Quantitation Report (QT Reviewed)

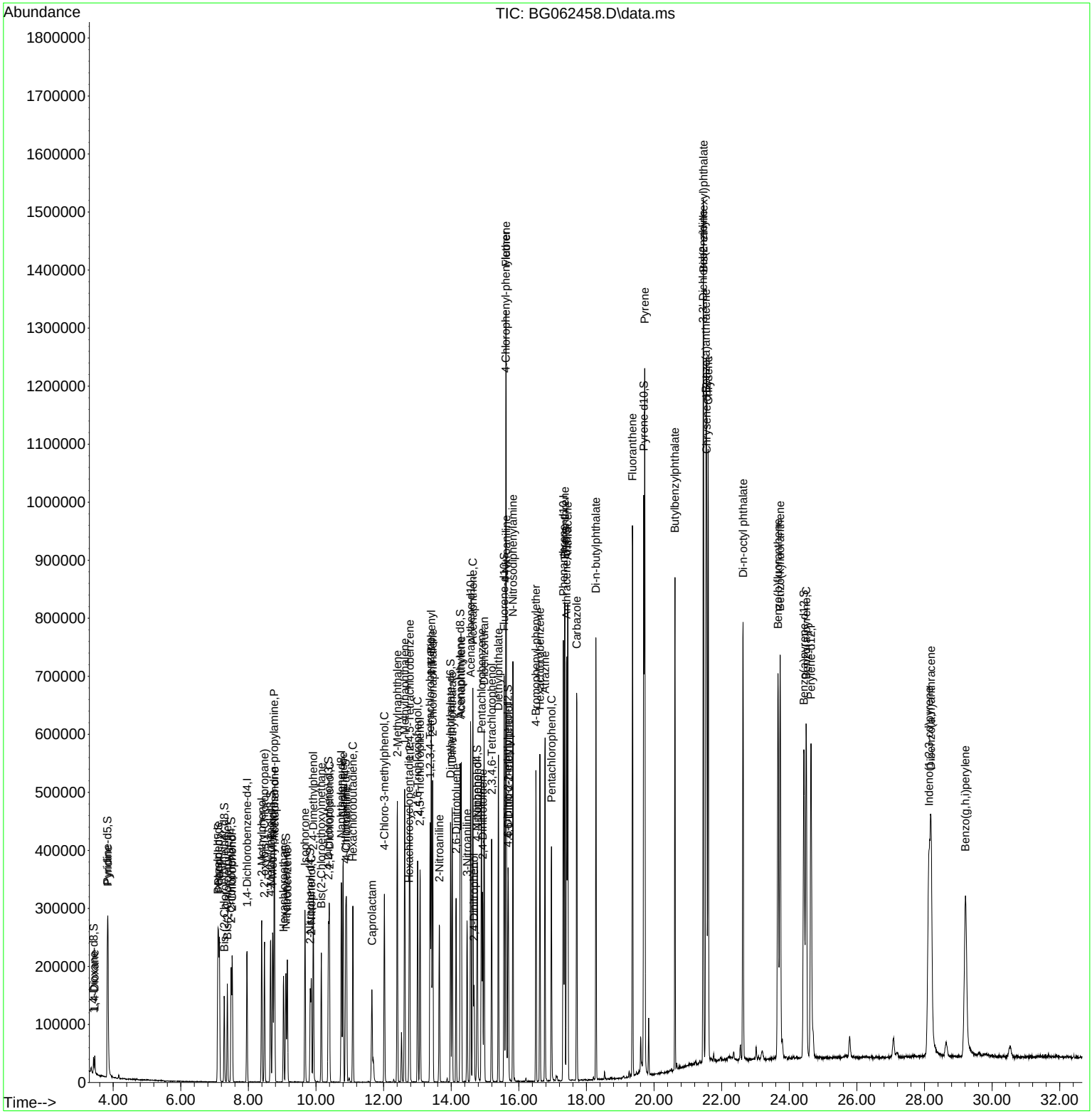
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062458.D
Acq On : 17 Aug 2024 1:53
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 17 02:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024



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Supervised By :mohammad ahmed 08/17/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	59718	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	281388	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	216770	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	471693	20.000	ng/ul	0.00
79) Chrysene-d12	21.558	240	489277	20.000	ng/ul	0.00
88) Perylene-d12	24.642	264	569921	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	13859	8.811	ng/uL	0.00
4) Pyridine-d5	3.829	84	106116	22.140	ng/ul	0.00
7) Phenol-d5	7.113	99	120178	20.229	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	69084	18.461	ng/ul	0.00
11) 2-Chlorophenol-d4	7.489	132	87977	21.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	96387	19.356	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	44440	24.627	ng/ul	0.00
24) 2-Nitrophenol-d4	9.827	143	49110	27.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	100867	22.061	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	131450	18.129	ng/ul	0.00
46) Dimethylphthalate-d6	13.980	166	309201	18.338	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	363911	19.492	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	55073	20.474	ng/ul	0.00
60) Fluorene-d10	15.566	176	284910	18.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	51774	24.158	ng/ul	0.00
73) Anthracene-d10	17.411	188	441120	19.467	ng/ul	0.00
81) Pyrene-d10	19.696	212	544315	18.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.431	264	587119	19.412	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	14962	8.911	ng/uL	85
5) Pyridine	3.847	79	111155	22.041	ng/ul	96
6) Benzaldehyde	7.095	77	71637	23.261	ng/ul	98
8) Phenol	7.142	94	123751	19.852	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.377	93	87888	19.054	ng/ul	97
12) 2-Chlorophenol	7.518	128	90589	21.581	ng/ul	95
13) 2-Methylphenol	8.393	108	91901	19.591	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.476	45	175391	18.422	ng/ul	99
16) Acetophenone	8.775	105	144571	17.723	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.758	70	75700	17.586	ng/ul	98
18) 4-Methylphenol	8.717	108	101713	18.930	ng/ul	99
19) Hexachloroethane	9.040	117	34339	20.560	ng/ul	90
22) Nitrobenzene	9.151	77	115333	22.627	ng/ul	99
23) Isophorone	9.674	82	213091	17.702	ng/ul	99
25) 2-Nitrophenol	9.862	139	54828	27.339	ng/ul	98
26) 2,4-Dimethylphenol	9.921	107	112692	20.605	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.156	93	124943	18.660	ng/ul	97
29) 2,4-Dichlorophenol	10.397	162	103424	22.028	ng/ul	98
30) Naphthalene	10.802	128	316138	19.371	ng/ul	99
32) 4-Chloroaniline	10.902	127	130092	18.455	ng/ul	95
33) Hexachlorobutadiene	11.090	225	69076	19.354	ng/ul	99
34) Caprolactam	11.654	113	33128m	17.494	ng/ul	
35) 4-Chloro-3-methylphenol	12.024	107	117651	21.415	ng/ul	97
36) 2-Methylnaphthalene	12.406	142	227649	19.752	ng/ul	98

