Quantitation Report (Qedit)

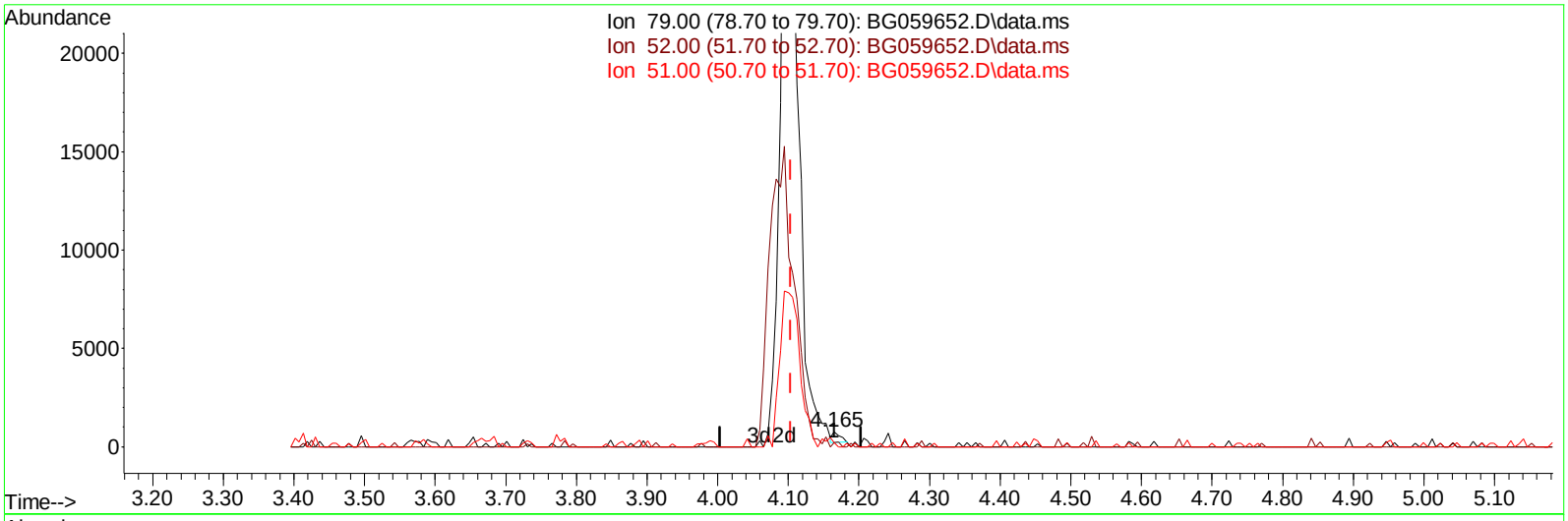
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

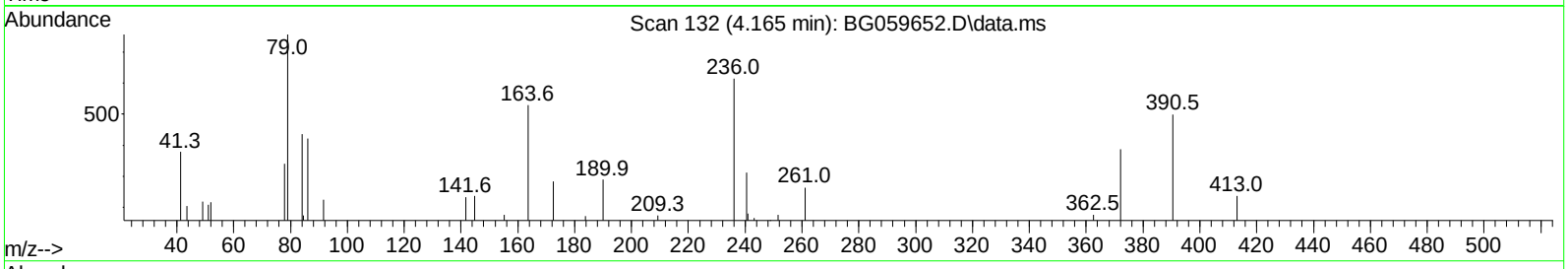
Quant Time: Nov 05 23:59:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

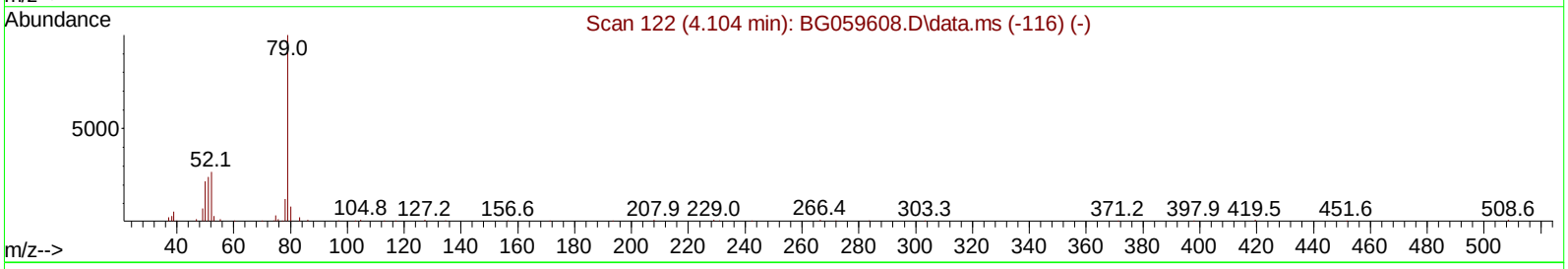
Instrument :
BNA_G
ClientSampleId :
SLCS685

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023







TIC: BG059652.D\data.ms

(5) Pyridine

4.165min (+ 0.061) 0.17 ng/ul

response 412

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	34.70	28.67
51.00	24.70	27.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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Acq On : 5 Nov 2023 12:18
Operator : MA/JU
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Manual IntegrationsAPPROVED

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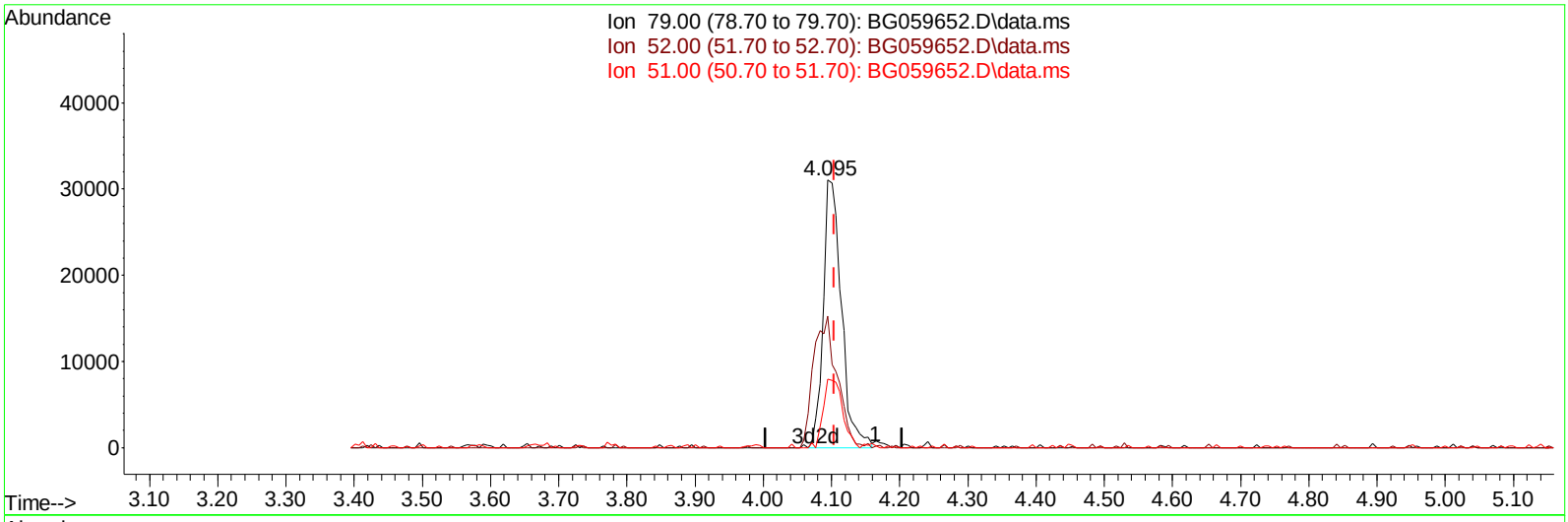

