Quantitation Report (QT Reviewed)

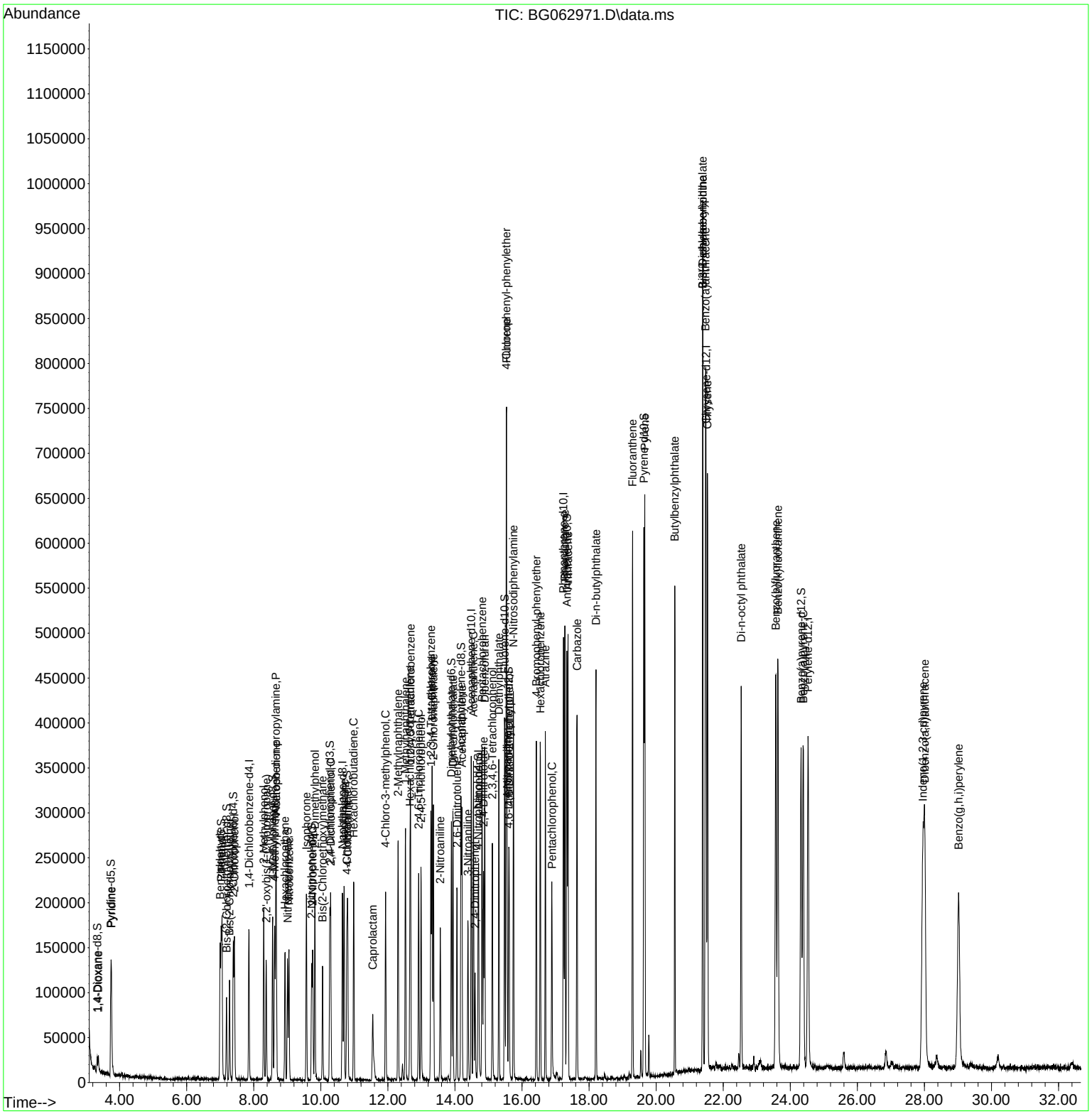
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062971.D
Acq On : 20 Sep 2024 9:58
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 20 23:06:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020501

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	39584	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	157866	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.486	164	118658	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	300031	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.490	240	323878	20.000	ng/ul	# 0.00
88) Perylene-d12	24.527	264	382827	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	7971	5.898	ng/uL	0.00
4) Pyridine-d5	3.740	84	52731	14.372	ng/ul	0.00
7) Phenol-d5	7.024	99	76499	18.624	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	40655	17.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.389	132	53106	19.693	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	56225	18.686	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	24095	19.158	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	28683	20.103	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	57447	19.406	ng/ul	0.00
31) 4-Chloroaniline-d4	10.779	131	67121	18.219	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	169583	19.219	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	186840	18.958	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	26175	18.511	ng/ul	0.00
60) Fluorene-d10	15.479	176	164771	20.055	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	33530	18.487	ng/ul	0.00
73) Anthracene-d10	17.336	188	273082	19.258	ng/ul	0.00
81) Pyrene-d10	19.633	212	353219	18.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	380318	18.837	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	9465	7.077	ng/uL#	82
5) Pyridine	3.758	79	55729	15.254	ng/ul#	89
6) Benzaldehyde	7.001	77	52750	23.465	ng/ul	93
8) Phenol	7.054	94	79442	18.540	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.277	93	53170	18.353	ng/ul	97
12) 2-Chlorophenol	7.424	128	55424	20.022	ng/ul	97
13) 2-Methylphenol	8.299	108	53335	17.996	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.376	45	55411	15.416	ng/ul#	95
16) Acetophenone	8.669	105	87747	18.539	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.658	70	47095	17.040	ng/ul	95
18) 4-Methylphenol	8.622	108	55221	17.024	ng/ul	95
19) Hexachloroethane	8.928	117	22056	18.756	ng/ul	93
22) Nitrobenzene	9.051	77	73522	19.691	ng/ul	95
23) Isophorone	9.568	82	135271	18.192	ng/ul#	94
25) 2-Nitrophenol	9.756	139	29794	19.016	ng/ul#	80
26) 2,4-Dimethylphenol	9.821	107	67775	19.307	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.050	93	70163	17.749	ng/ul	99
29) 2,4-Dichlorophenol	10.297	162	58053	19.810	ng/ul	92
30) Naphthalene	10.696	128	158994	18.139	ng/ul#	94
32) 4-Chloroaniline	10.802	127	66403	18.513	ng/ul	96
33) Hexachlorobutadiene	10.978	225	53415	22.805	ng/ul	95
34) Caprolactam	11.548	113	16749m	17.168	ng/ul	
35) 4-Chloro-3-methylphenol	11.930	107	64353	19.107	ng/ul#	91
36) 2-Methylnaphthalene	12.306	142	115593	18.300	ng/ul	92