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Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 17 02:48:22 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.623	142	233679	19.872	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.770	216	145179	20.056	ng/ul	100
40) Hexachlorocyclopentadiene	12.752	237	44851	12.088	ng/ul	96
41) 2,4,6-Trichlorophenol	13.005	196	91973	22.088	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	101404	23.195	ng/ul	92
43) 1,1'-Biphenyl	13.410	154	321672	19.587	ng/ul	97
44) 2-Chloronaphthalene	13.451	162	252566	19.875	ng/ul	99
45) 2-Nitroaniline	13.651	65	81021	24.616	ng/ul	97
47) Dimethylphthalate	14.027	163	313517	18.340	ng/ul	99
48) 2,6-Dinitrotoluene	14.144	165	61593	25.227	ng/ul	90
50) Acenaphthylene	14.297	152	387121	19.367	ng/ul	99
51) 3-Nitroaniline	14.468	138	63548	22.844	ng/ul	93
52) Acenaphthene	14.638	153	290405	19.413	ng/ul	97
53) 2,4-Dinitrophenol	14.673	184	34205	22.211	ng/ul#	86
55) 4-Nitrophenol	14.773	109	45490	19.702	ng/ul	98
56) Dibenzofuran	14.973	168	405610	19.275	ng/ul	99
57) 2,4-Dinitrotoluene	14.932	165	90289	24.294	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.196	232	88819	21.131	ng/ul	96
59) Diethylphthalate	15.396	149	311356	18.250	ng/ul	99
61) Fluorene	15.619	166	307878	18.562	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.613	204	160858	18.872	ng/ul	99
63) 4-Nitroaniline	15.631	138	59586	20.493	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.689	198	56411	23.360	ng/ul#	98
67) N-Nitrosodiphenylamine	15.825	169	273145	19.976	ng/ul	97
68) 4-Bromophenyl-phenylether	16.506	248	107898	20.383	ng/ul	97
69) Hexachlorobenzene	16.623	284	120871	19.598	ng/ul	98
70) Atrazine	16.776	200	109673	19.235	ng/ul	97
71) Pentachlorophenol	16.964	266	77792	21.614	ng/ul	97
72) Phenanthrene	17.358	178	506643	19.115	ng/ul	100
74) Anthracene	17.446	178	523322	19.274	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	146161	21.676	ng/ul	98
76) Pentachlorobenzene	14.896	250	146957	20.776	ng/ul	94
77) Carbazole	17.710	167	442272	19.392	ng/ul	98
78) Di-n-butylphthalate	18.280	149	529644	19.413	ng/ul	99
80) Fluoranthene	19.361	202	616266	19.251	ng/ul	100
82) Pyrene	19.725	202	652308	18.906	ng/ul	99
83) Butylbenzylphthalate	20.618	149	244833	21.066	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.452	252	227525	21.306	ng/ul	98
85) Benzo(a)anthracene	21.534	228	691356	19.468	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.464	149	364519	21.467	ng/ul#	99
87) Chrysene	21.599	228	645875	19.184	ng/ul	99
89) Di-n-octyl phthalate	22.633	149	628422	20.675	ng/ul	100
90) Benzo(b)fluoranthene	23.667	252	652214	18.944	ng/ul	98
91) Benzo(k)fluoranthene	23.732	252	668090	19.225	ng/ul	98
93) Benzo(a)pyrene	24.501	252	625474	19.271	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.131	276	812361m	19.692	ng/ul	
95) Dibenzo(a,h)anthracene	28.190	278	650669	19.459	ng/ul	99
96) Benzo(g,h,i)perylene	29.212	276	609520m	19.212	ng/ul	

