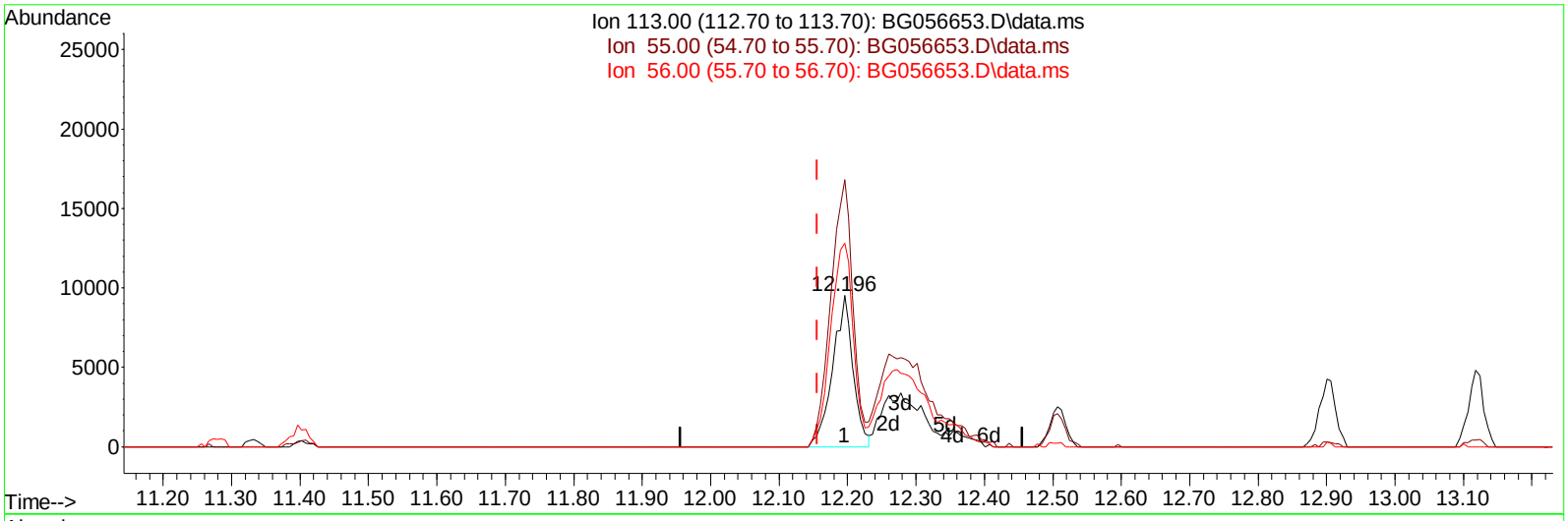
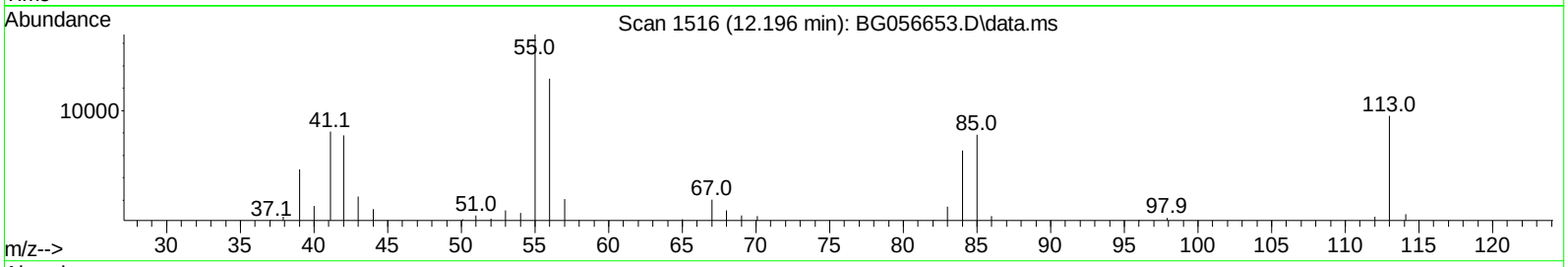
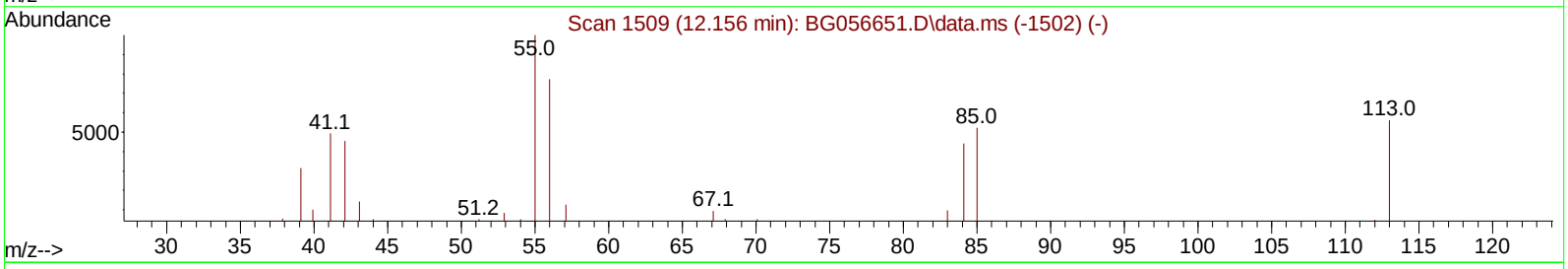
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056653.D
Acq On : 16 Feb 2023 13:35
Operator : CG/JU
Sample : SSTD08057
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 03:35:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056653.D\data.ms