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Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.524	142	115412	18.054	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.676	216	89150	21.200	ng/ul	97
40)	Hexachlorocyclopentadiene	12.659	237	49789	22.317	ng/ul	98
41)	2,4,6-Trichlorophenol	12.917	196	52082	19.875	ng/ul	95
42)	2,4,5-Trichlorophenol	12.988	196	57093	20.739	ng/ul	88
43)	1,1'-Biphenyl	13.317	154	168490	19.115	ng/ul#	96
44)	2-Chloronaphthalene	13.358	162	133345	18.824	ng/ul	95
45)	2-Nitroaniline	13.564	65	50002	20.878	ng/ul	92
47)	Dimethylphthalate	13.940	163	171611	19.009	ng/ul	97
48)	2,6-Dinitrotoluene	14.063	165	35404	20.552	ng/ul#	76
50)	Acenaphthylene	14.210	152	194116	18.709	ng/ul	98
51)	3-Nitroaniline	14.386	138	31183	20.185	ng/ul	98
52)	Acenaphthene	14.551	153	140713	18.672	ng/ul	93
53)	2,4-Dinitrophenol	14.598	184	23200	22.549	ng/ul#	86
55)	4-Nitrophenol	14.704	109	37261	23.335	ng/ul	86
56)	Dibenzofuran	14.886	168	217613	19.471	ng/ul	94
57)	2,4-Dinitrotoluene	14.850	165	54516	20.998	ng/ul#	78
58)	2,3,4,6-Tetrachlorophenol	15.115	232	53630	21.648	ng/ul	95
59)	Diethylphthalate	15.309	149	171196	17.043	ng/ul	98
61)	Fluorene	15.538	166	165807	19.389	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.532	204	97980	20.765	ng/ul	93
63)	4-Nitroaniline	15.555	138	32997	21.283	ng/ul#	76
66)	4,6-Dinitro-2-methylph...	15.614	198	39144	20.175	ng/ul#	87
67)	N-Nitrosodiphenylamine	15.743	169	158393	18.799	ng/ul	95
68)	4-Bromophenyl-phenylether	16.425	248	71258	21.363	ng/ul	98
69)	Hexachlorobenzene	16.548	284	84316	21.893	ng/ul	94
70)	Atrazine	16.695	200	71137	20.355	ng/ul	93
71)	Pentachlorophenol	16.895	266	44563m	20.292	ng/ul	
72)	Phenanthrene	17.277	178	304103	19.079	ng/ul	99
74)	Anthracene	17.371	178	310237	18.850	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.282	216	89190	19.494	ng/ul	90
76)	Pentachlorobenzene	14.809	250	97085	20.105	ng/ul	95
77)	Carbazole	17.641	167	244520	18.661	ng/ul	99
78)	Di-n-butylphthalate	18.205	149	298961	17.740	ng/ul#	97
80)	Fluoranthene	19.298	202	385901	18.027	ng/ul#	94
82)	Pyrene	19.662	202	409015	17.922	ng/ul#	90
83)	Butylbenzylphthalate	20.555	149	138516	17.463	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.390	252	154434	21.260	ng/ul#	99
85)	Benzo(a)anthracene	21.472	228	422892	18.431	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.390	149	192151	16.767	ng/ul#	98
87)	Chrysene	21.531	228	409057	19.055	ng/ul	97
89)	Di-n-octyl phthalate	22.536	149	327181	16.137	ng/ul	100
90)	Benzo(b)fluoranthene	23.570	252	445675	19.122	ng/ul#	96
91)	Benzo(k)fluoranthene	23.628	252	439703	18.936	ng/ul#	97
93)	Benzo(a)pyrene	24.386	252	406542	18.555	ng/ul#	94
94)	Indeno(1,2,3-cd)pyrene	27.953	276	523726	19.508	ng/ul#	95
95)	Dibenzo(a,h)anthracene	28.011	278	416565	19.410	ng/ul#	94
96)	Benzo(g,h,i)perylene	29.022	276	393751m	19.101	ng/ul	

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

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Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 20 22:59:48 2024
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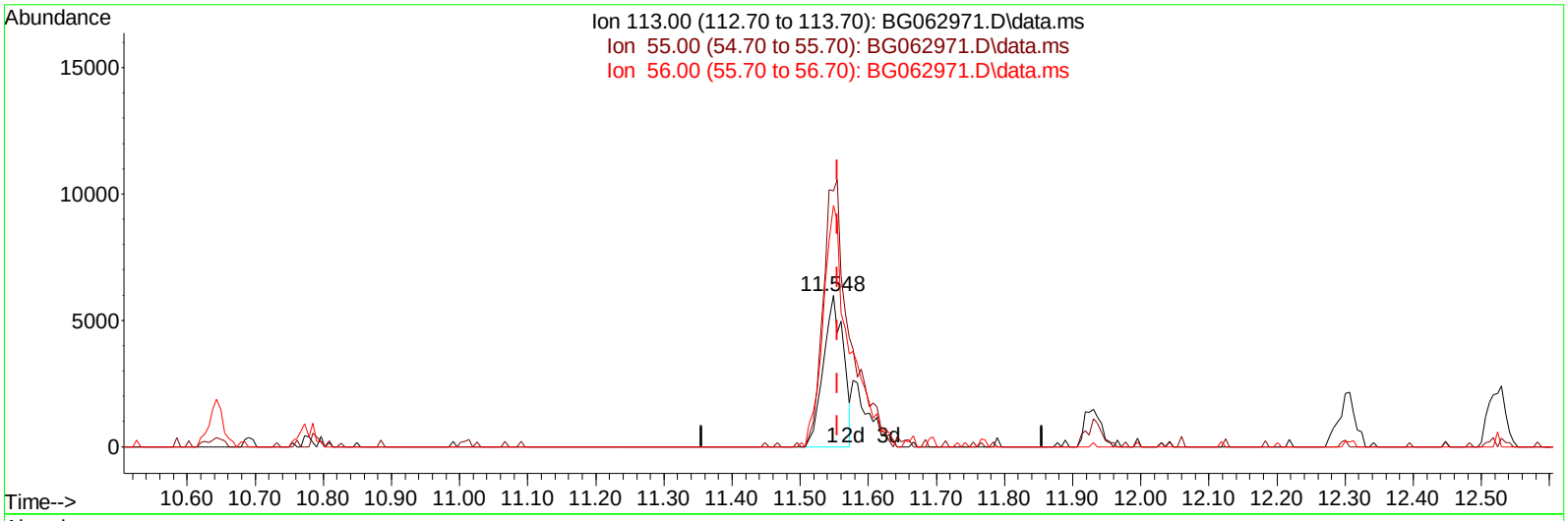