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

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 17 02:48:22 2024
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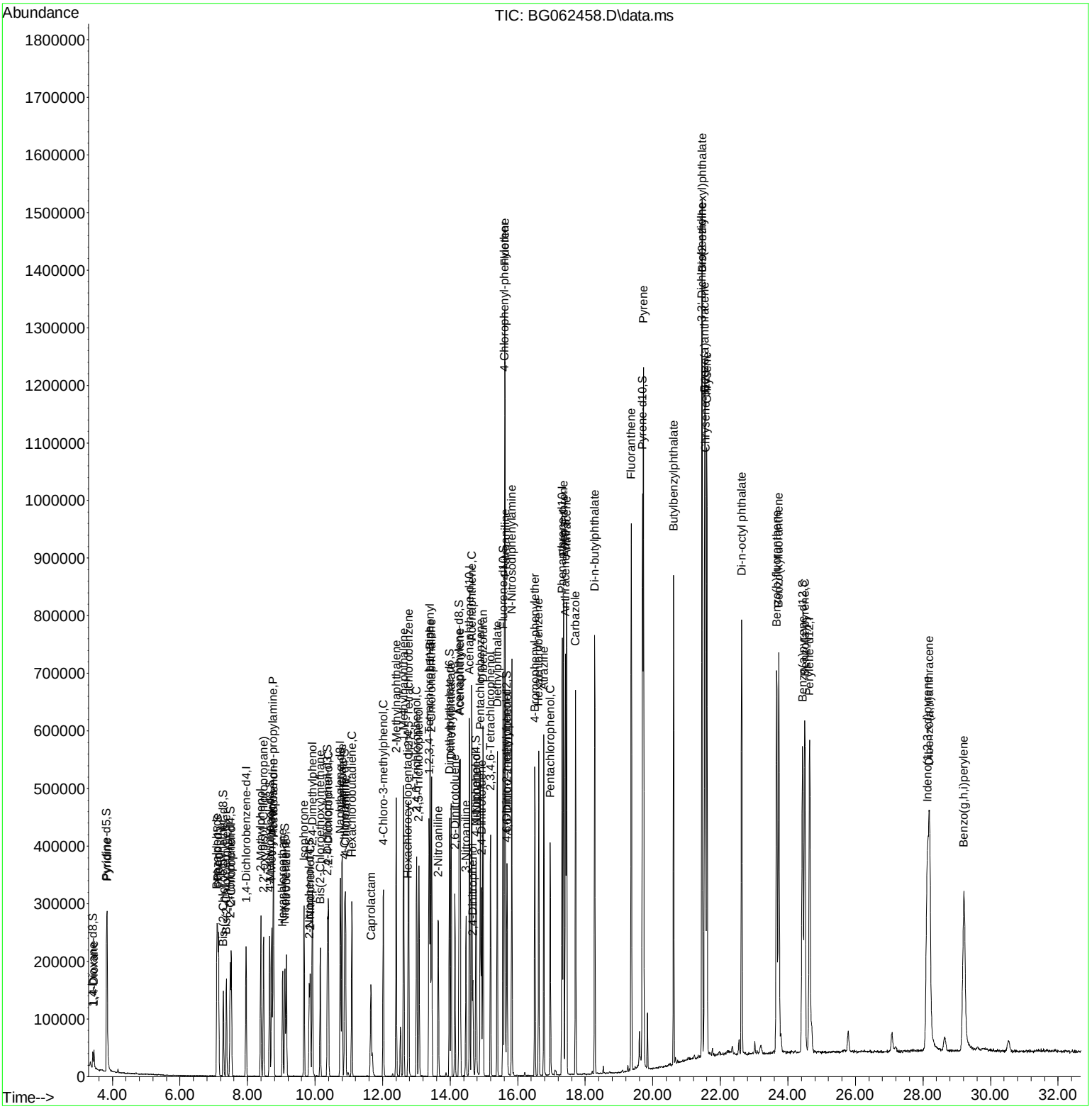
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062458.D
Acq On : 17 Aug 2024 1:53
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 17 02:46:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
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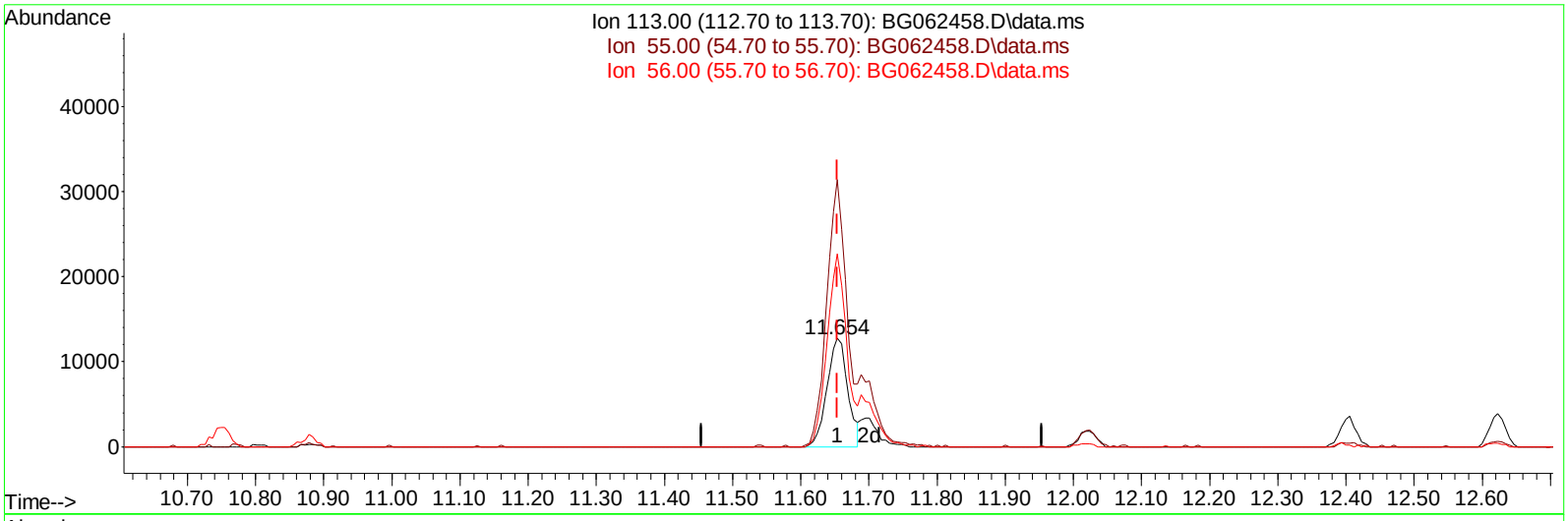