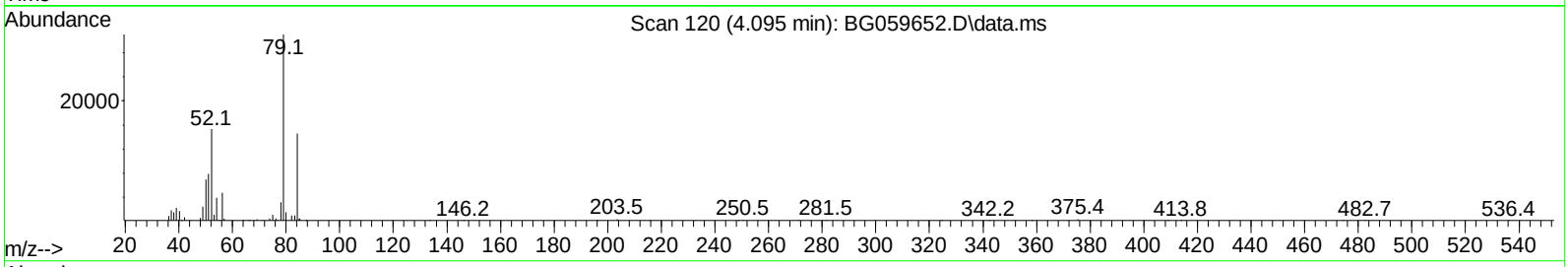

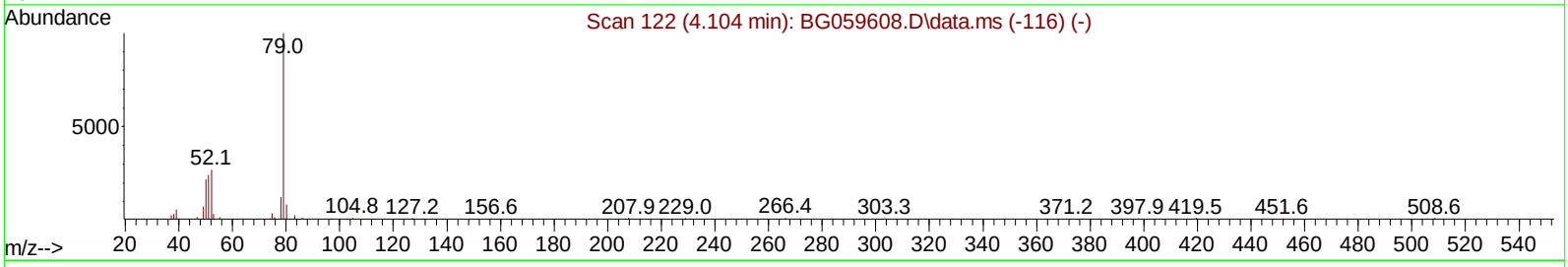

TIC: BG059652.D\data.ms

(5) Pyridine

4.095min (-0.009) 23.86 ng/ul m

response 57697

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	34.70	49.28#
51.00	24.70	25.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 06 01:58:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS685

Manual IntegrationsAPPROVED

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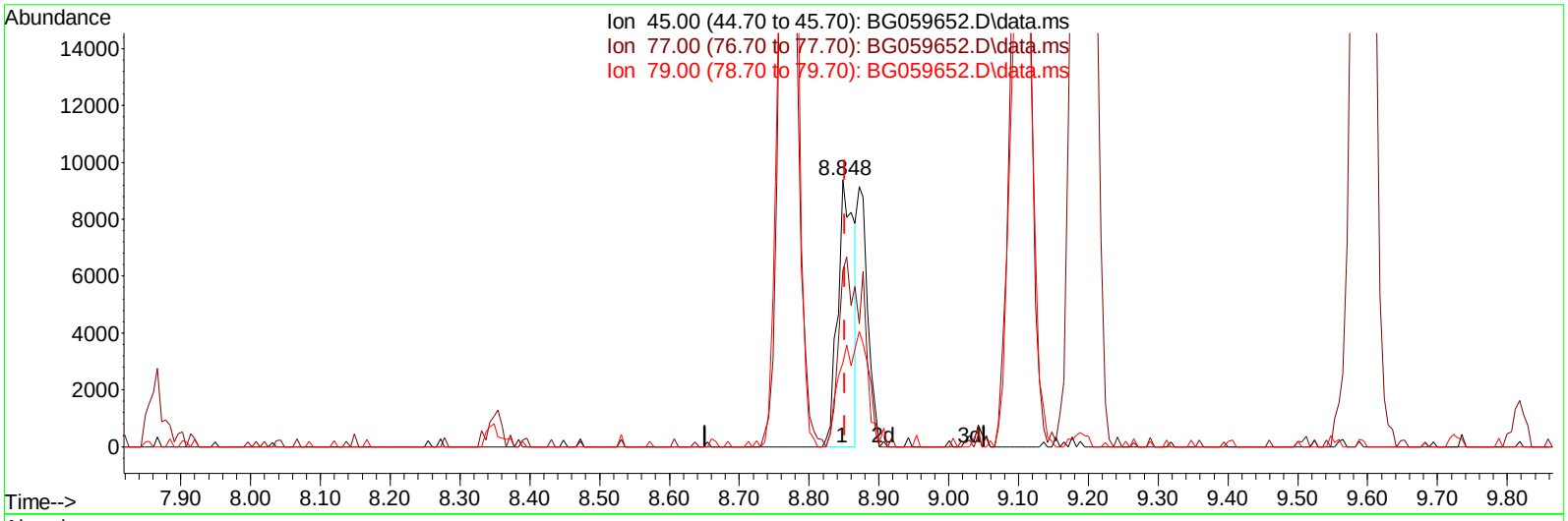

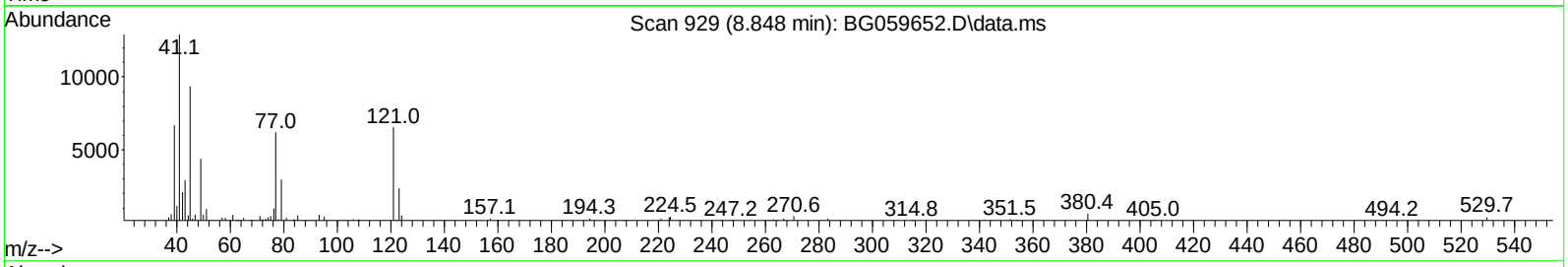

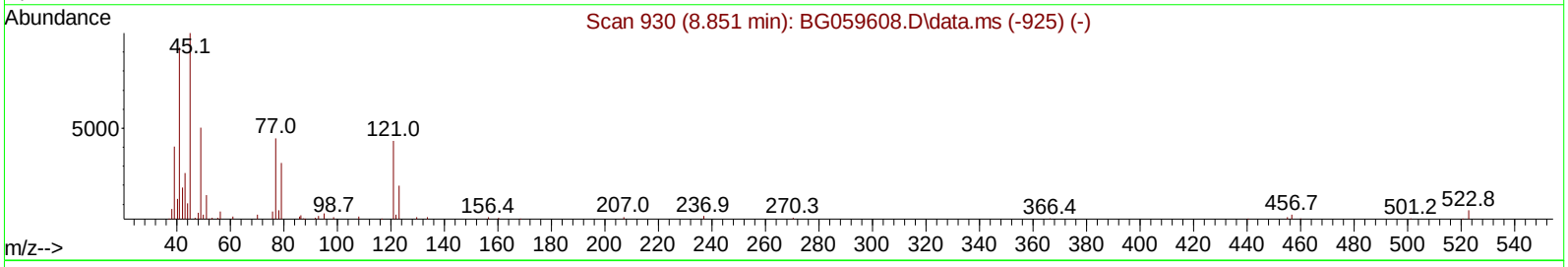

TIC: BG059652.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.848min (-0.003) 16.51 ng/ul