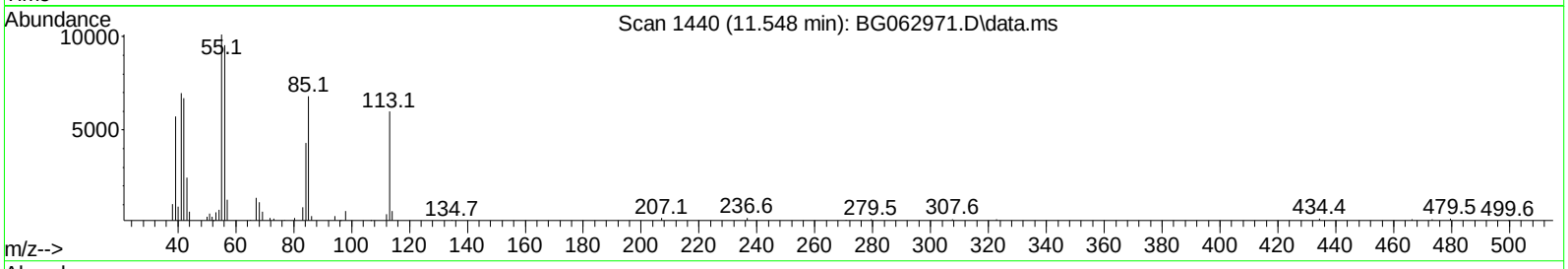

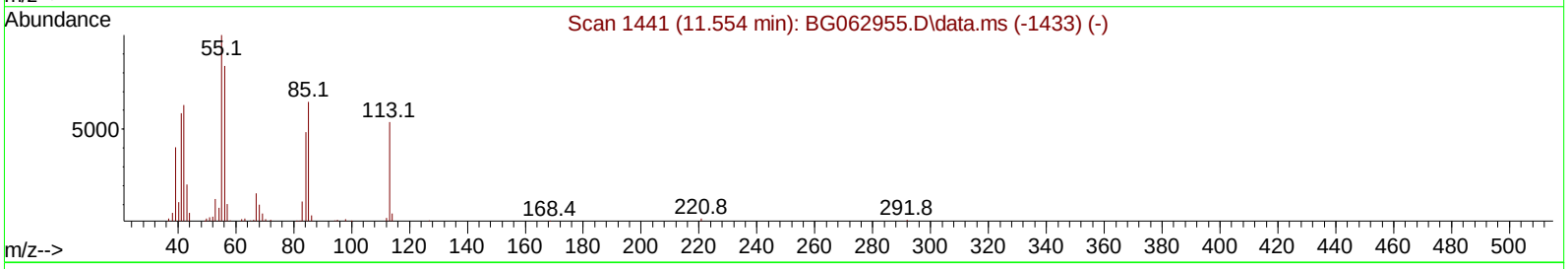

TIC: BG062971.D\data.ms

(34) Caprolactam

11.548min (-0.007) 12.43 ng/ul

response 12122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.80	169.12#
56.00	100.30	159.57#
0.00	0.00	0.00

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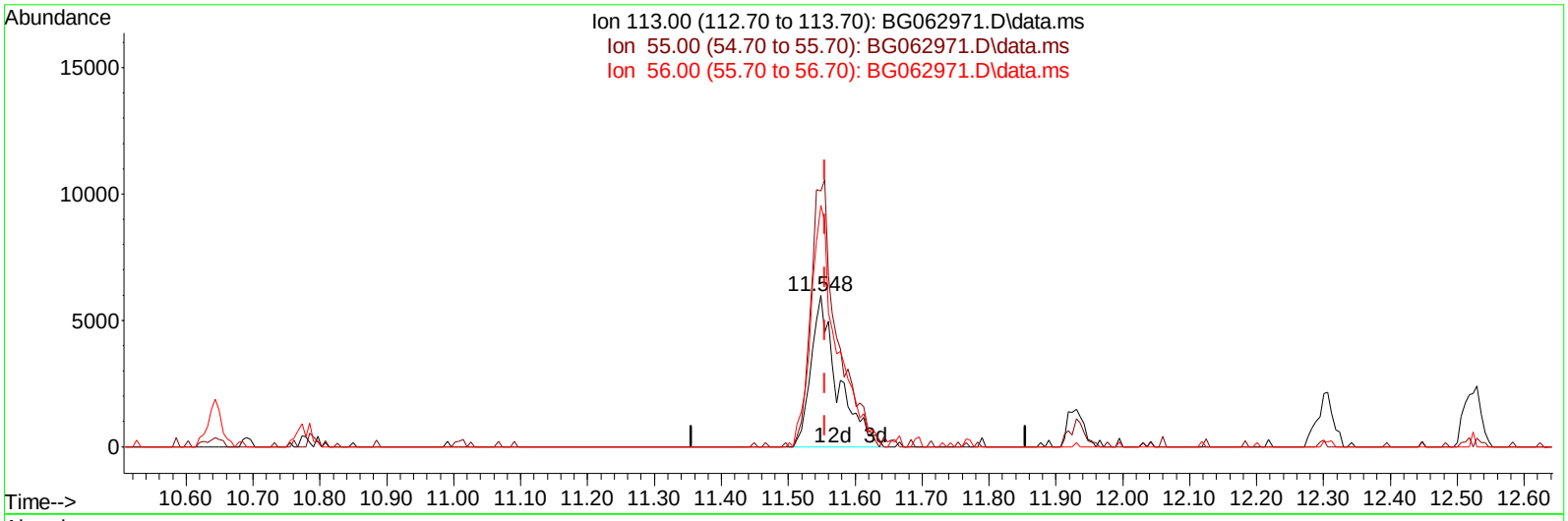