(34) Caprolactam

12.196min (+ 0.040) 43.02 ng/ul

response 19592

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	176.54
56.00	137.10	134.82
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 6 Sample Multiplier: 1

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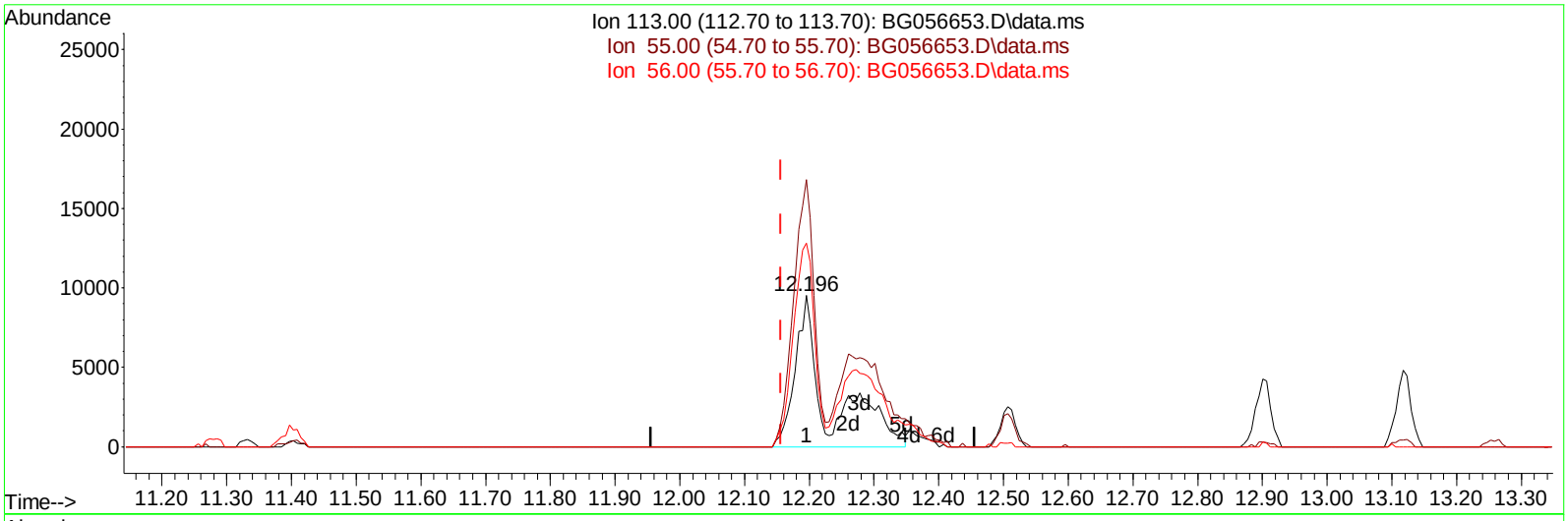
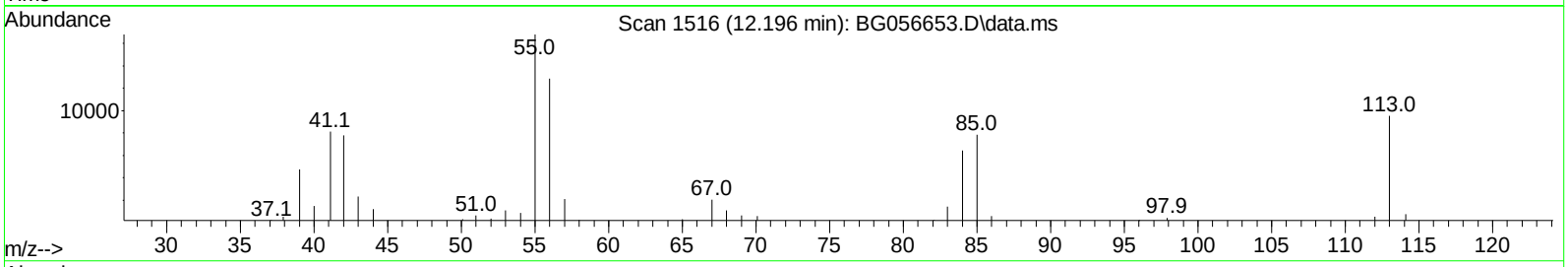
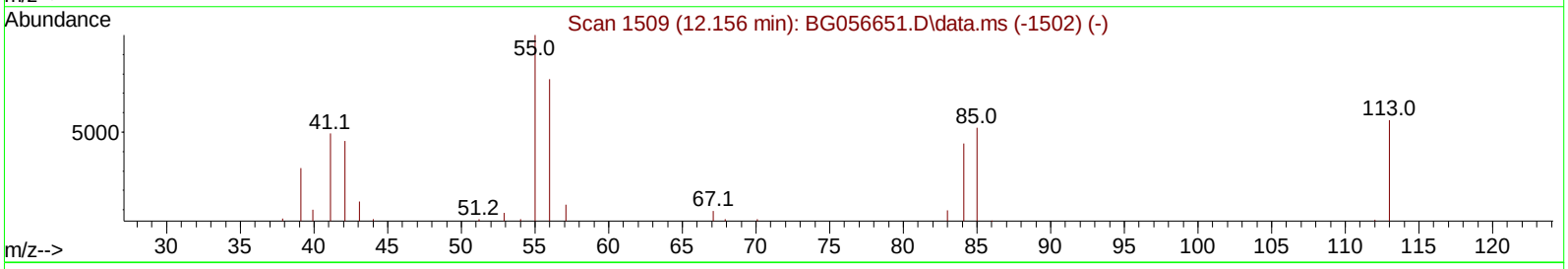
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056653.D\data.ms