response 15151

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	44.80	66.15#
79.00	31.80	31.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 06 01:58:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
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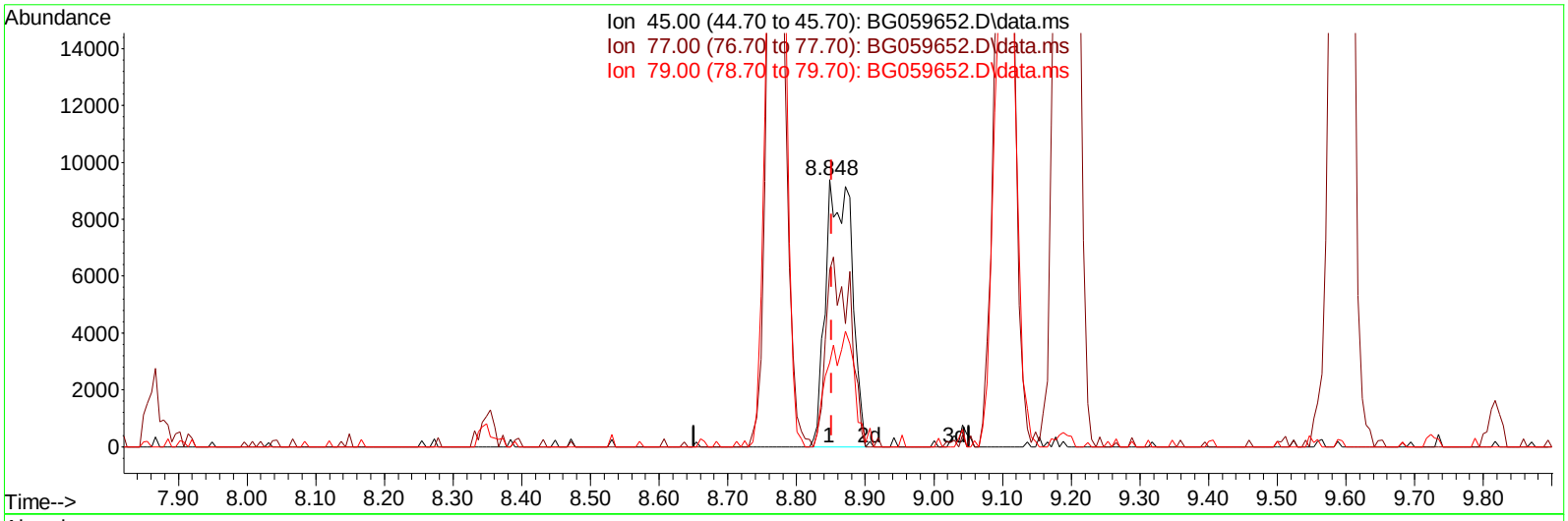
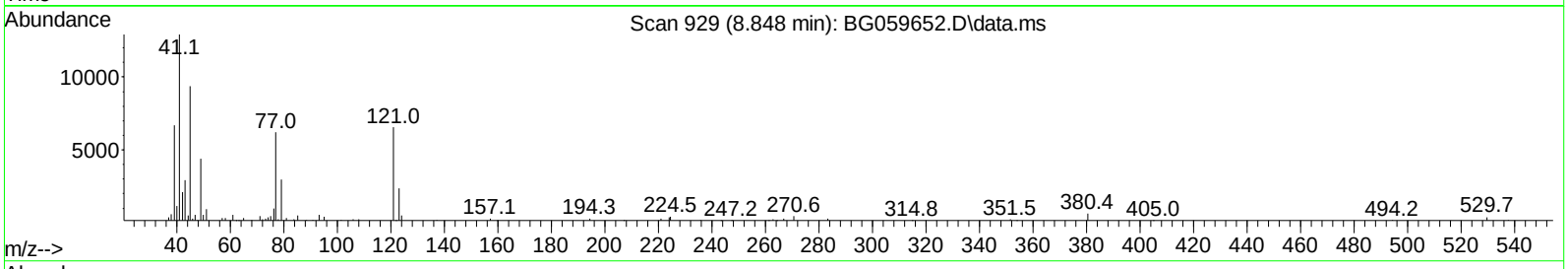
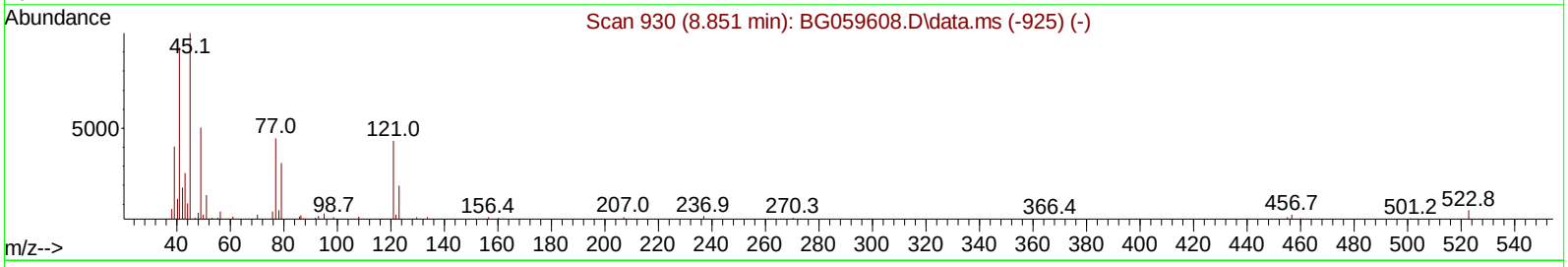
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023







TIC: BG059652.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.848min (-0.003) 26.73 ng/ul m