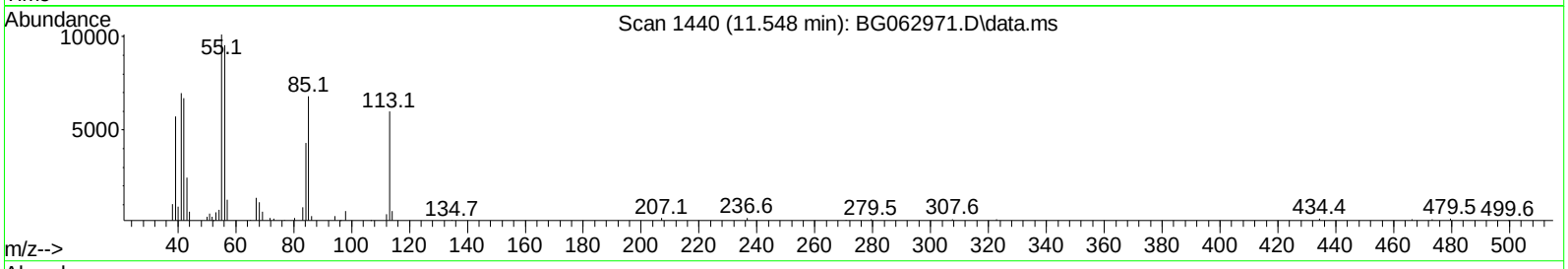

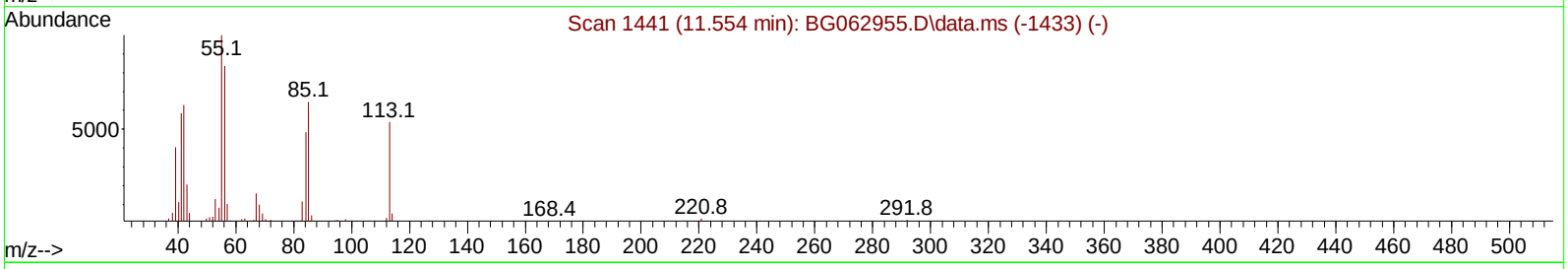

TIC: BG062971.D\data.ms

(34) Caprolactam

11.548min (-0.007) 17.17 ng/ul m

response 16749

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.80	169.12#
56.00	100.30	159.57#
0.00	0.00	0.00

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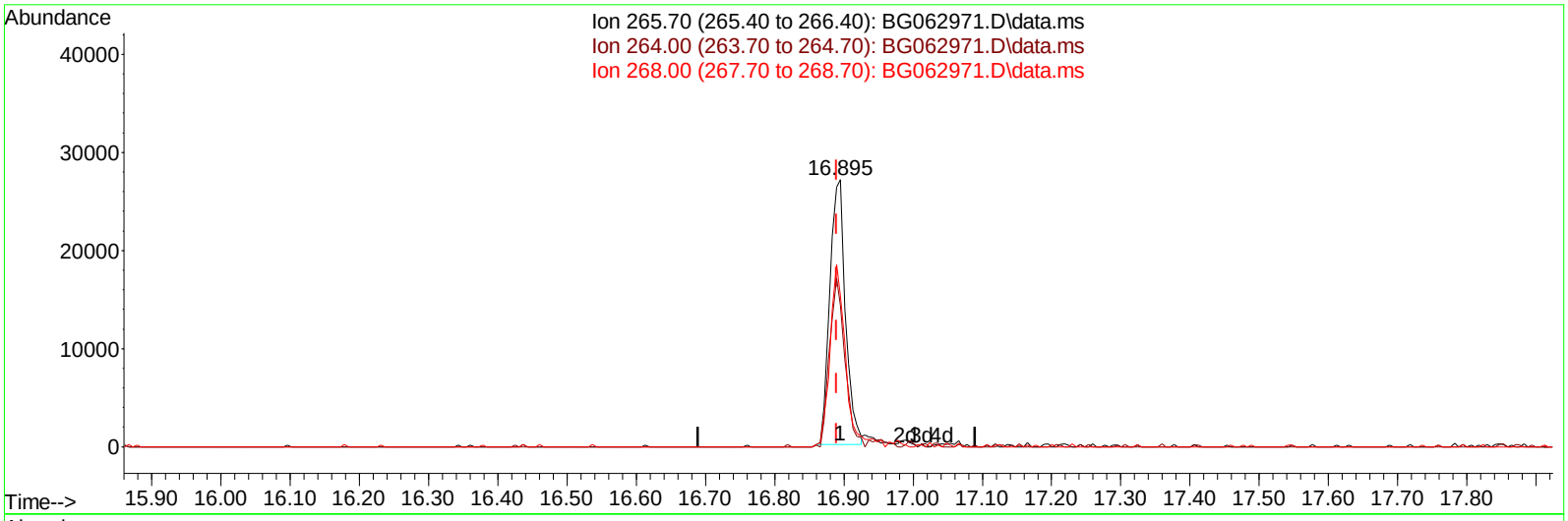