(34) Caprolactam

12.196min (+ 0.040) 74.11 ng/ul m

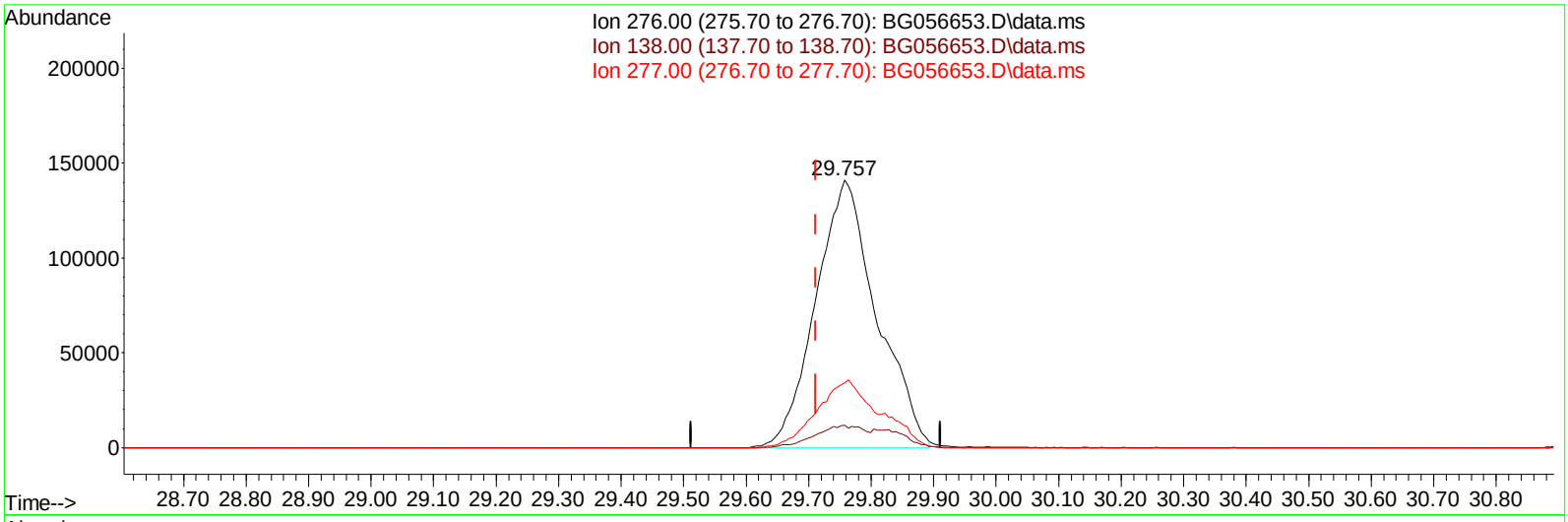
response 33746

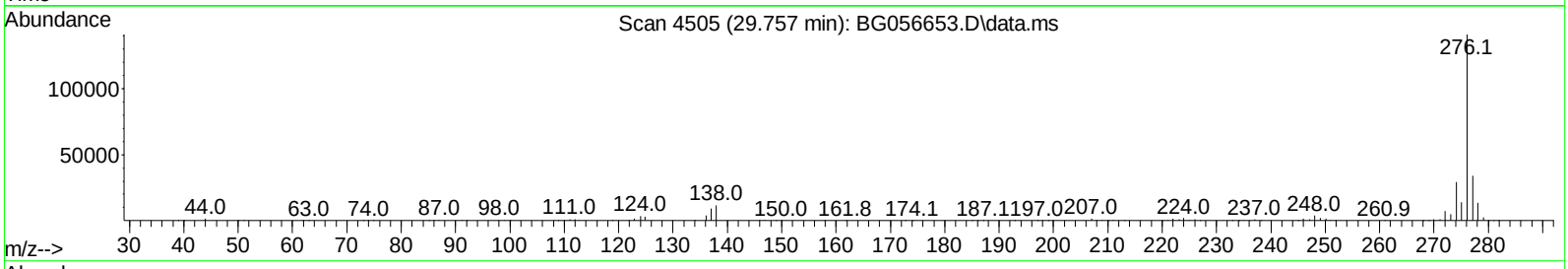
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.50	176.54
56.00	137.10	134.82
0.00	0.00	0.00