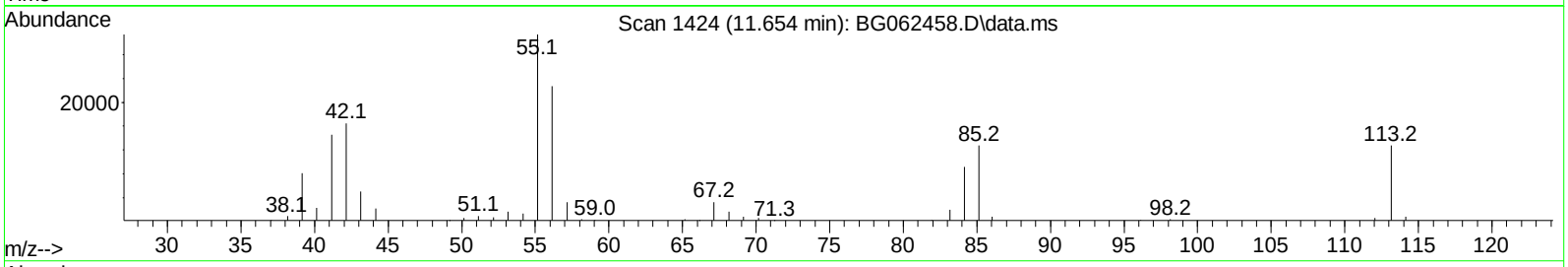

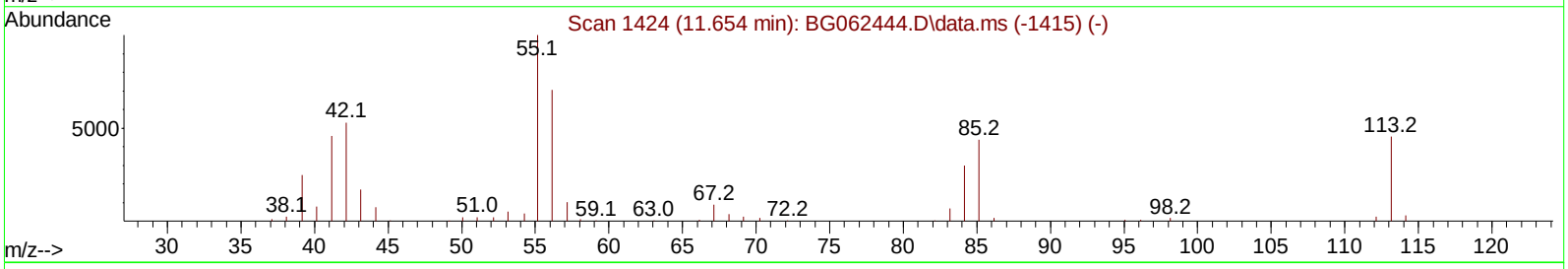

TIC: BG062458.D\data.ms

(34) Caprolactam

11.654min (-0.000) 14.28 ng/ul

response 27046

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	245.85
56.00	178.20	177.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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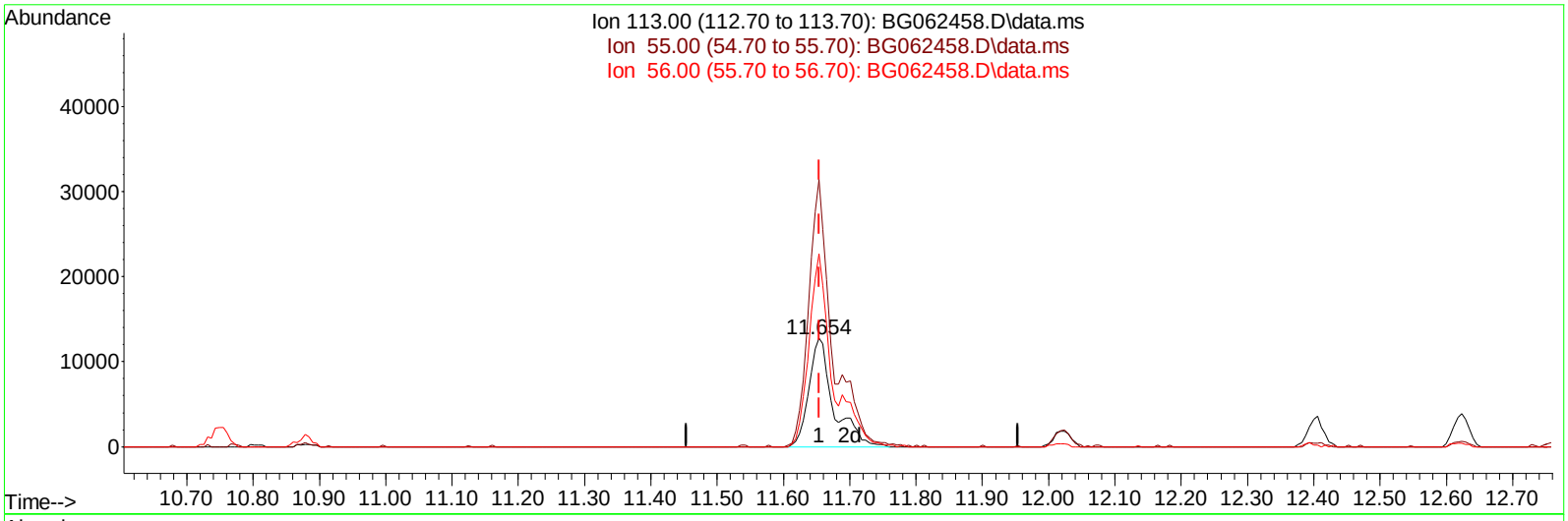

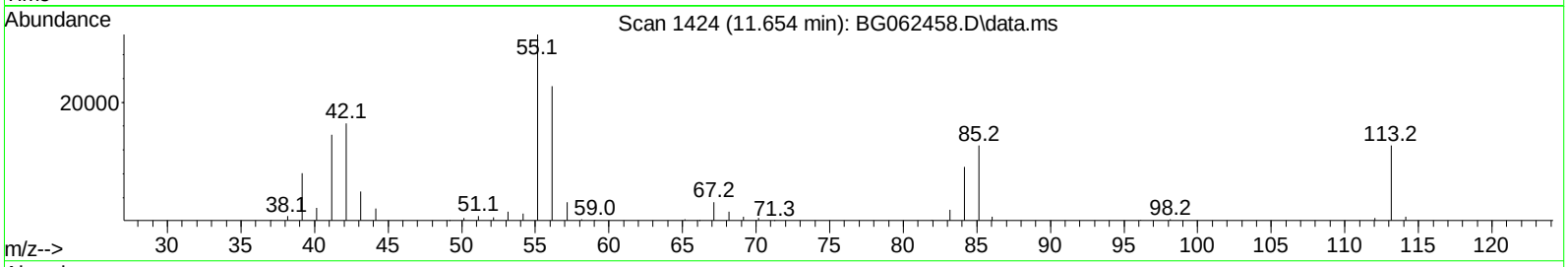

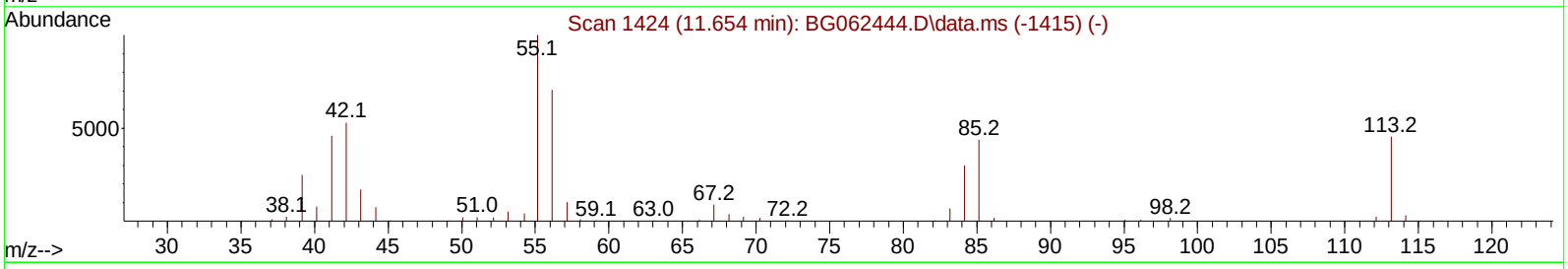

TIC: BG062458.D\data.ms

(34) Caprolactam

11.654min (-0.000) 17.49 ng/ul m

response 33128

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	245.85
56.00	178.20	177.78
0.00	0.00	0.00

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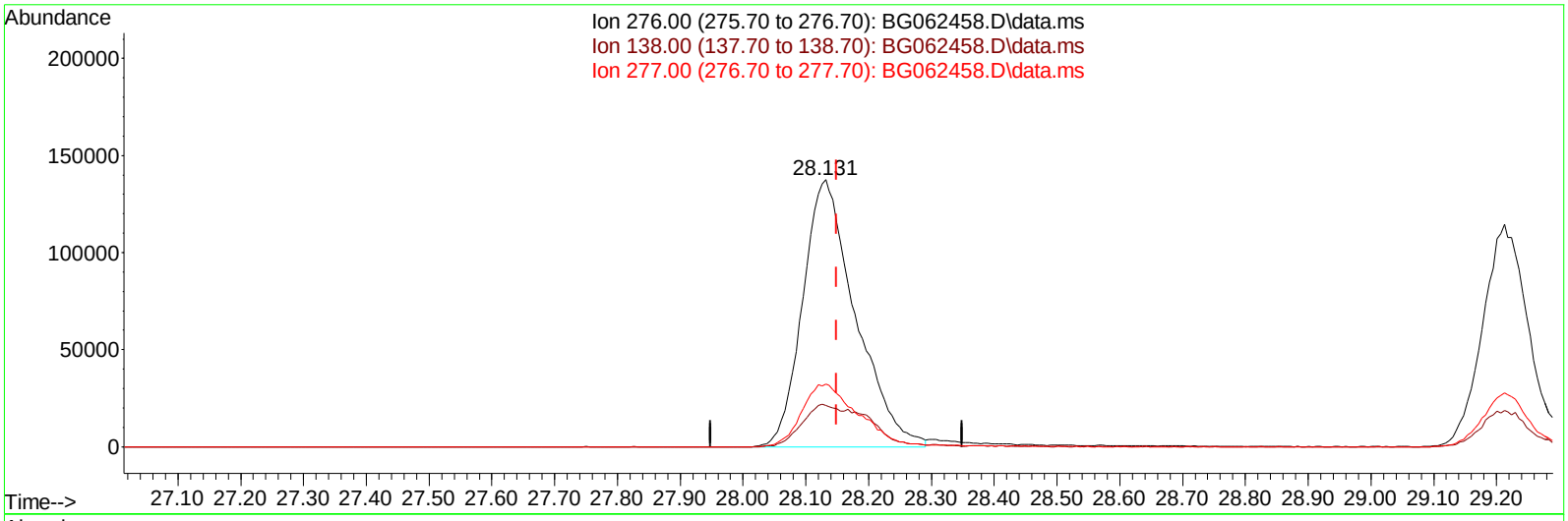