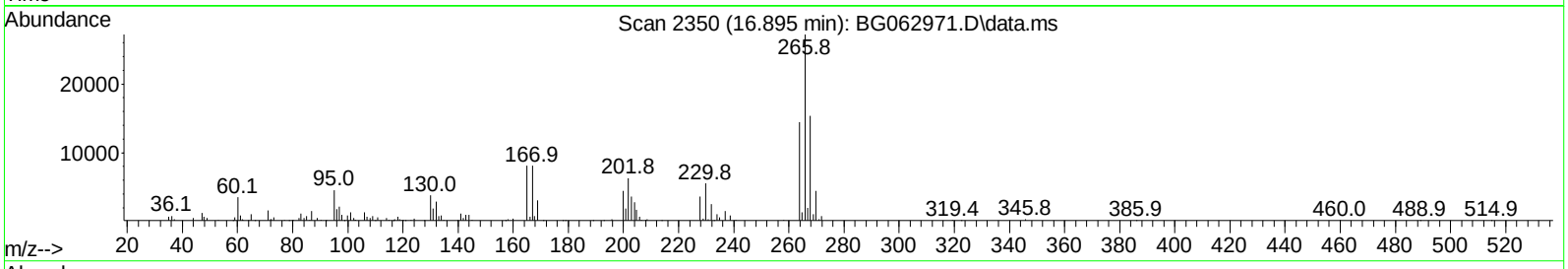

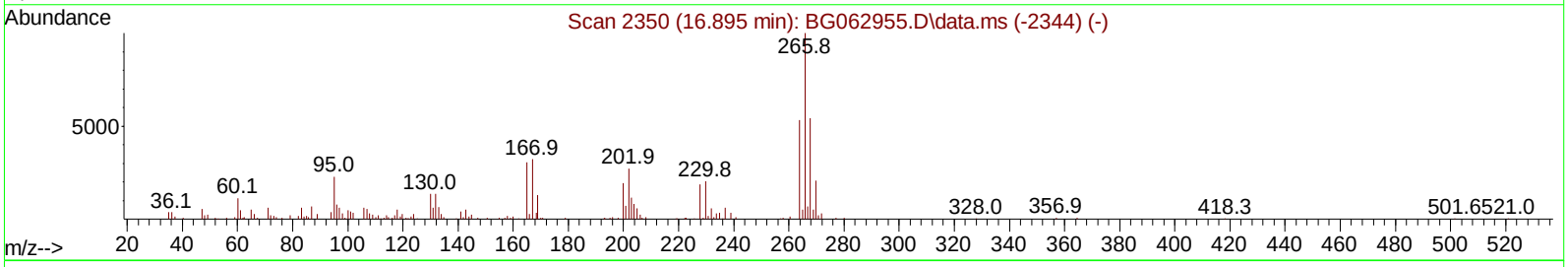

TIC: BG062971.D\data.ms

(71) Pentachlorophenol (C)

16.895min (+ 0.005) 19.19 ng/ul

response 42151

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	53.05
268.00	59.00	56.42
0.00	0.00	0.00

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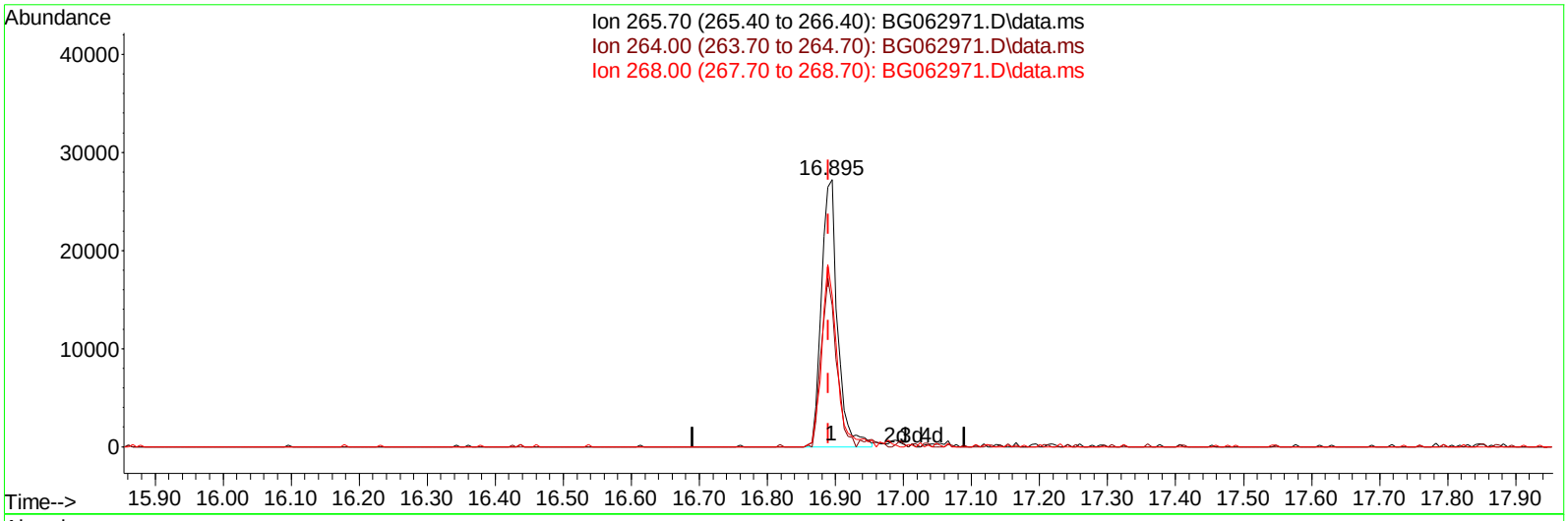

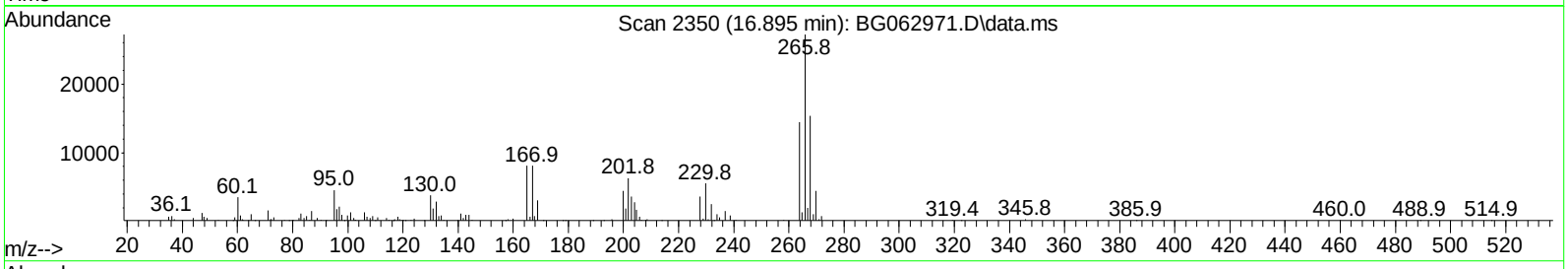

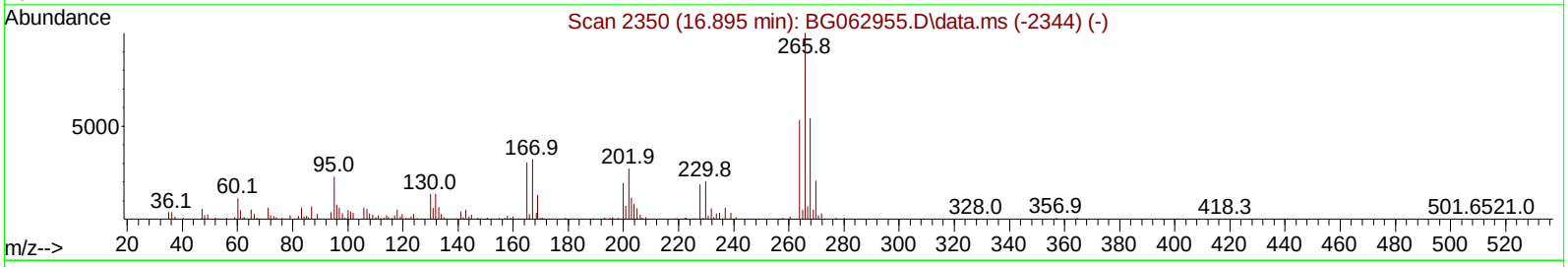

TIC: BG062971.D\data.ms

(71) Pentachlorophenol (C)