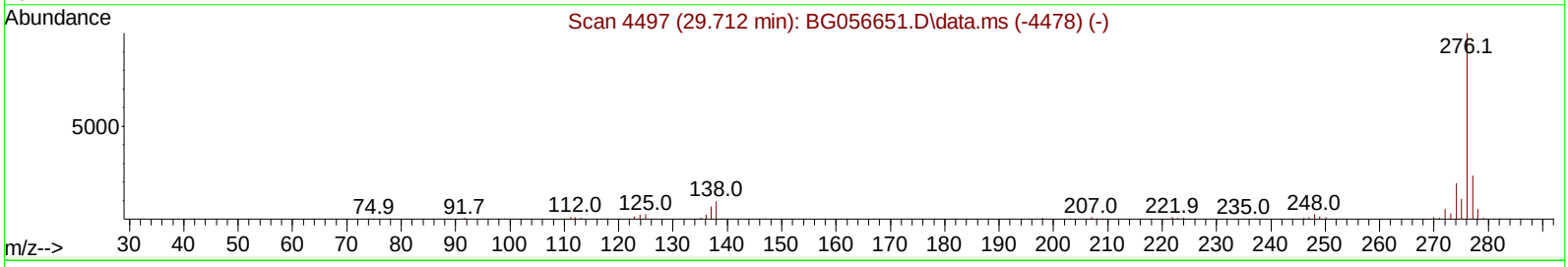
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056653.D
Acq On : 16 Feb 2023 13:35
Operator : CG/JU
Sample : SSTD08057
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 03:35:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration







TIC: BG056653.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.757min (+ 0.045) 81.32 ng/ul

response 956373

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	8.32
277.00	23.70	24.17
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
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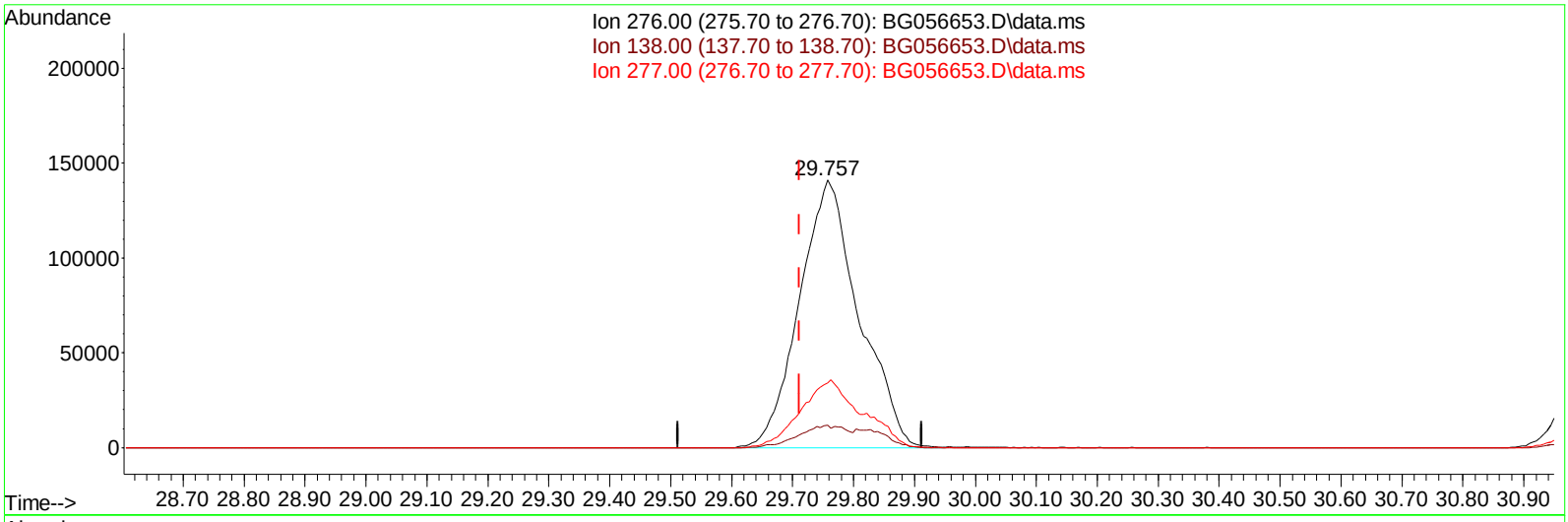