response 24538

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	44.80	66.15#
79.00	31.80	31.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 06 01:58:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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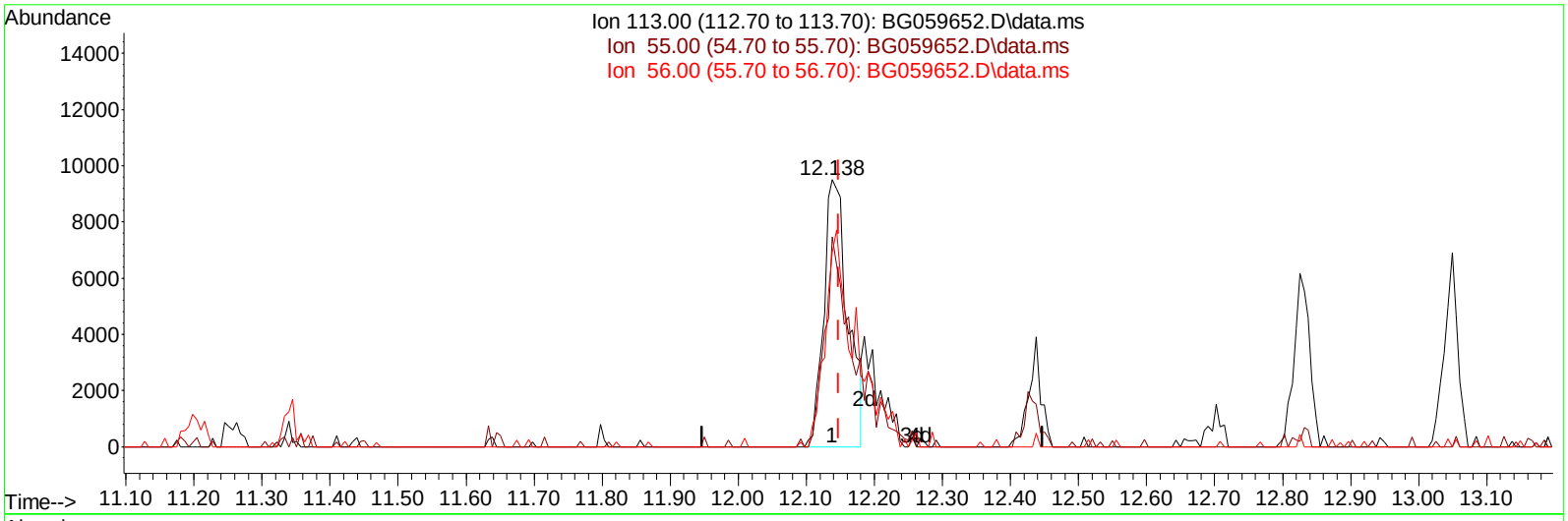

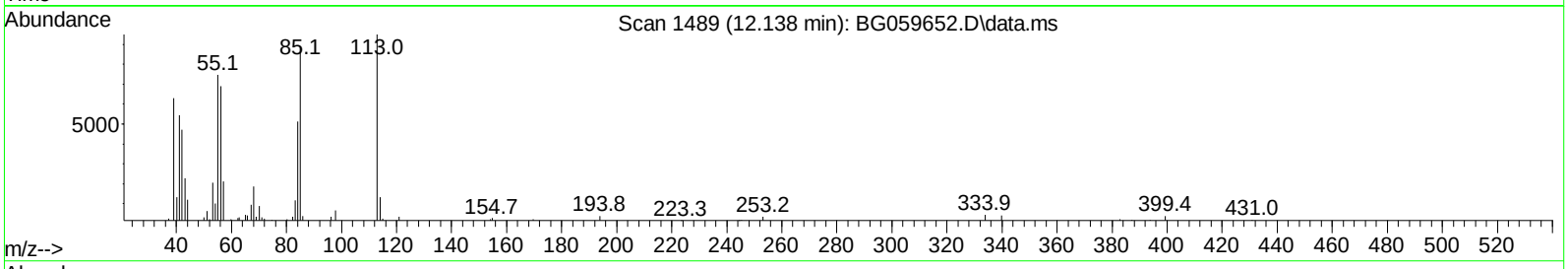

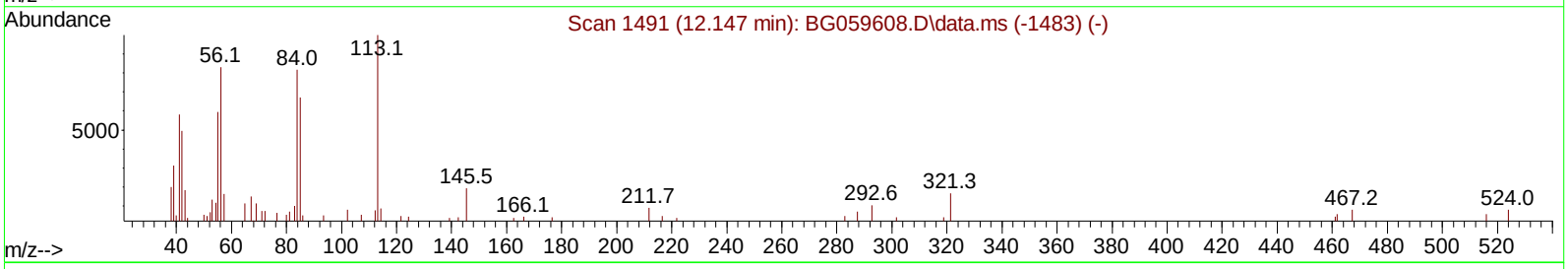

TIC: BG059652.D\data.ms

(34) Caprolactam

12.138min (-0.009) 30.66 ng/ul

response 23395

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	78.60#
56.00	83.20	72.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 06 01:58:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS685

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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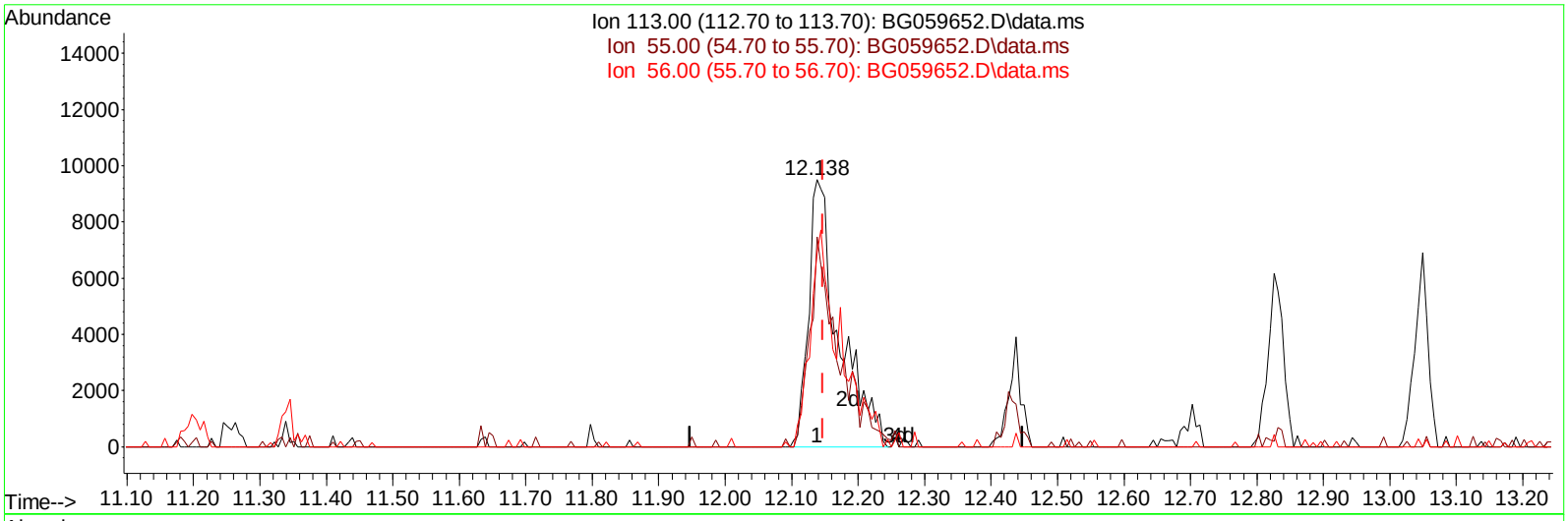