16.895min (+ 0.005) 20.29 ng/ul m

response 44563

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	53.05
268.00	59.00	56.42
0.00	0.00	0.00

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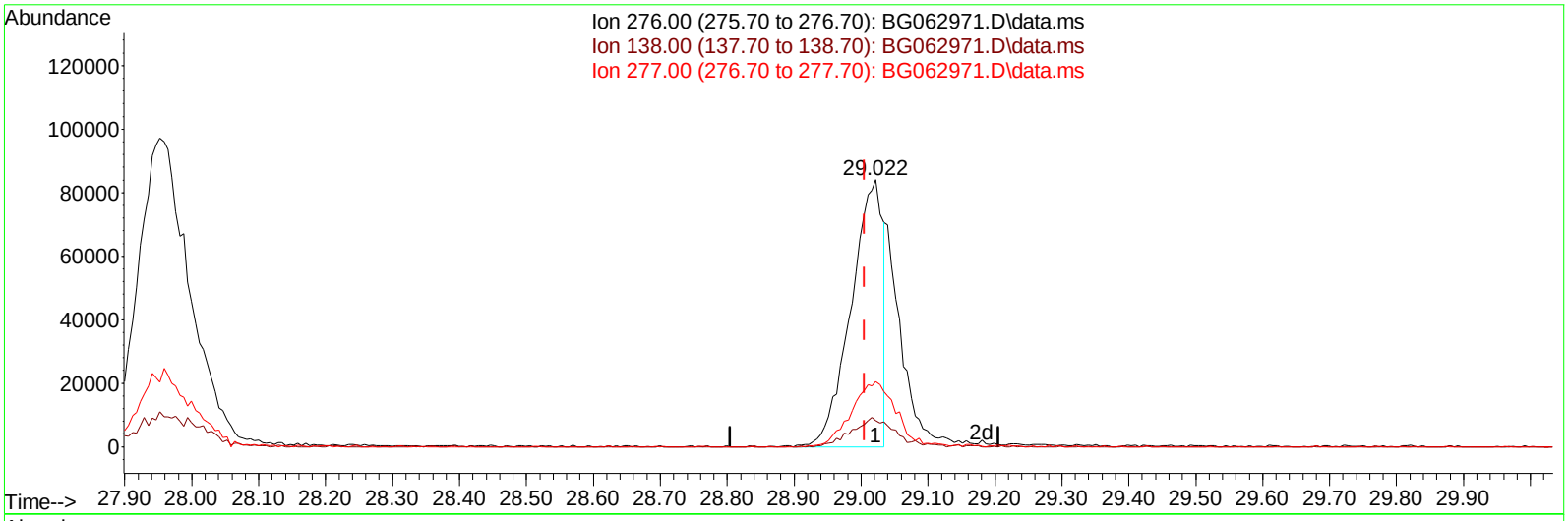

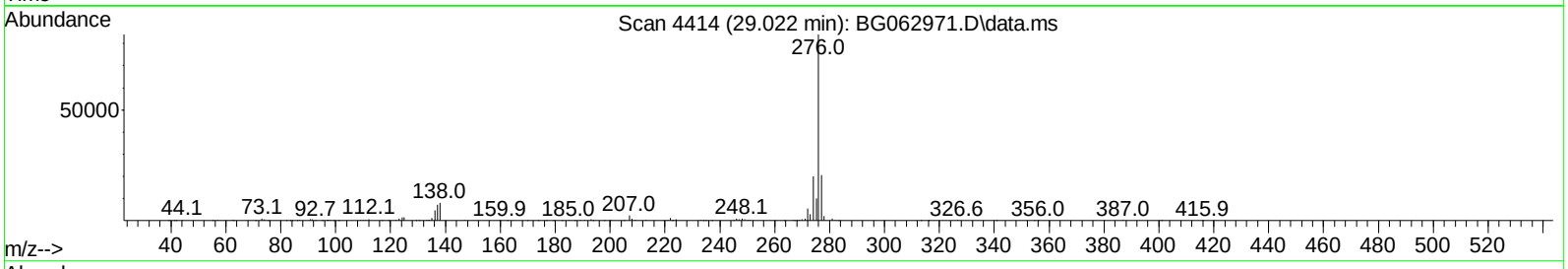

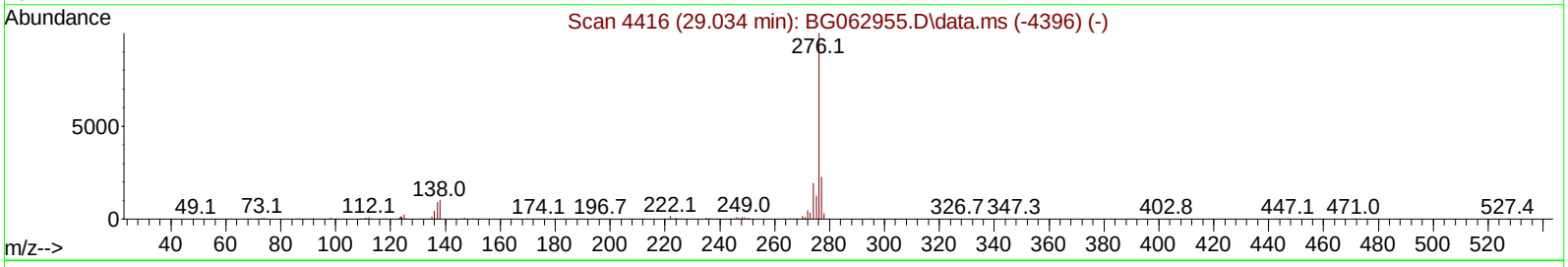

TIC: BG062971.D\data.ms

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

29.022min (+ 0.017) 13.40 ng/ul

response 276185

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	9.74#
277.00	23.00	24.41
0.00	0.00	0.00