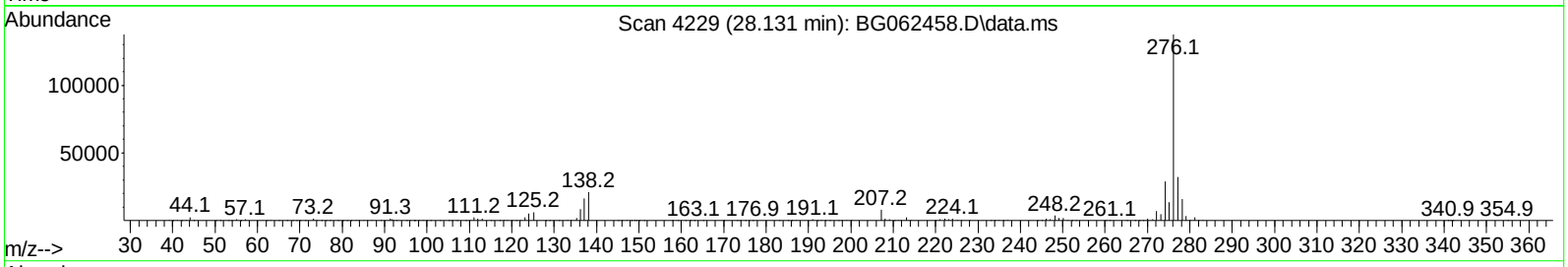

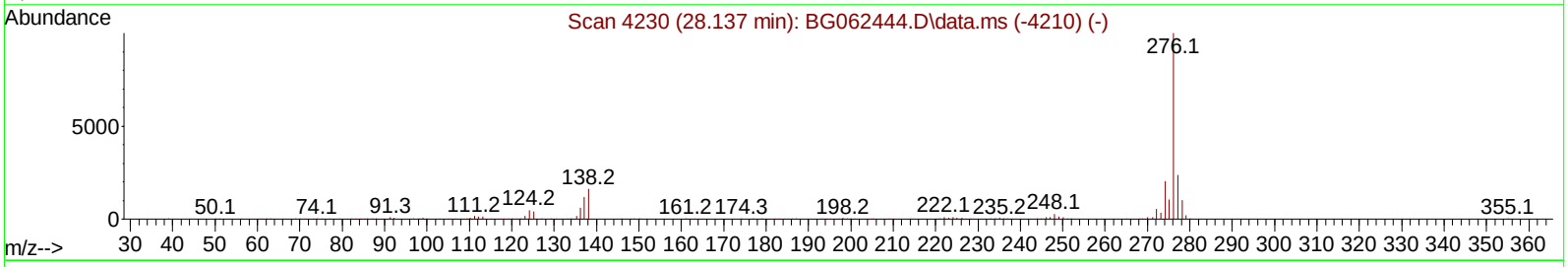

TIC: BG062458.D\data.ms

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

28.131min (-0.018) 19.43 ng/ul

response 801546

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	15.43
277.00	24.00	23.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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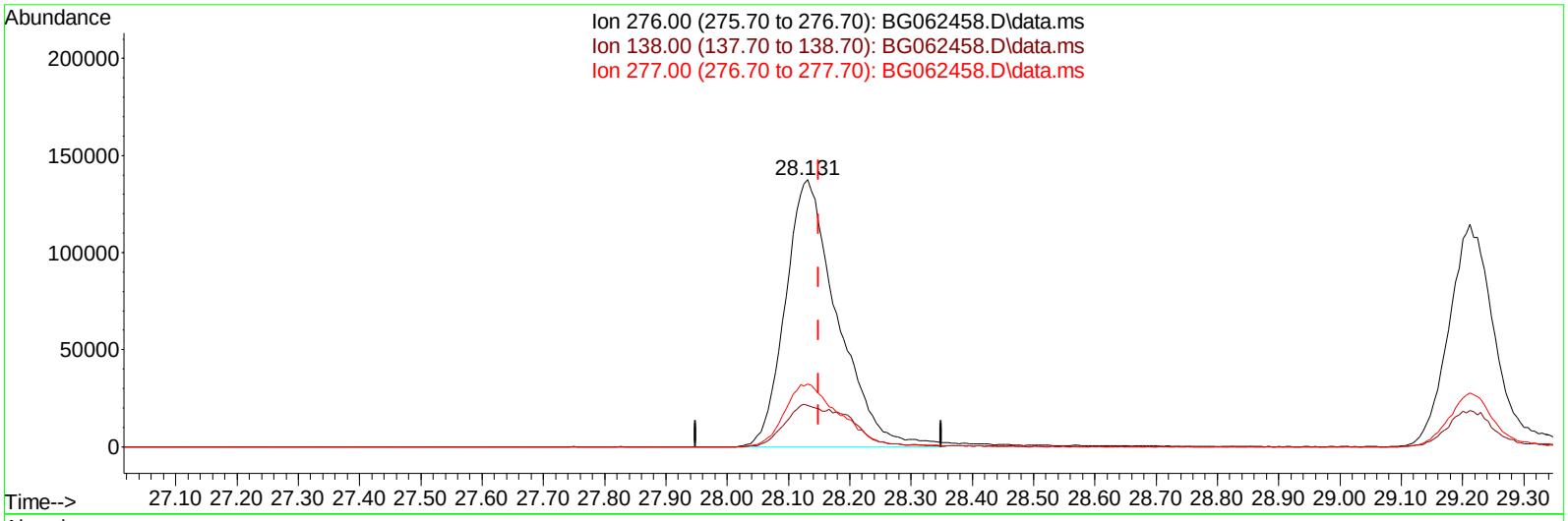