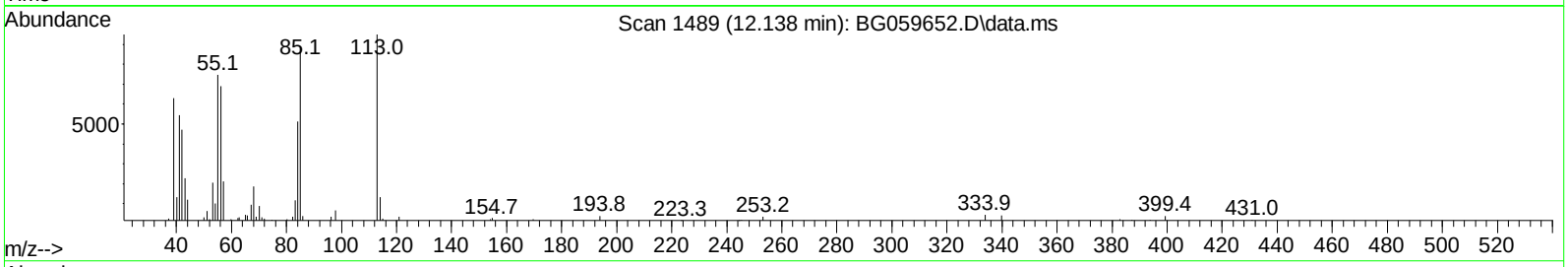

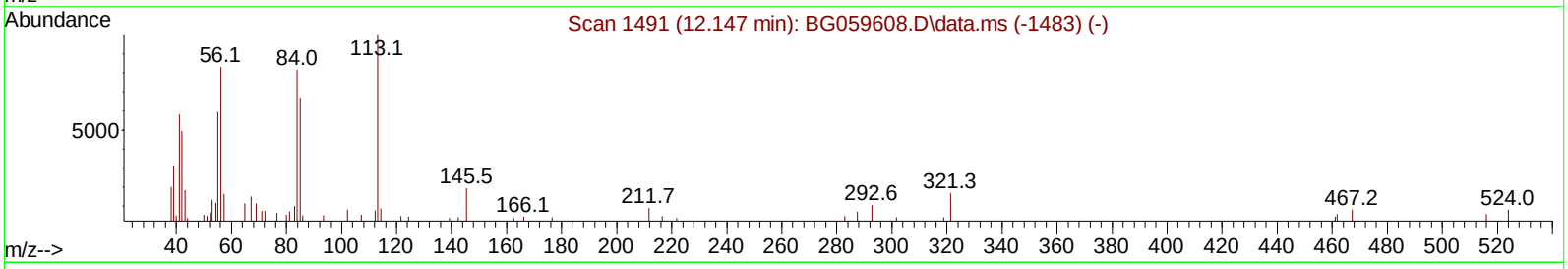

TIC: BG059652.D\data.ms

(34) Caprolactam

12.138min (-0.009) 39.39 ng/ul m

response 30056

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	78.60#
56.00	83.20	72.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

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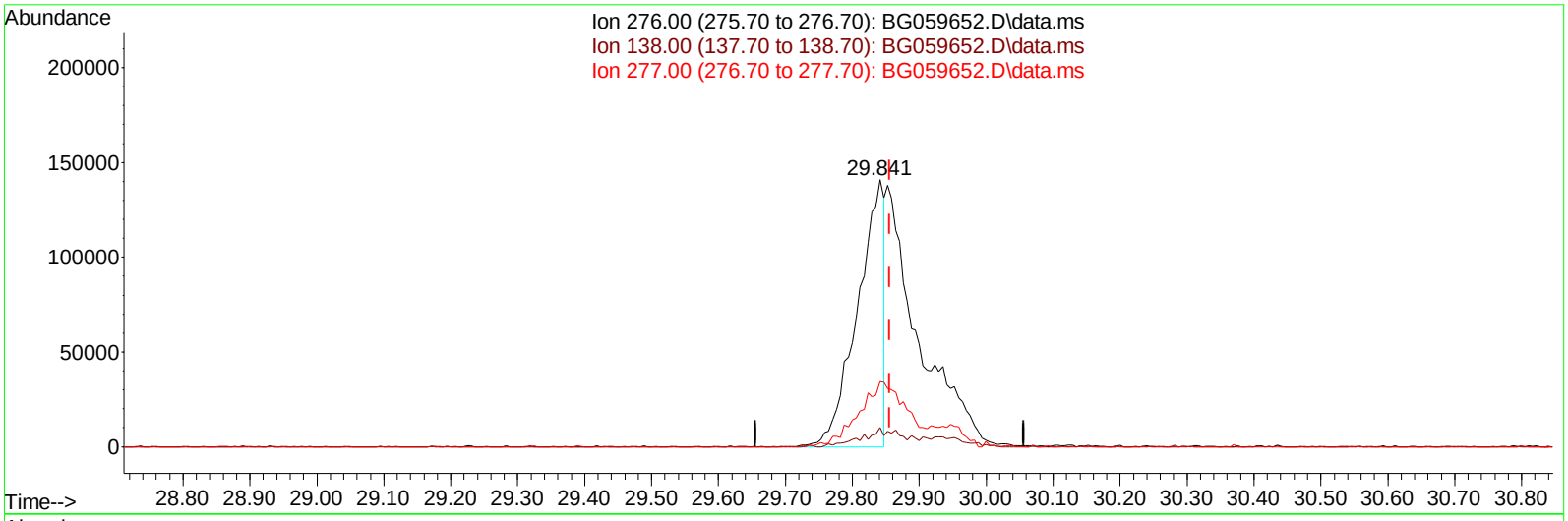