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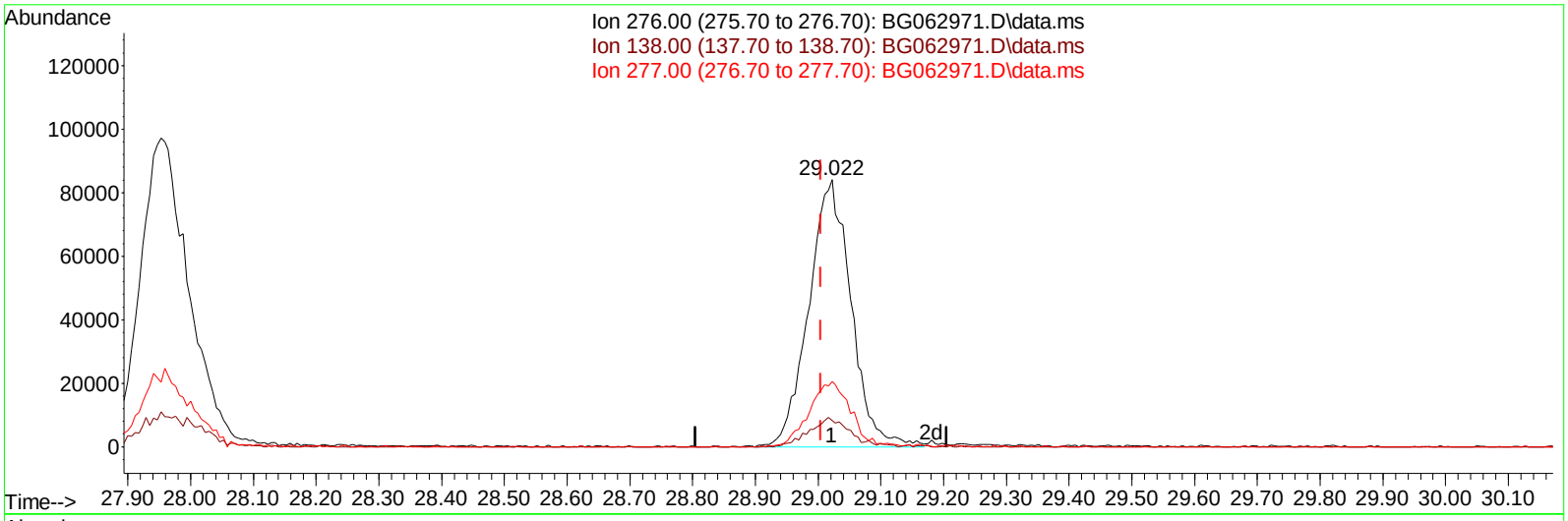
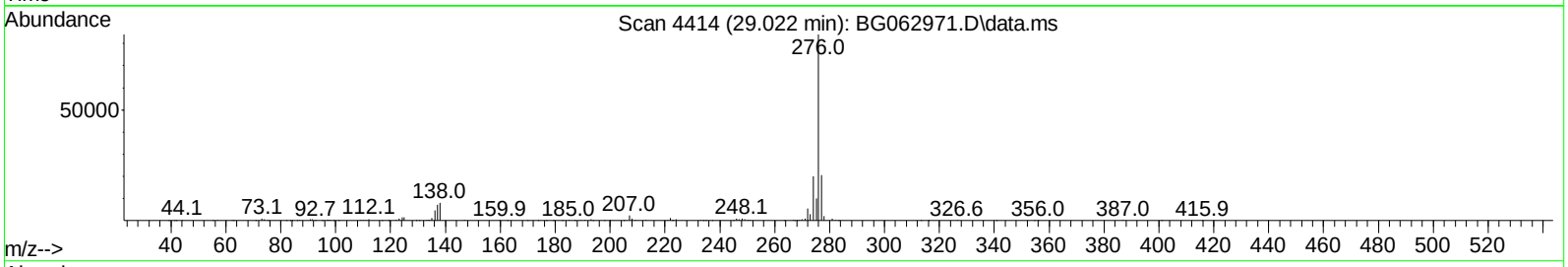
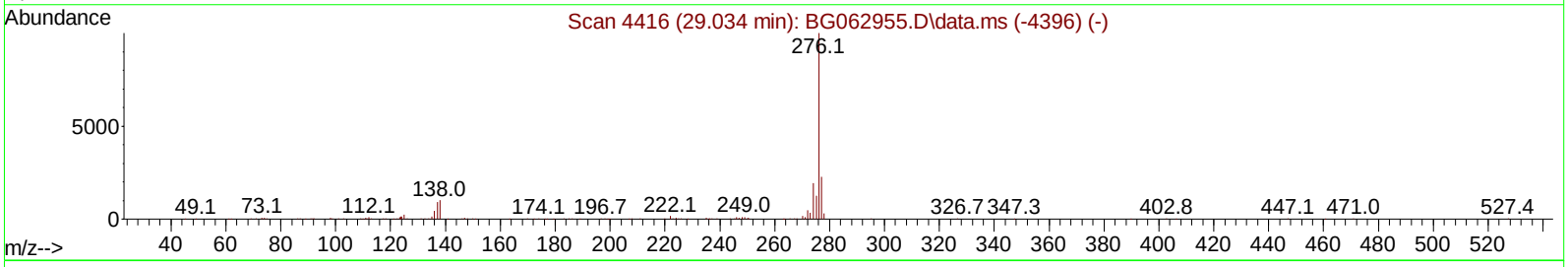
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024







TIC: BG062971.D\data.ms

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

29.022min (+ 0.017) 19.10 ng/ul m

response 393751

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.50	9.74#
277.00	23.00	24.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062971.D
Acq On : 20 Sep 2024 9:58
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 20 23:06:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020501