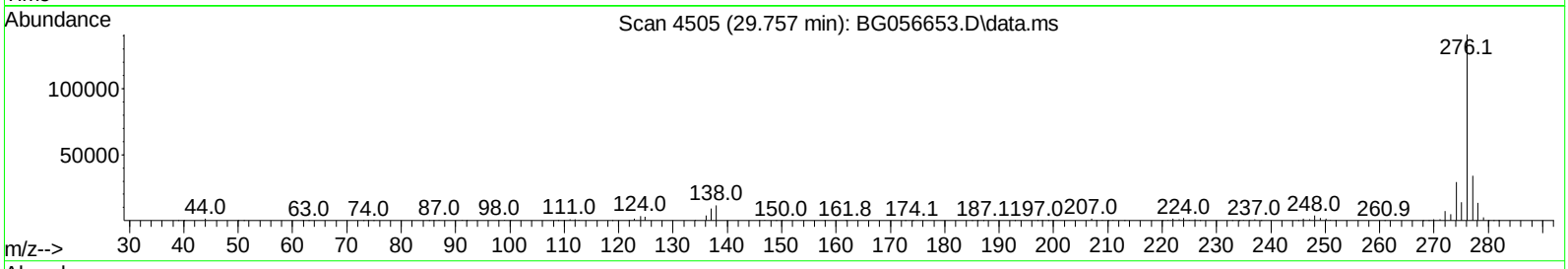

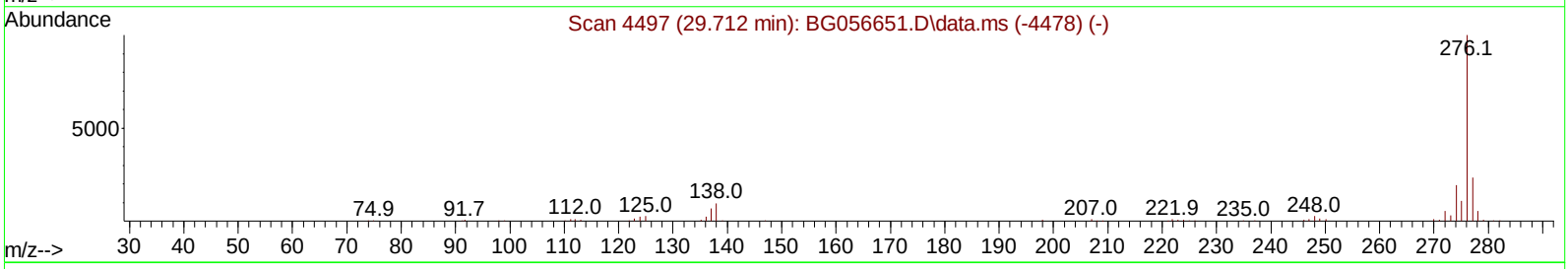

TIC: BG056653.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.757min (+ 0.045) 81.57 ng/ul m

response 959332

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	8.32
277.00	23.70	24.17
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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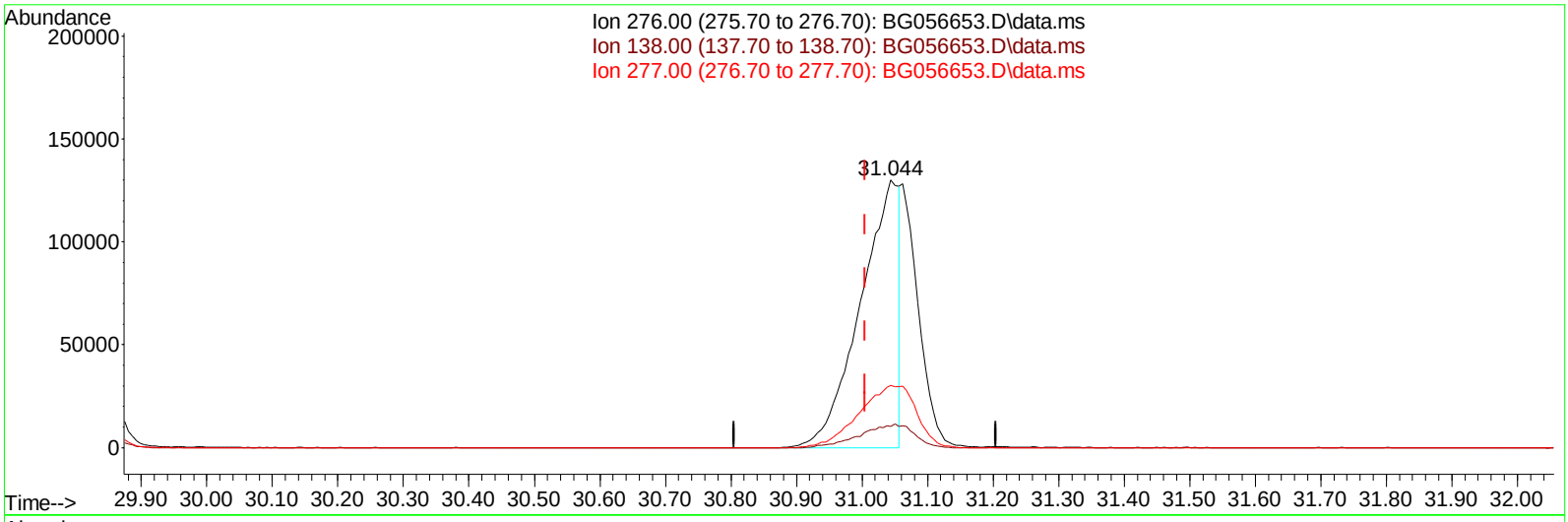