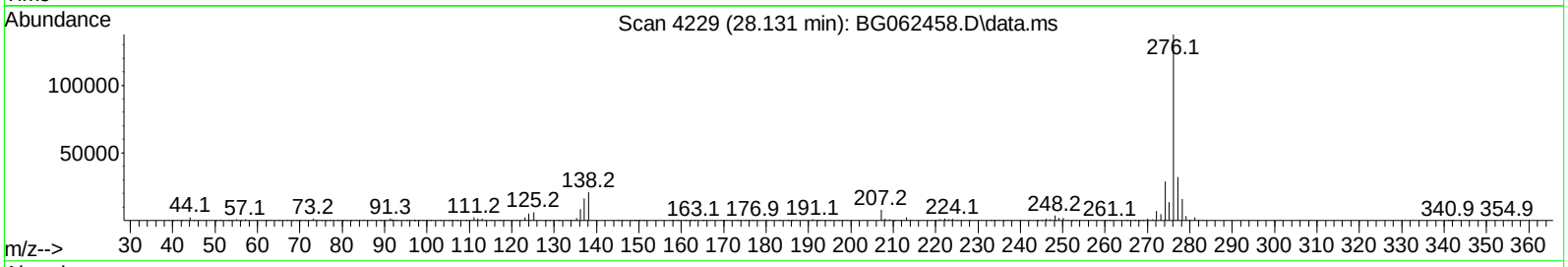

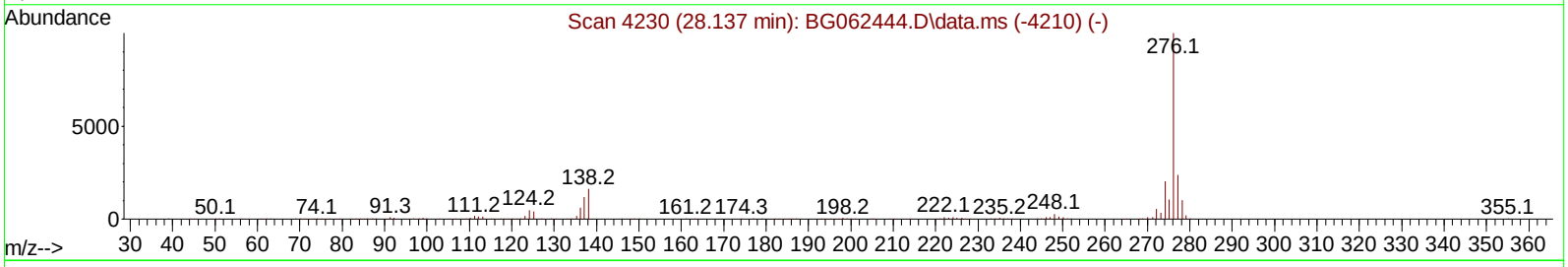

TIC: BG062458.D\data.ms

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

28.131min (-0.018) 19.69 ng/ul m

response 812361

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	15.43
277.00	24.00	23.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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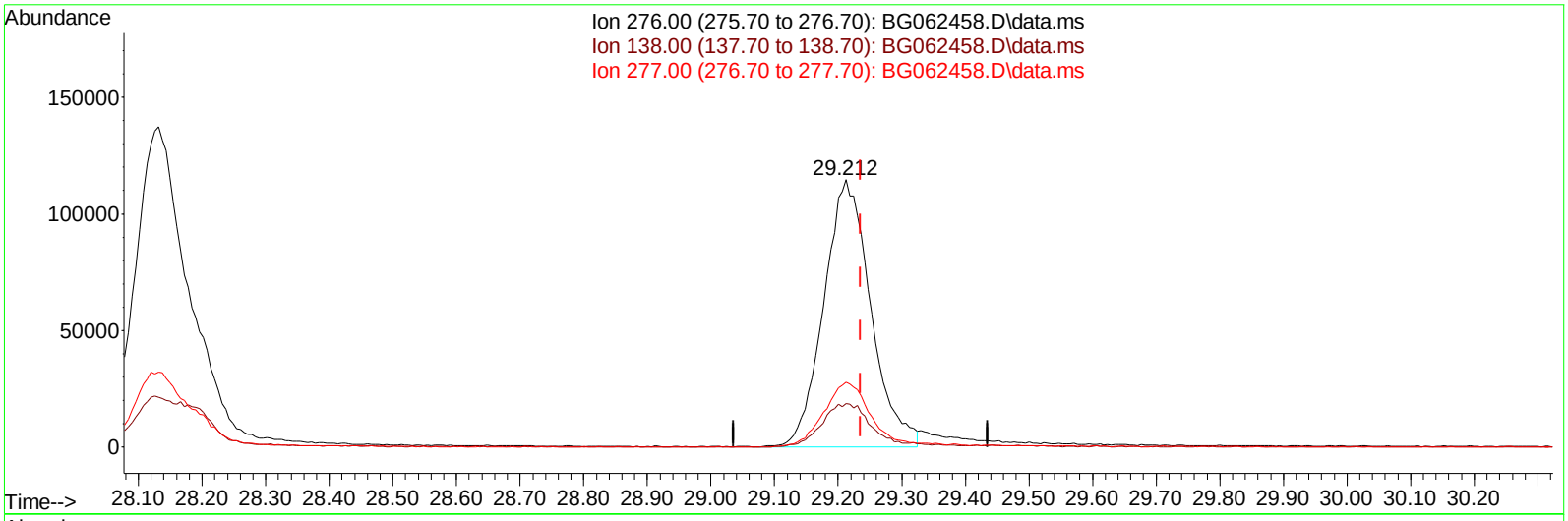
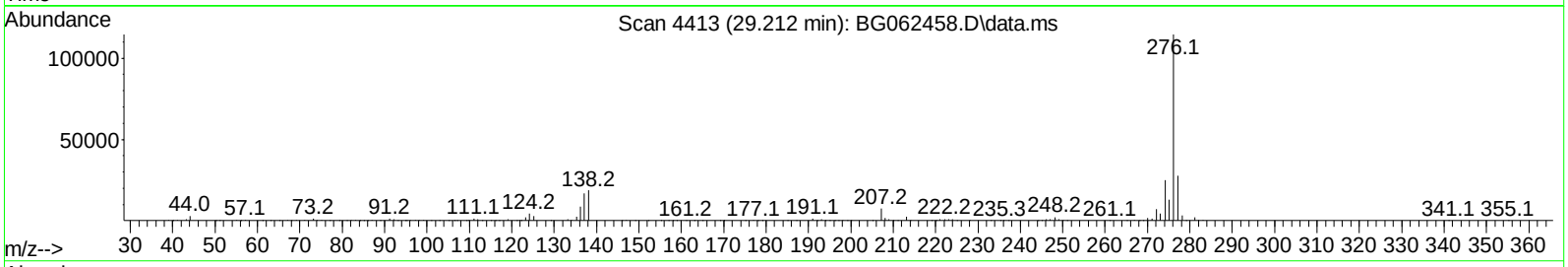
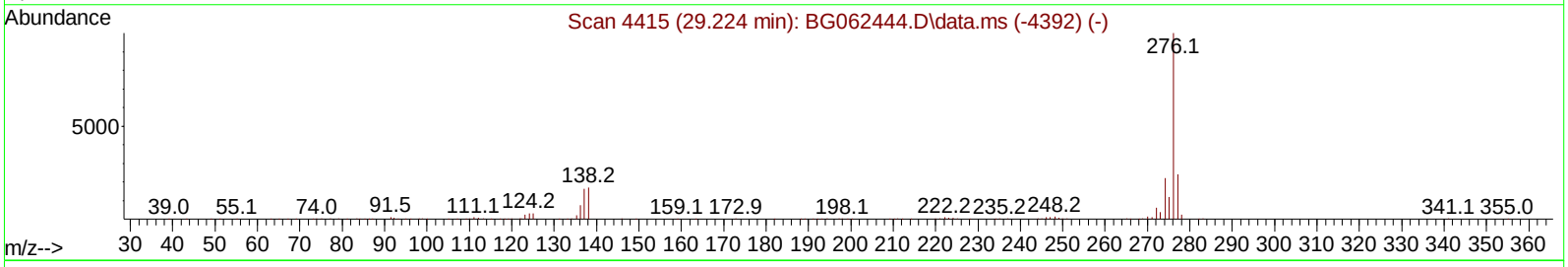