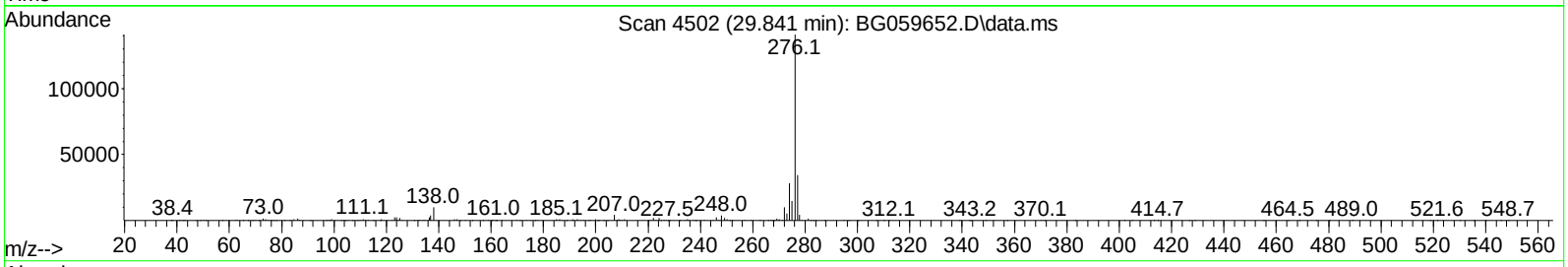

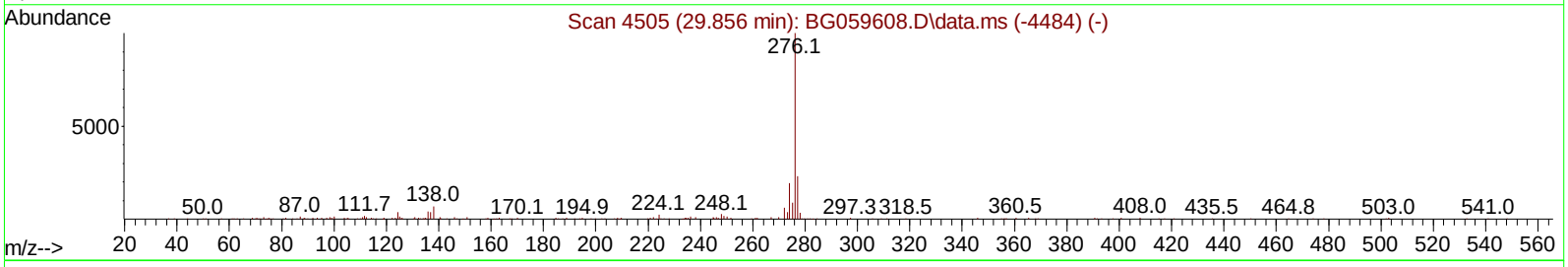

TIC: BG059652.D\data.ms

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

29.841min (-0.015) 16.73 ng/ul

response 390363

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	7.20
277.00	23.10	24.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
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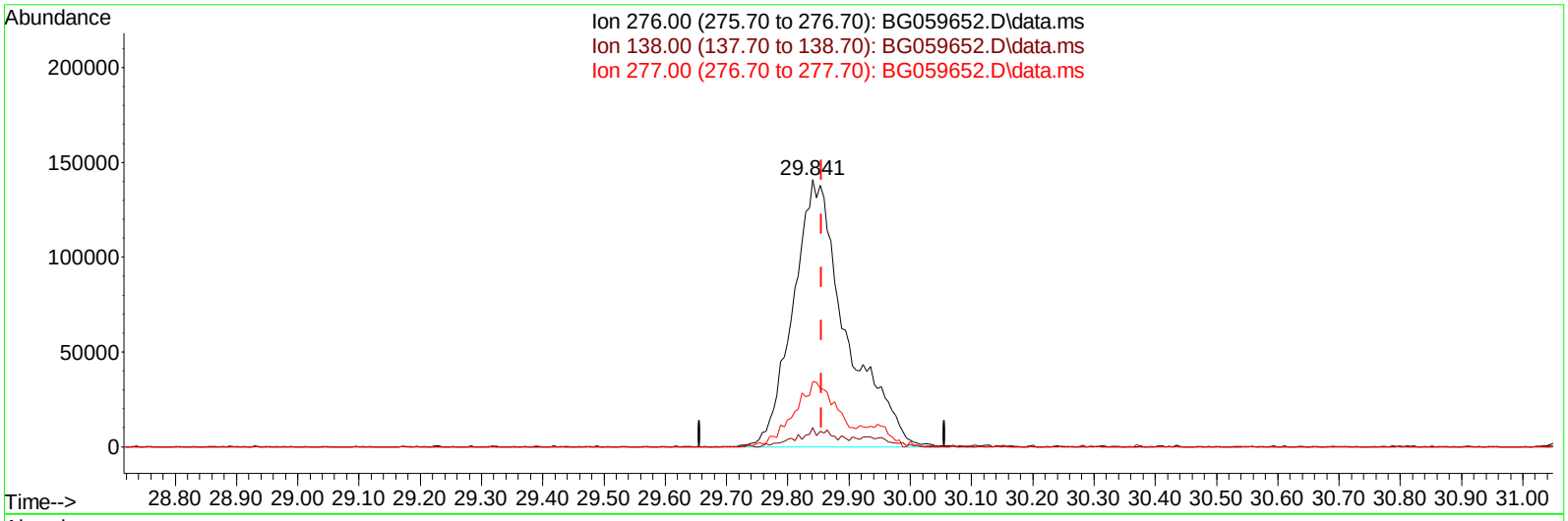

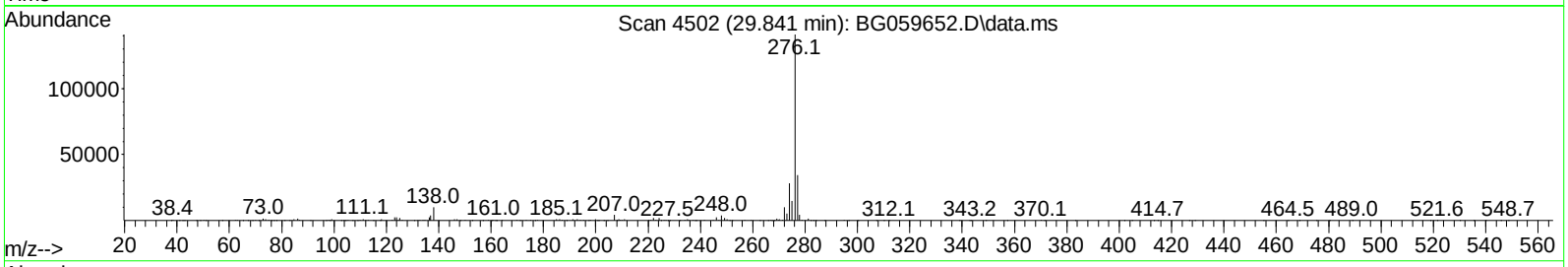

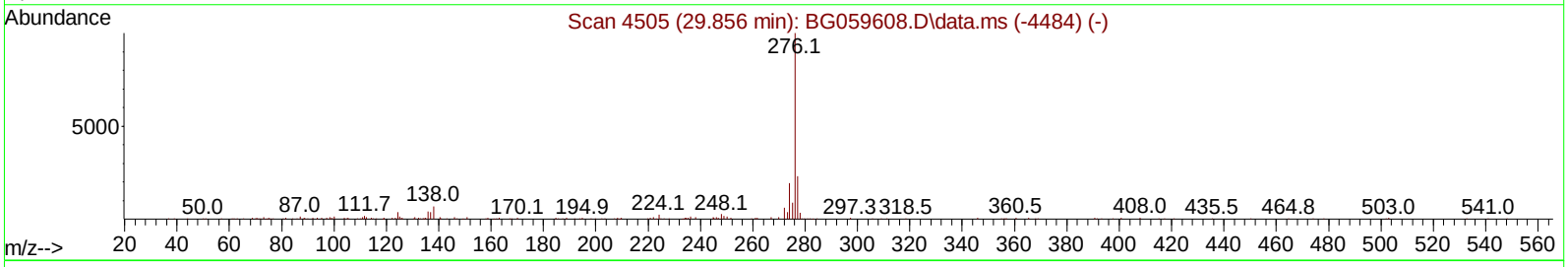

TIC: BG059652.D\data.ms

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

29.841min (-0.015) 36.37 ng/ul m

response 848459

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	7.20
277.00	23.10	24.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 06 01:59:45 2023
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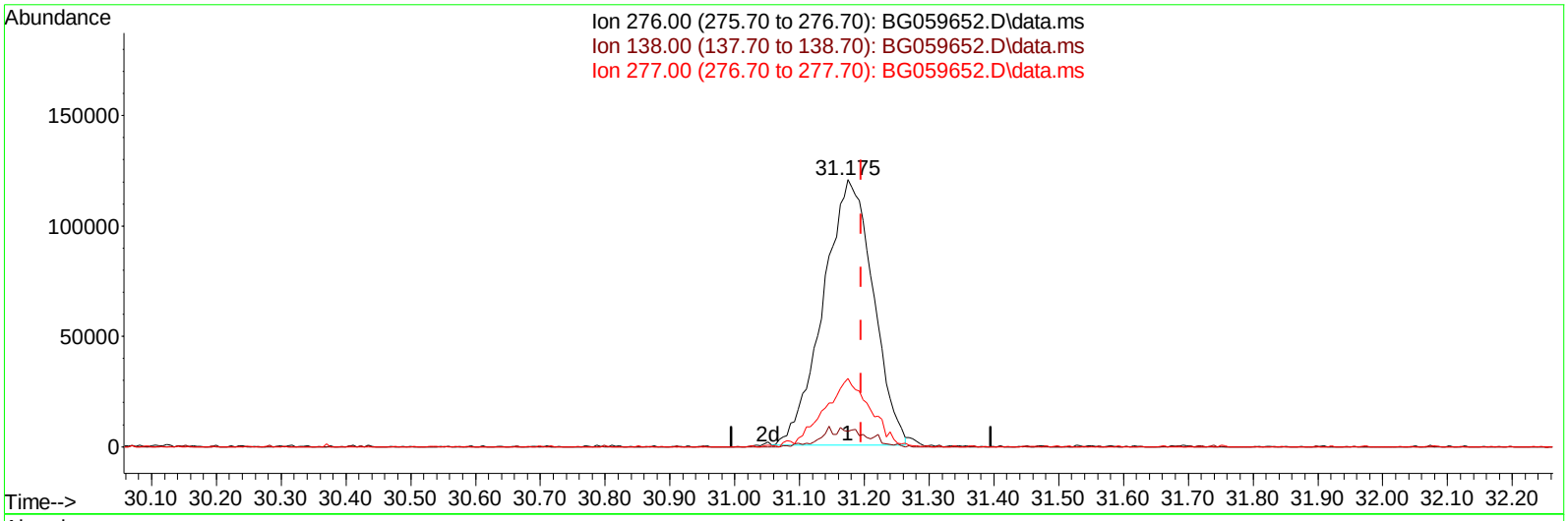

