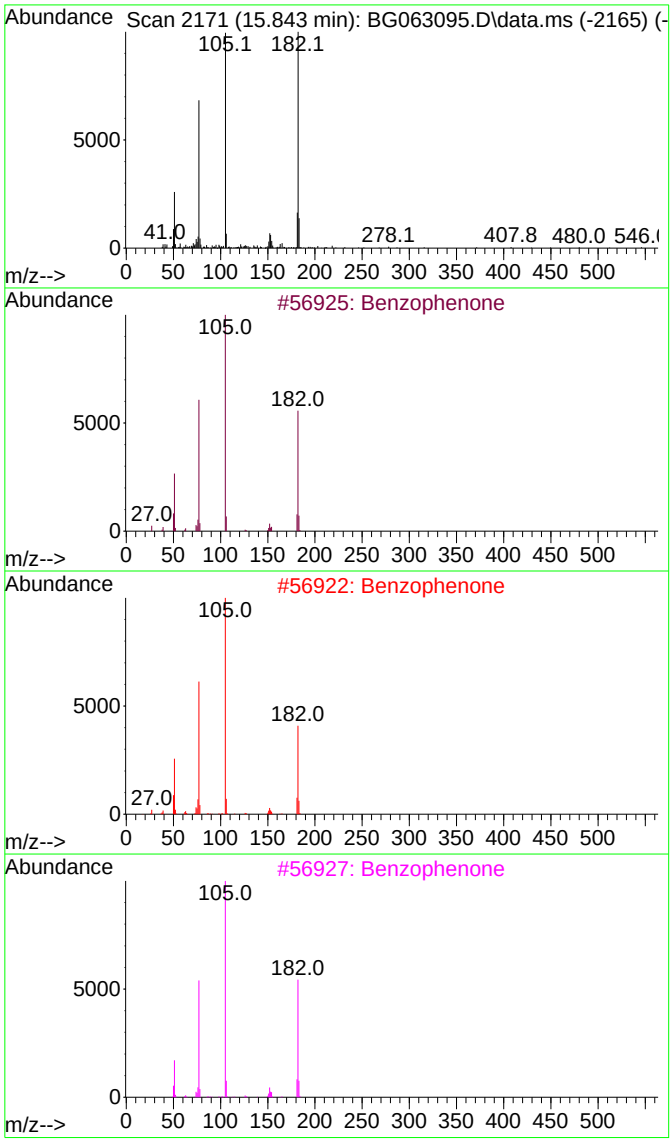
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

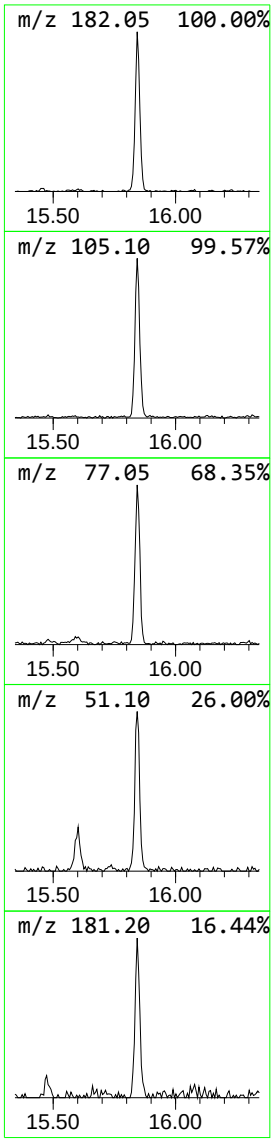
****

Peak Number 5 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.843	6.77 ng/ul	418465	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