TIC: BG062458.D\data.ms

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

29.212min (-0.024) 18.47 ng/ul

response 585889

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.80	16.28
277.00	24.40	24.19
0.00	0.00	0.00

Quantitation Report (Qedit)

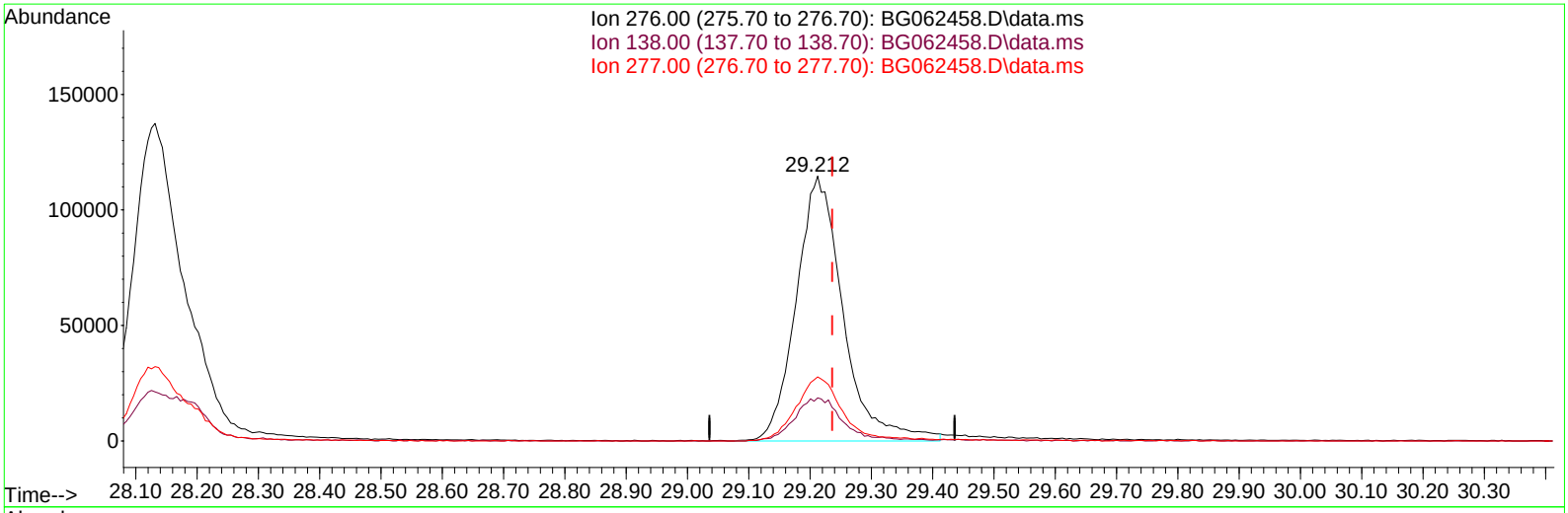
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062458.D
Acq On : 17 Aug 2024 1:53
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

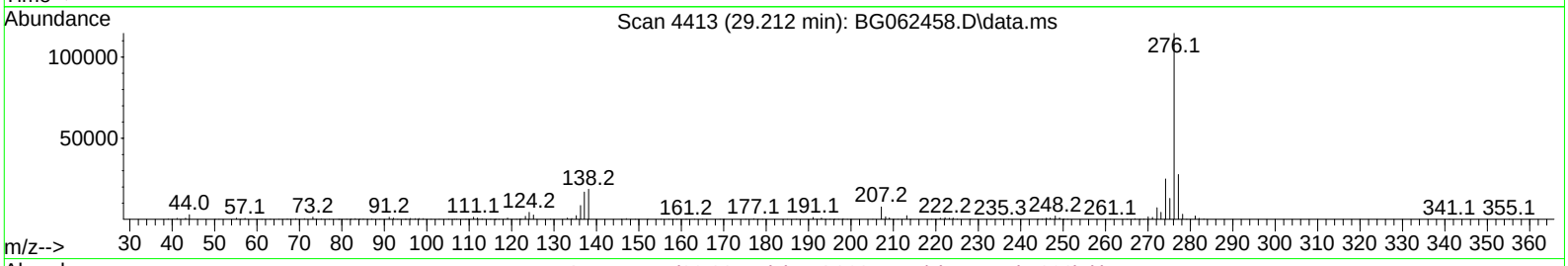
Quant Time: Aug 17 02:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration

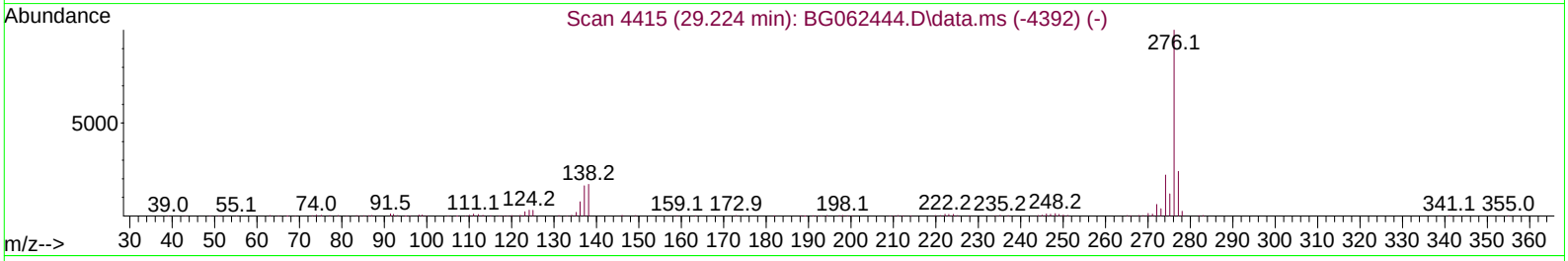
Instrument :
BNA_G
ClientSampleId :
SSTD020460