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	39584	20.000	ng/ul		0.00
20) Naphthalene-d8	10.644	136	157866	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.486	164	118658	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.236	188	300031	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.490	240	323878	20.000	ng/ul	#	0.00
88) Perylene-d12	24.527	264	382827	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.334	96	7971	5.898	ng/uL		0.00
4) Pyridine-d5	3.740	84	52731	14.372	ng/ul		0.00
7) Phenol-d5	7.024	99	76499	18.624	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	40655	17.687	ng/ul		0.00
11) 2-Chlorophenol-d4	7.389	132	53106	19.693	ng/ul		0.00
15) 4-Methylphenol-d8	8.558	113	56225	18.686	ng/ul		0.00
21) Nitrobenzene-d5	9.010	128	24095	19.158	ng/ul		0.00
24) 2-Nitrophenol-d4	9.727	143	28683	20.103	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.268	165	57447	19.406	ng/ul		0.00
31) 4-Chloroaniline-d4	10.779	131	67121	18.219	ng/ul		0.00
46) Dimethylphthalate-d6	13.893	166	169583	19.219	ng/ul		0.00
49) Acenaphthylene-d8	14.181	160	186840	18.958	ng/ul		0.00
54) 4-Nitrophenol-d4	14.692	143	26175	18.511	ng/ul		0.00
60) Fluorene-d10	15.479	176	164771	20.055	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	33530	18.487	ng/ul		0.00
73) Anthracene-d10	17.336	188	273082	19.258	ng/ul		0.00
81) Pyrene-d10	19.633	212	353219	18.006	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.322	264	380318	18.837	ng/ul		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	9465	7.077	ng/uL	#	82
5) Pyridine	3.758	79	55729	15.254	ng/ul	#	89
6) Benzaldehyde	7.001	77	52750	23.465	ng/ul		93
8) Phenol	7.054	94	79442	18.540	ng/ul		91
10) Bis(2-Chloroethyl)ether	7.277	93	53170	18.353	ng/ul		97
12) 2-Chlorophenol	7.424	128	55424	20.022	ng/ul		97
13) 2-Methylphenol	8.299	108	53335	17.996	ng/ul		85
14) 2,2'-oxybis(1-Chloropr...	8.376	45	55411	15.416	ng/ul	#	95
16) Acetophenone	8.669	105	87747	18.539	ng/ul	#	89
17) N-Nitroso-di-n-propyla...	8.658	70	47095	17.040	ng/ul		95
18) 4-Methylphenol	8.622	108	55221	17.024	ng/ul		95
19) Hexachloroethane	8.928	117	22056	18.756	ng/ul		93
22) Nitrobenzene	9.051	77	73522	19.691	ng/ul		95
23) Isophorone	9.568	82	135271	18.192	ng/ul	#	94
25) 2-Nitrophenol	9.756	139	29794	19.016	ng/ul	#	80
26) 2,4-Dimethylphenol	9.821	107	67775	19.307	ng/ul		91
27) Bis(2-Chloroethoxy)met...	10.050	93	70163	17.749	ng/ul		99
29) 2,4-Dichlorophenol	10.297	162	58053	19.810	ng/ul		92
30) Naphthalene	10.696	128	158994	18.139	ng/ul	#	94
32) 4-Chloroaniline	10.802	127	66403	18.513	ng/ul		96
33) Hexachlorobutadiene	10.978	225	53415	22.805	ng/ul		95
34) Caprolactam	11.548	113	16749m	17.168	ng/ul		
35) 4-Chloro-3-methylphenol	11.930	107	64353	19.107	ng/ul	#	91

Quantitation Report (QT Reviewed)

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Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 20 23:06:03 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020501

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.306	142	115593	18.300	ng/ul	92
37) 1-Methylnaphthalene	12.524	142	115412	18.054	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.676	216	89150	21.200	ng/ul	97
40) Hexachlorocyclopentadiene	12.659	237	49789	22.317	ng/ul	98
41) 2,4,6-Trichlorophenol	12.917	196	52082	19.875	ng/ul	95
42) 2,4,5-Trichlorophenol	12.988	196	57093	20.739	ng/ul	88
43) 1,1'-Biphenyl	13.317	154	168490	19.115	ng/ul#	96
44) 2-Chloronaphthalene	13.358	162	133345	18.824	ng/ul	95
45) 2-Nitroaniline	13.564	65	50002	20.878	ng/ul	92
47) Dimethylphthalate	13.940	163	171611	19.009	ng/ul	97
48) 2,6-Dinitrotoluene	14.063	165	35404	20.552	ng/ul#	76
50) Acenaphthylene	14.210	152	194116	18.709	ng/ul	98
51) 3-Nitroaniline	14.386	138	31183	20.185	ng/ul	98
52) Acenaphthene	14.551	153	140713	18.672	ng/ul	93
53) 2,4-Dinitrophenol	14.598	184	23200	22.549	ng/ul#	86
55) 4-Nitrophenol	14.704	109	37261	23.335	ng/ul	86
56) Dibenzofuran	14.886	168	217613	19.471	ng/ul	94
57) 2,4-Dinitrotoluene	14.850	165	54516	20.998	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.115	232	53630	21.648	ng/ul	95
59) Diethylphthalate	15.309	149	171196	17.043	ng/ul	98
61) Fluorene	15.538	166	165807	19.389	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.532	204	97980	20.765	ng/ul	93
63) 4-Nitroaniline	15.555	138	32997	21.283	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.614	198	39144	20.175	ng/ul#	87
67) N-Nitrosodiphenylamine	15.743	169	158393	18.799	ng/ul	95
68) 4-Bromophenyl-phenylether	16.425	248	71258	21.363	ng/ul	98
69) Hexachlorobenzene	16.548	284	84316	21.893	ng/ul	94
70) Atrazine	16.695	200	71137	20.355	ng/ul	93
71) Pentachlorophenol	16.895	266	44563m	20.292	ng/ul	
72) Phenanthrene	17.277	178	304103	19.079	ng/ul	99
74) Anthracene	17.371	178	310237	18.850	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.282	216	89190	19.494	ng/ul	90
76) Pentachlorobenzene	14.809	250	97085	20.105	ng/ul	95
77) Carbazole	17.641	167	244520	18.661	ng/ul	99
78) Di-n-butylphthalate	18.205	149	298961	17.740	ng/ul#	97
80) Fluoranthene	19.298	202	385901	18.027	ng/ul#	94
82) Pyrene	19.662	202	409015	17.922	ng/ul#	90
83) Butylbenzylphthalate	20.555	149	138516	17.463	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.390	252	154434	21.260	ng/ul#	99
85) Benzo(a)anthracene	21.472	228	422892	18.431	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.390	149	192151	16.767	ng/ul#	98
87) Chrysene	21.531	228	409057	19.055	ng/ul	97
89) Di-n-octyl phthalate	22.536	149	327181	16.137	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	445675	19.122	ng/ul#	96
91) Benzo(k)fluoranthene	23.628	252	439703	18.936	ng/ul#	97
93) Benzo(a)pyrene	24.386	252	406542	18.555	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.953	276	523726	19.508	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.011	278	416565	19.410	ng/ul#	94
96) Benzo(g,h,i)perylene	29.022	276	393751m	19.101	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SSTD020501

Manual Integrations
APPROVED

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Instrument :
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