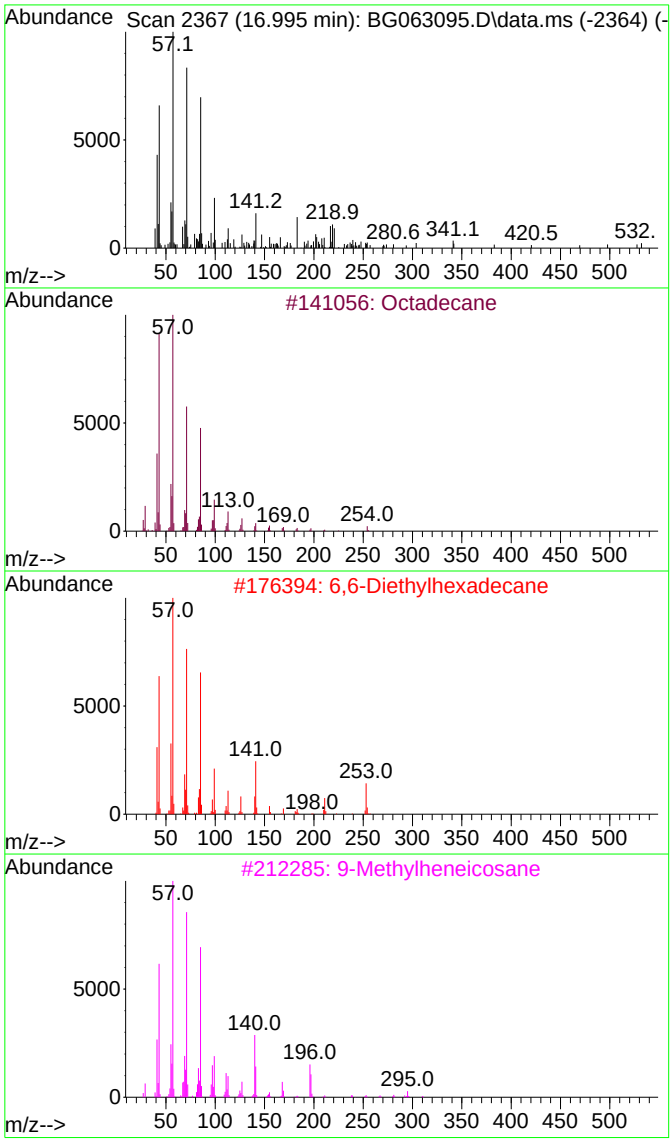
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION

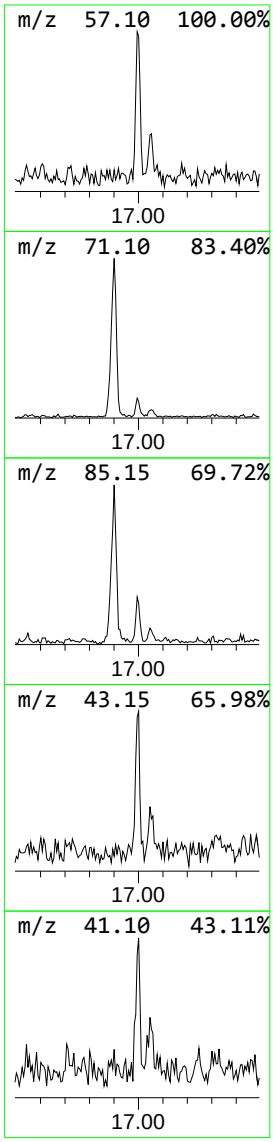
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.995	2.87 ng/ul	268186	Phenanthrene-d10	17.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	6,6-Diethylhexadecane	282	C20H42	1000360-41-4	72
3	9-Methylheneicosane	310	C22H46	070475-51-3	72
4	Octadecane	254	C18H38	000593-45-3	68
5	Heptadecane	240	C17H36	000629-78-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063095.D
Acq On : 28 Sep 2024 5:41
Operator : RC/JU
Sample : P3927-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.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
3-Hexanone, 4,4...	11.149	2.1	ng/ul	78835	2	10.637	762385	20.0
unknown-01	12.470	2.1	ng/ul	80668	2	10.637	762385	20.0
Oxalic acid, 2-...	14.386	5.3	ng/ul	326017	3	14.486	1235460	20.0
unknown-02	15.749	2.4	ng/ul	145384	3	14.486	1235460	20.0
Benzophenone	15.843	6.8	ng/ul	418465	3	14.486	1235460	20.0
(DEL) Alkane: S...	16.995	2.9	ng/ul	268186	4	17.235	1866840	20.0