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/17/2024







TIC: BG062458.D\data.ms

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

29.212min (-0.024) 19.21 ng/ul m

response 609520

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.80	16.28
277.00	24.40	24.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	59718	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	281388	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	216770	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	471693	20.000	ng/ul	0.00
79) Chrysene-d12	21.558	240	489277	20.000	ng/ul	0.00
88) Perylene-d12	24.642	264	569921	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	13859	8.811	ng/uL	0.00
4) Pyridine-d5	3.829	84	106116	22.140	ng/ul	0.00
7) Phenol-d5	7.113	99	120178	20.229	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	69084	18.461	ng/ul	0.00
11) 2-Chlorophenol-d4	7.489	132	87977	21.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	96387	19.356	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	44440	24.627	ng/ul	0.00
24) 2-Nitrophenol-d4	9.827	143	49110	27.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	100867	22.061	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	131450	18.129	ng/ul	0.00
46) Dimethylphthalate-d6	13.980	166	309201	18.338	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	363911	19.492	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	55073	20.474	ng/ul	0.00
60) Fluorene-d10	15.566	176	284910	18.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	51774	24.158	ng/ul	0.00
73) Anthracene-d10	17.411	188	441120	19.467	ng/ul	0.00
81) Pyrene-d10	19.696	212	544315	18.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.431	264	587119	19.412	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	14962	8.911	ng/uL	85
5) Pyridine	3.847	79	111155	22.041	ng/ul	96
6) Benzaldehyde	7.095	77	71637	23.261	ng/ul	98
8) Phenol	7.142	94	123751	19.852	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.377	93	87888	19.054	ng/ul	97
12) 2-Chlorophenol	7.518	128	90589	21.581	ng/ul	95
13) 2-Methylphenol	8.393	108	91901	19.591	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.476	45	175391	18.422	ng/ul	99
16) Acetophenone	8.775	105	144571	17.723	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.758	70	75700	17.586	ng/ul	98
18) 4-Methylphenol	8.717	108	101713	18.930	ng/ul	99
19) Hexachloroethane	9.040	117	34339	20.560	ng/ul	90
22) Nitrobenzene	9.151	77	115333	22.627	ng/ul	99
23) Isophorone	9.674	82	213091	17.702	ng/ul	99
25) 2-Nitrophenol	9.862	139	54828	27.339	ng/ul	98
26) 2,4-Dimethylphenol	9.921	107	112692	20.605	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.156	93	124943	18.660	ng/ul	97
29) 2,4-Dichlorophenol	10.397	162	103424	22.028	ng/ul	98
30) Naphthalene	10.802	128	316138	19.371	ng/ul	99
32) 4-Chloroaniline	10.902	127	130092	18.455	ng/ul	95
33) Hexachlorobutadiene	11.090	225	69076	19.354	ng/ul	99
34) Caprolactam	11.654	113	33128m	17.494	ng/ul	
35) 4-Chloro-3-methylphenol	12.024	107	117651	21.415	ng/ul	97

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ClientSampleId :
SSTD020460

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.406	142	227649	19.752	ng/ul	98
37) 1-Methylnaphthalene	12.623	142	233679	19.872	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.770	216	145179	20.056	ng/ul	100
40) Hexachlorocyclopentadiene	12.752	237	44851	12.088	ng/ul	96
41) 2,4,6-Trichlorophenol	13.005	196	91973	22.088	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	101404	23.195	ng/ul	92
43) 1,1'-Biphenyl	13.410	154	321672	19.587	ng/ul	97
44) 2-Chloronaphthalene	13.451	162	252566	19.875	ng/ul	99
45) 2-Nitroaniline	13.651	65	81021	24.616	ng/ul	97
47) Dimethylphthalate	14.027	163	313517	18.340	ng/ul	99
48) 2,6-Dinitrotoluene	14.144	165	61593	25.227	ng/ul	90
50) Acenaphthylene	14.297	152	387121	19.367	ng/ul	99
51) 3-Nitroaniline	14.468	138	63548	22.844	ng/ul	93
52) Acenaphthene	14.638	153	290405	19.413	ng/ul	97
53) 2,4-Dinitrophenol	14.673	184	34205	22.211	ng/ul#	86
55) 4-Nitrophenol	14.773	109	45490	19.702	ng/ul	98
56) Dibenzofuran	14.973	168	405610	19.275	ng/ul	99
57) 2,4-Dinitrotoluene	14.932	165	90289	24.294	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.196	232	88819	21.131	ng/ul	96
59) Diethylphthalate	15.396	149	311356	18.250	ng/ul	99
61) Fluorene	15.619	166	307878	18.562	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.613	204	160858	18.872	ng/ul	99
63) 4-Nitroaniline	15.631	138	59586	20.493	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.689	198	56411	23.360	ng/ul#	98
67) N-Nitrosodiphenylamine	15.825	169	273145	19.976	ng/ul	97
68) 4-Bromophenyl-phenylether	16.506	248	107898	20.383	ng/ul	97
69) Hexachlorobenzene	16.623	284	120871	19.598	ng/ul	98
70) Atrazine	16.776	200	109673	19.235	ng/ul	97
71) Pentachlorophenol	16.964	266	77792	21.614	ng/ul	97
72) Phenanthrene	17.358	178	506643	19.115	ng/ul	100
74) Anthracene	17.446	178	523322	19.274	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	146161	21.676	ng/ul	98
76) Pentachlorobenzene	14.896	250	146957	20.776	ng/ul	94
77) Carbazole	17.710	167	442272	19.392	ng/ul	98
78) Di-n-butylphthalate	18.280	149	529644	19.413	ng/ul	99
80) Fluoranthene	19.361	202	616266	19.251	ng/ul	100
82) Pyrene	19.725	202	652308	18.906	ng/ul	99
83) Butylbenzylphthalate	20.618	149	244833	21.066	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.452	252	227525	21.306	ng/ul	98
85) Benzo(a)anthracene	21.534	228	691356	19.468	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.464	149	364519	21.467	ng/ul#	99
87) Chrysene	21.599	228	645875	19.184	ng/ul	99
89) Di-n-octyl phthalate	22.633	149	628422	20.675	ng/ul	100
90) Benzo(b)fluoranthene	23.667	252	652214	18.944	ng/ul	98
91) Benzo(k)fluoranthene	23.732	252	668090	19.225	ng/ul	98
93) Benzo(a)pyrene	24.501	252	625474	19.271	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.131	276	812361m	19.692	ng/ul	
95) Dibenzo(a,h)anthracene	28.190	278	650669	19.459	ng/ul	99
96) Benzo(g,h,i)perylene	29.212	276	609520m	19.212	ng/ul	

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