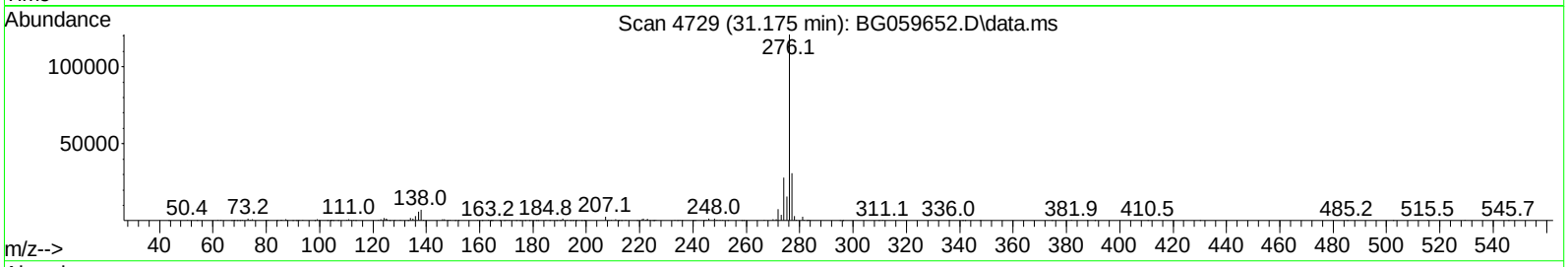

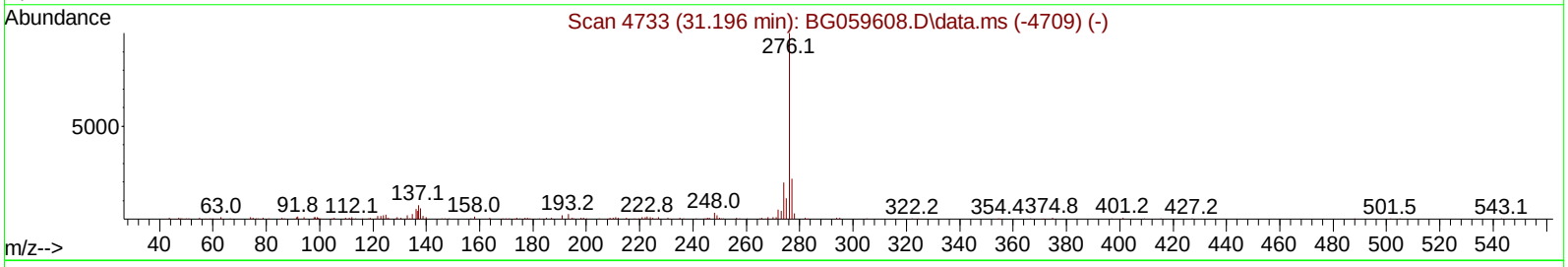

TIC: BG059652.D\data.ms

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

31.175min (-0.021) 35.28 ng/ul

response 646103

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	5.79
277.00	21.90	25.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
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ALS Vial : 42 Sample Multiplier: 1

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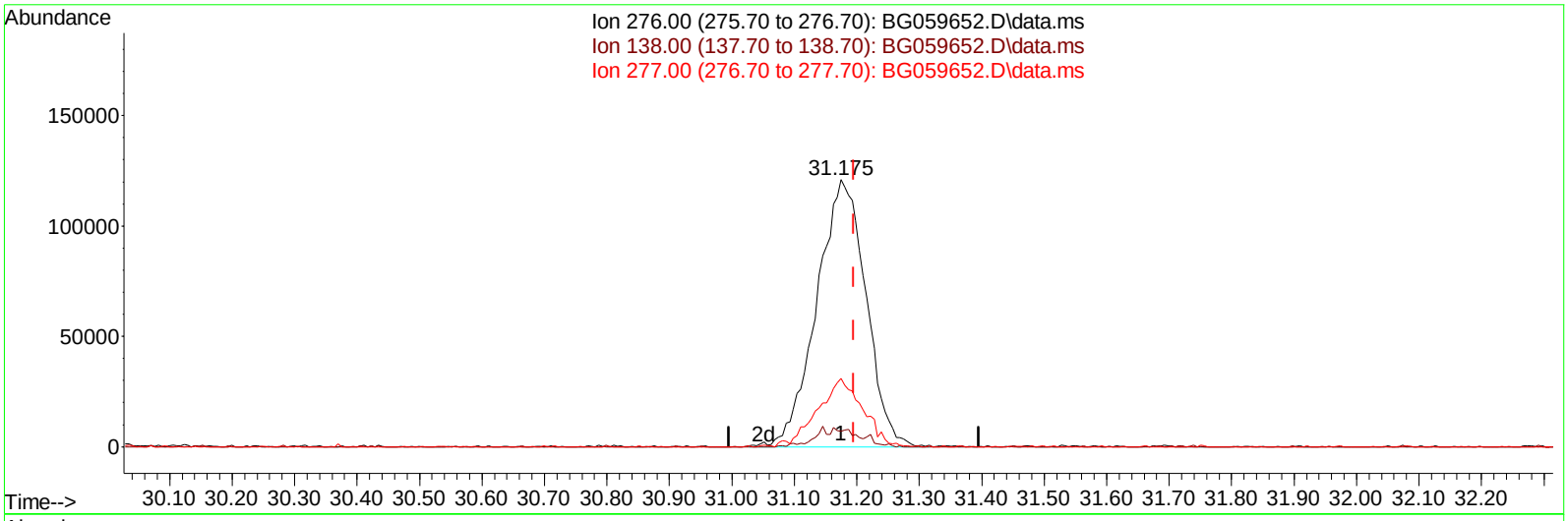