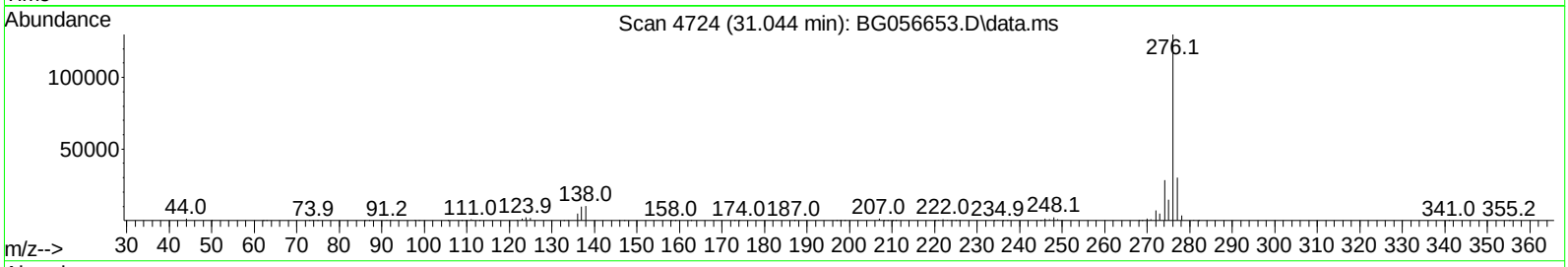

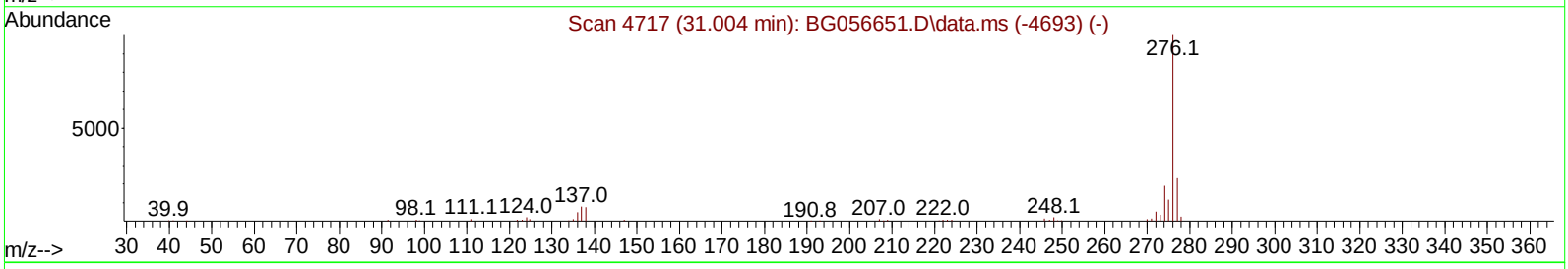

TIC: BG056653.D\data.ms

(96) Benzo(g,h,i)perylene

31.044min (+ 0.040) 55.57 ng/ul

response 528304

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	8.00
277.00	23.30	23.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SSTD08057
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 17 03:35:43 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
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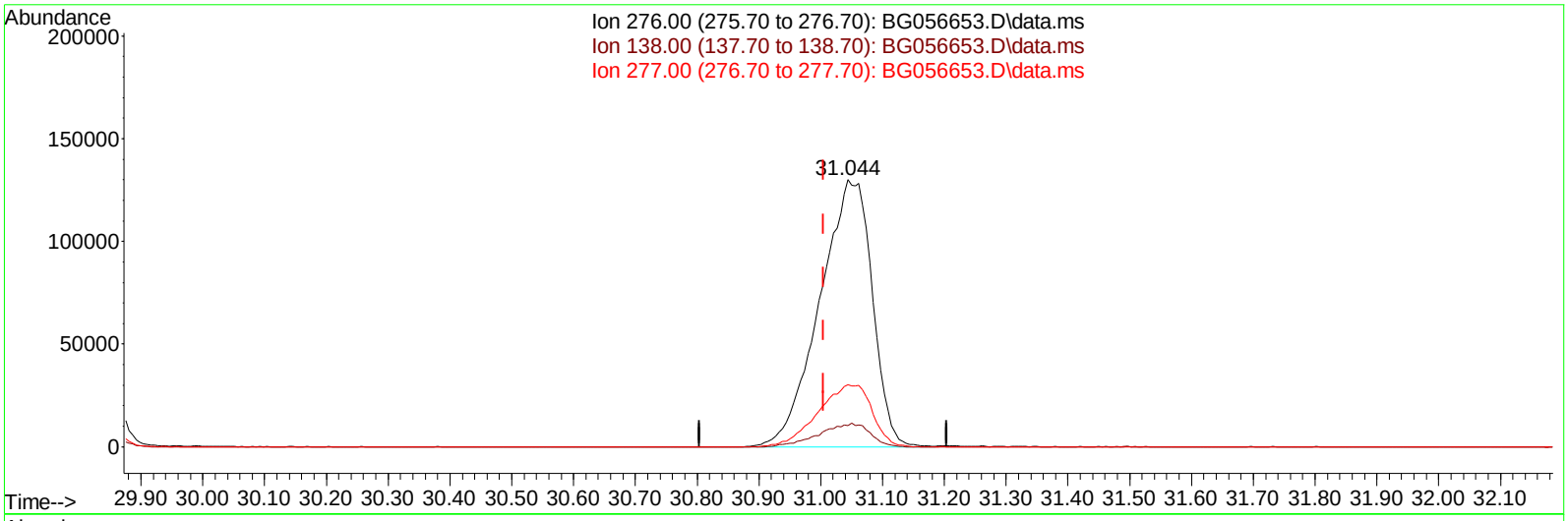

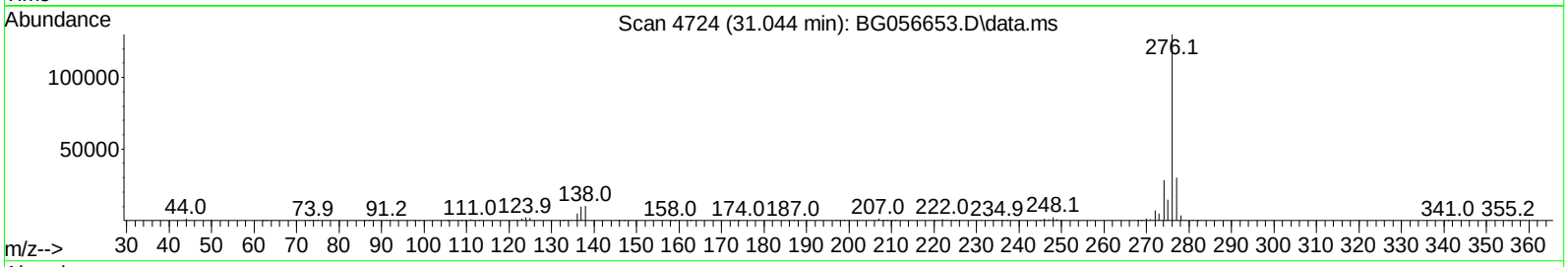

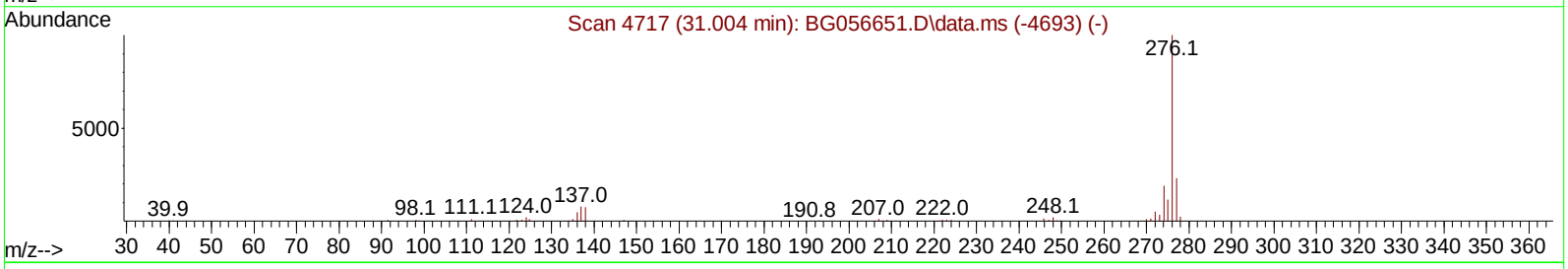

TIC: BG056653.D\data.ms

(96) Benzo(g,h,i)perylene

31.044min (+ 0.040) 80.62 ng/ul m

response 766557

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	8.00
277.00	23.30	23.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
Data File : BG056653.D
Acq On : 16 Feb 2023 13:35
Operator : CG/JU
Sample : SSTD08057
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 03:33:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	16950	20.000	ng/ul	0.00
20) Naphthalene-d8	11.279	136	74759	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.045	164	59458	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.777	188	150766	20.000	ng/ul	0.00
79) Chrysene-d12	22.096	240	140679	20.000	ng/ul	0.00
88) Perylene-d12	25.645	264	152950	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.717	96	11784	31.488	ng/uL	0.00
4) Pyridine-d5	4.152	84	108487	90.747	ng/ul	0.00
7) Phenol-d5	7.560	99	135437	90.571	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.748	67	77076	125.697	ng/ul	0.01
11) 2-Chlorophenol-d4	7.959	132	87618	87.568	ng/ul	0.00
15) 4-Methylphenol-d8	9.129	113	99981	83.910	ng/ul	0.01
21) Nitrobenzene-d5	9.616	128	42325	71.695	ng/ul	0.00
24) 2-Nitrophenol-d4	10.345	143	48669	63.040	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.885	165	111358	72.360	ng/ul	0.01
31) 4-Chloroaniline-d4	11.402	131	144157	83.239	ng/ul	0.01
46) Dimethylphthalate-d6	14.434	166	372263	78.906	ng/ul	0.00
49) Acenaphthylene-d8	14.746	160	417562	80.570	ng/ul	0.00
54) 4-Nitrophenol-d4	15.204	143	57689	77.460	ng/ul	0.02
60) Fluorene-d10	16.026	176	341190	77.426	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.132	200	59593	56.258	ng/ul	0.02
73) Anthracene-d10	17.883	188	539196	77.812	ng/ul	0.01
81) Pyrene-d10	20.139	212	644292	78.278	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.410	264	645170	82.256	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.758	88	13025	31.218	ng/uL	93
5) Pyridine	4.176	79	111427	95.212	ng/ul	98
6) Benzaldehyde	7.560	77	57118	108.875	ng/ul	98
8) Phenol	7.589	94	136559	92.475	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.836	93	94743	92.664	ng/ul	97
12) 2-Chlorophenol	7.995	128	87122	88.554	ng/ul	96
13) 2-Methylphenol	8.858	108	101575	89.530	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.958	45	121872	655.833	ng/ul#	96
16) Acetophenone	9.270	105	173858	94.836	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.258	70	95434	117.517	ng/ul	98
18) 4-Methylphenol	9.199	108	108583	88.120	ng/ul	95
19) Hexachloroethane	9.546	117	34173	89.242	ng/ul	94
22) Nitrobenzene	9.657	77	126486	94.354	ng/ul	98
23) Isophorone	10.192	82	272709	96.506	ng/ul	97
25) 2-Nitrophenol	10.374	139	51286	68.842	ng/ul#	89
26) 2,4-Dimethylphenol	10.415	107	127015	83.244	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.656	93	135662	85.706	ng/ul	96
29) 2,4-Dichlorophenol	10.909	162	108052	74.469	ng/ul	99
30) Naphthalene	11.332	128	314361	80.339	ng/ul	100
32) 4-Chloroaniline	11.426	127	140001	79.126	ng/ul	96
33) Hexachlorobutadiene	11.608	225	85783	68.921	ng/ul	96