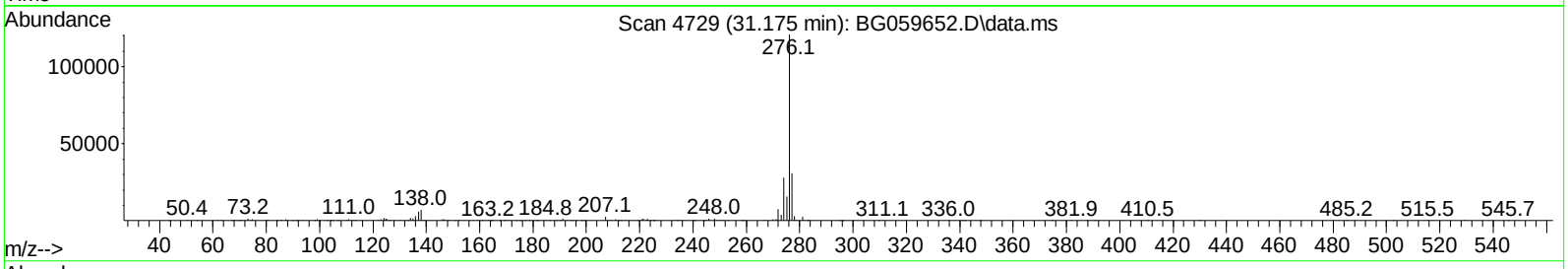

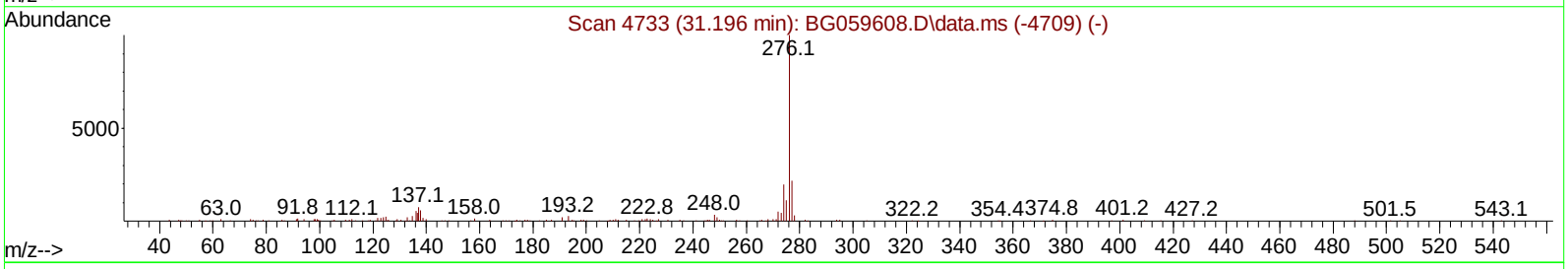

TIC: BG059652.D\data.ms

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

31.175min (-0.021) 36.07 ng/ul m

response 660688

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	5.79
277.00	21.90	25.55
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 06 02:00:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
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QLast Update : Sat Nov 04 02:46:50 2023
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	29178	20.000	ng/ul	0.00
20) Naphthalene-d8	11.204	136	144348	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.982	164	101917	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.732	188	227365	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.068	240	249046	20.000	ng/ul	# 0.00
88) Perylene-d12	25.669	264	277092	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.642	96	3858	4.956	ng/uL	0.00
4) Pyridine-d5	4.077	84	59184	25.852	ng/ul	0.00
7) Phenol-d5	7.467	99	94519	31.684	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	44352	27.807	ng/ul	0.00
11) 2-Chlorophenol-d4	7.867	132	68414	33.768	ng/ul	0.00
15) 4-Methylphenol-d8	9.036	113	75586	30.960	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	38167	36.155	ng/ul	0.00
24) 2-Nitrophenol-d4	10.264	143	43323	34.007	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.799	165	82801	36.583	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	113244	31.795	ng/ul	0.00
46) Dimethylphthalate-d6	14.371	166	301522	36.864	ng/ul	0.00
49) Acenaphthylene-d8	14.682	160	330585	33.894	ng/ul	0.00
54) 4-Nitrophenol-d4	15.158	143	49036	33.955	ng/ul	0.00
60) Fluorene-d10	15.969	176	260644	33.847	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.075	200	51477	35.770	ng/ul	0.00
73) Anthracene-d10	17.832	188	391543	32.903	ng/ul	0.00
81) Pyrene-d10	20.105	212	547635	34.362	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.411	264	577261	35.587	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.689	88	9480	10.658	ng/uL#	86
5) Pyridine	4.095	79	57697m	23.864	ng/ul	
6) Benzaldehyde	7.491	77	50044	26.534	ng/ul	92
8) Phenol	7.491	94	95353	32.102	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.761	93	58792	28.649	ng/ul#	90
12) 2-Chlorophenol	7.902	128	70650	33.427	ng/ul#	84
13) 2-Methylphenol	8.766	108	80993	32.959	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.848	45	24538m	26.734	ng/ul	
16) Acetophenone	9.195	105	137708	31.793	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.159	70	68012	29.721	ng/ul#	80
18) 4-Methylphenol	9.106	108	85627	32.547	ng/ul	91
19) Hexachloroethane	9.435	117	32235	34.790	ng/ul#	85
22) Nitrobenzene	9.594	77	105358	33.578	ng/ul#	91
23) Isophorone	10.099	82	212496	29.408	ng/ul#	94
25) 2-Nitrophenol	10.305	139	44490	32.441	ng/ul#	61
26) 2,4-Dimethylphenol	10.323	107	88104	25.340	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.587	93	90658	29.083	ng/ul	96
29) 2,4-Dichlorophenol	10.822	162	79610	36.388	ng/ul	96
30) Naphthalene	11.251	128	275278	32.572	ng/ul#	96
32) 4-Chloroaniline	11.369	127	93155	27.493	ng/ul	88
33) Hexachlorobutadiene	11.480	225	55150	35.839	ng/ul	97
34) Caprolactam	12.138	113	30056m	39.390	ng/ul	
35) 4-Chloro-3-methylphenol	12.438	107	107108	36.148	ng/ul	88

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059652.D
Acq On : 5 Nov 2023 12:18
Operator : MA/JU
Sample : PB156685BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 06 02:00:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS685

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.832	142	217262	35.279	ng/ul	97
37) 1-Methylnaphthalene	13.049	142	208311	33.120	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.172	216	102741	36.084	ng/ul	98
40) Hexachlorocyclopentadiene	13.125	237	59755	29.148	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.407	196	71559	38.668	ng/ul	94
42) 2,4,5-Trichlorophenol	13.484	196	76604	37.482	ng/ul#	78
43) 1,1'-Biphenyl	13.819	154	300532	34.495	ng/ul#	95
44) 2-Chloronaphthalene	13.871	162	219458	33.815	ng/ul	93
45) 2-Nitroaniline	14.083	65	70776	43.512	ng/ul	90
47) Dimethylphthalate	14.424	163	298003	35.796	ng/ul	97
48) 2,6-Dinitrotoluene	14.565	165	56745	37.824	ng/ul#	91
50) Acenaphthylene	14.712	152	376706	34.232	ng/ul	98
51) 3-Nitroaniline	14.900	138	65867	39.898	ng/ul#	77
52) Acenaphthene	15.047	153	250617	34.544	ng/ul	97
53) 2,4-Dinitrophenol	15.099	184	39304	37.211	ng/ul#	67
55) 4-Nitrophenol	15.170	109	103038	40.134	ng/ul	94
56) Dibenzofuran	15.376	168	339468	34.477	ng/ul	95
57) 2,4-Dinitrotoluene	15.340	165	84737	37.793	ng/ul#	67
58) 2,3,4,6-Tetrachlorophenol	15.581	232	67074	37.916	ng/ul#	92
59) Diethylphthalate	15.769	149	321970	36.766	ng/ul	98
61) Fluorene	16.022	166	297268	35.175	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.010	204	146495	35.629	ng/ul	94
63) 4-Nitroaniline	16.069	138	54951	34.425	ng/ul#	61
66) 4,6-Dinitro-2-methylph...	16.087	198	54343	38.908	ng/ul#	85
67) N-Nitrosodiphenylamine	16.222	169	254542	34.148	ng/ul	96
68) 4-Bromophenyl-phenylether	16.903	248	94412	39.286	ng/ul	95
69) Hexachlorobenzene	16.997	284	96360	42.824	ng/ul#	88
70) Atrazine	17.156	200	71306	27.933	ng/ul#	92
71) Pentachlorophenol	17.350	266	61290	39.047	ng/ul	92
72) Phenanthrene	17.779	178	473635	35.562	ng/ul	95
74) Anthracene	17.867	178	458204	32.567	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.777	216	102443	36.846	ng/uL#	75
76) Pentachlorobenzene	15.270	250	101382	36.070	ng/uL	93
77) Carbazole	18.143	167	411561	33.986	ng/ul	98
78) Di-n-butylphthalate	18.648	149	496170	36.196	ng/ul#	97
80) Fluoranthene	19.765	202	684359	35.020	ng/ul#	92
82) Pyrene	20.129	202	695747	35.377	ng/ul#	94
83) Butylbenzylphthalate	20.993	149	280212	38.012	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.956	252	224503	36.456	ng/ul#	96
85) Benzo(a)anthracene	22.044	228	673091	34.475	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.880	149	387508	35.204	ng/ul#	97
87) Chrysene	22.121	228	623690	35.185	ng/ul	96
89) Di-n-octyl phthalate	23.225	149	662413	43.351	ng/ul	100
90) Benzo(b)fluoranthene	24.500	252	736959	39.053	ng/ul	93
91) Benzo(k)fluoranthene	24.582	252	695825	36.151	ng/ul#	92
93) Benzo(a)pyrene	25.493	252	642481	35.216	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.841	276	848459m	36.367	ng/ul	
95) Dibenzo(a,h)anthracene	29.941	278	703260	36.330	ng/ul	97
96) Benzo(g,h,i)perylene	31.175	276	660688m	36.072	ng/ul	

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

Instrument :
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