34) Caprolactam	12.196	113	33746m	74.105	ng/ul	
35) 4-Chloro-3-methylphenol	12.507	107	118980	83.583	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.901	142	229381	76.746 ng/ul	99
37) 1-Methylnaphthalene	13.118	142	232539	75.654 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.259	216	169513	73.647 ng/ul	99
40) Hexachlorocyclopentadiene	13.241	237	106041	67.771 ng/ul	96
41) 2,4,6-Trichlorophenol	13.482	196	109607	75.003 ng/ul	95
42) 2,4,5-Trichlorophenol	13.559	196	119649	75.276 ng/ul	98
43) 1,1'-Biphenyl	13.888	154	333007	77.816 ng/ul	100
44) 2-Chloronaphthalene	13.935	162	278348	79.303 ng/ul	97
45) 2-Nitroaniline	14.123	65	79546	118.759 ng/ul	88
47) Dimethylphthalate	14.487	163	368186	78.962 ng/ul	97
48) 2,6-Dinitrotoluene	14.610	165	68364	69.827 ng/ul#	82
50) Acenaphthylene	14.775	152	418089	79.647 ng/ul	99
51) 3-Nitroaniline	14.939	138	58655	79.109 ng/ul	90
52) Acenaphthene	15.110	153	292467	80.516 ng/ul	97
53) 2,4-Dinitrophenol	15.133	184	45373	64.807 ng/ul#	49
55) 4-Nitrophenol	15.221	109	61158	87.789 ng/ul	85
56) Dibenzofuran	15.439	168	431961	76.925 ng/ul	100
57) 2,4-Dinitrotoluene	15.386	165	93022	66.679 ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.656	232	108965	70.807 ng/ul	98
59) Diethylphthalate	15.838	149	360919	83.250 ng/ul	98
61) Fluorene	16.085	166	346160	76.545 ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.068	204	213030	75.337 ng/ul	96
63) 4-Nitroaniline	16.097	138	58549	86.311 ng/ul#	67
66) 4,6-Dinitro-2-methylph...	16.150	198	59329	58.680 ng/ul#	91
67) N-Nitrosodiphenylamine	16.273	169	310778	77.245 ng/ul	94
68) 4-Bromophenyl-phenylether	16.961	248	142566	73.719 ng/ul	97
69) Hexachlorobenzene	17.084	284	155862	81.394 ng/ul	98
70) Atrazine	17.213	200	129710	70.730 ng/ul	99
71) Pentachlorophenol	17.419	266	92382	75.638 ng/ul	90
72) Phenanthrene	17.824	178	604912	78.695 ng/ul	98
74) Anthracene	17.918	178	600468	76.942 ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.858	216	175024	77.025 ng/uL	97
76) Pentachlorobenzene	15.357	250	181778	78.185 ng/uL	97
77) Carbazole	18.177	167	514817	80.362 ng/ul	100
78) Di-n-butylphthalate	18.706	149	569800	84.291 ng/ul	99
80) Fluoranthene	19.804	202	767134	78.810 ng/ul	100
82) Pyrene	20.169	202	744406	76.467 ng/ul	99
83) Butylbenzylphthalate	21.032	149	250800	87.839 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.972	252	234756	70.574 ng/ul	100
85) Benzo(a)anthracene	22.078	228	766911	79.059 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.949	149	367401	88.991 ng/ul	99
87) Chrysene	22.149	228	711659	78.893 ng/ul	99
89) Di-n-octyl phthalate	23.277	149	614560	87.517 ng/ul	100
90) Benzo(b)fluoranthene	24.511	252	818216	80.126 ng/ul	99
91) Benzo(k)fluoranthene	24.593	252	762331	76.295 ng/ul	99
93) Benzo(a)pyrene	25.492	252	683522	76.453 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.757	276	959332m	81.568 ng/ul	
95) Dibenzo(a,h)anthracene	29.840	278	780074	79.365 ng/ul	97
96) Benzo(g,h,i)perylene	31.044	276	766557m	80.624 ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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