Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 04:25:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	91897	20.000	ng/ul	0.00
20) Naphthalene-d8	11.205	136	484491	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.988	164	292597	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	627637m	20.000	ng/ul	0.00
79) Chrysene-d12	22.074	240	500975	20.000	ng/ul	0.00
88) Perylene-d12	25.670	264	574503	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	13789m	5.614	ng/uL	0.00
4) Pyridine-d5	4.089	84	106862	15.569	ng/ul	0.00
7) Phenol-d5	7.462	99	163532	17.317	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	72470	16.708	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	129586	16.915	ng/ul	0.00
15) 4-Methylphenol-d8	9.037	113	134150	17.906	ng/ul	0.00
21) Nitrobenzene-d5	9.554	128	62814	18.234	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	64574	18.259	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.799	165	163055m	20.927	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	250773	19.551	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	477974	18.031	ng/ul	-0.01
49) Acenaphthylene-d8	14.689	160	588991	18.933	ng/ul	0.00
54) 4-Nitrophenol-d4	15.147	143	101814	22.397	ng/ul	0.00
60) Fluorene-d10	15.975	176	428636	18.920	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.075	200	70325	23.660	ng/ul	0.00
73) Anthracene-d10	17.832	188	654777	19.256	ng/ul	-0.01
81) Pyrene-d10	20.106	212	678946	19.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.423	264	629239	18.600	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	16647m	6.055	ng/uL	
5) Pyridine	4.113	79	109488	16.172	ng/ul	88
6) Benzaldehyde	7.503	77	81527	19.167	ng/ul	91
8) Phenol	7.497	94	153317	17.221	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.767	93	108544	16.626	ng/ul	93
12) 2-Chlorophenol	7.903	128	131627	17.330	ng/ul	94
13) 2-Methylphenol	8.772	108	129314	17.424	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.860	45	88924m	14.474	ng/ul	
16) Acetophenone	9.201	105	198321	16.793	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.166	70	86115	15.475	ng/ul#	90
18) 4-Methylphenol	9.101	108	130932	16.581	ng/ul	89
19) Hexachloroethane	9.448	117	51580	17.099	ng/ul#	92
22) Nitrobenzene	9.601	77	136026	18.294	ng/ul	99
23) Isophorone	10.106	82	254326	13.582	ng/ul	94
25) 2-Nitrophenol	10.306	139	90837	23.883	ng/ul#	81
26) 2,4-Dimethylphenol	10.329	107	186210	18.613	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.588	93	184433	17.689	ng/ul	98
29) 2,4-Dichlorophenol	10.829	162	150084	19.910	ng/ul#	89
30) Naphthalene	11.257	128	555017	18.380	ng/ul	97
32) 4-Chloroaniline	11.369	127	231387	18.991	ng/ul#	80
33) Hexachlorobutadiene	11.487	225	87573	19.365	ng/ul	97
34) Caprolactam	12.145	113	47013m	17.048	ng/ul	
35) 4-Chloro-3-methylphenol	12.433	107	181947	20.229	ng/ul	92
36) 2-Methylnaphthalene	12.838	142	375331	18.067	ng/ul	90

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Instrument :
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.049	142	383123	18.515	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.173	216	156508	18.545	ng/ul	99
40) Hexachlorocyclopentadiene	13.132	237	90051	18.305	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.414	196	117043	20.029	ng/ul	95
42) 2,4,5-Trichlorophenol	13.484	196	129890	20.531	ng/ul	96
43) 1,1'-Biphenyl	13.825	154	484395	18.300	ng/ul	94
44) 2-Chloronaphthalene	13.878	162	379208	18.433	ng/ul	95
45) 2-Nitroaniline	14.089	65	95966	25.070	ng/ul	88
47) Dimethylphthalate	14.424	163	472381	18.037	ng/ul	97
48) 2,6-Dinitrotoluene	14.565	165	93001	23.540	ng/ul#	63
50) Acenaphthylene	14.718	152	662059	18.471	ng/ul	98
51) 3-Nitroaniline	14.906	138	116192	23.595	ng/ul#	84
52) Acenaphthene	15.047	153	430798	18.438	ng/ul	99
53) 2,4-Dinitrophenol	15.094	184	50094	22.316	ng/ul#	74
55) 4-Nitrophenol	15.165	109	114369	22.829	ng/ul	92
56) Dibenzofuran	15.382	168	564801	18.646	ng/ul	97
57) 2,4-Dinitrotoluene	15.341	165	135684	24.416	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.588	232	100236	20.186	ng/ul#	85
59) Diethylphthalate	15.770	149	531787	18.614	ng/ul	97
61) Fluorene	16.028	166	482483	18.451	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	16.011	204	214382	19.183	ng/ul	93
63) 4-Nitroaniline	16.064	138	119818	22.927	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	16.093	198	71642	22.870	ng/ul	96
67) N-Nitrosodiphenylamine	16.228	169	405857	18.925	ng/ul	96
68) 4-Bromophenyl-phenylether	16.910	248	118041	18.795	ng/ul	90
69) Hexachlorobenzene	16.998	284	147651	20.342	ng/ul	98
70) Atrazine	17.162	200	137338	20.666	ng/ul	89
71) Pentachlorophenol	17.356	266	93918	22.649	ng/ul	95
72) Phenanthrene	17.779	178	765074m	18.751	ng/ul	
74) Anthracene	17.873	178	787709	19.120	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.784	216	166119	19.875	ng/uL	86
76) Pentachlorobenzene	15.270	250	161835	20.405	ng/uL	99
77) Carbazole	18.143	167	715997	20.231	ng/ul	97
78) Di-n-butylphthalate	18.655	149	927965	19.083	ng/ul	99
80) Fluoranthene	19.771	202	819043	19.295	ng/ul#	96
82) Pyrene	20.135	202	837776	19.001	ng/ul	98
83) Butylbenzylphthalate	20.999	149	404337	20.306	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.957	252	279713	21.471	ng/ul	97
85) Benzo(a)anthracene	22.051	228	776089	18.825	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.892	149	585860	19.718	ng/ul#	98
87) Chrysene	22.121	228	717912	18.720	ng/ul	98
89) Di-n-octyl phthalate	23.243	149	999359	19.868	ng/ul	100
90) Benzo(b)fluoranthene	24.507	252	766817	18.414	ng/ul#	95
91) Benzo(k)fluoranthene	24.589	252	772469	18.570	ng/ul	98
93) Benzo(a)pyrene	25.505	252	713616	18.131	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.847	276	933270m	18.707	ng/ul	
95) Dibenzo(a,h)anthracene	29.947	278	789841m	19.169	ng/ul	
96) Benzo(g,h,i)perylene	31.187	276	747835m	18.315	ng/ul	

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

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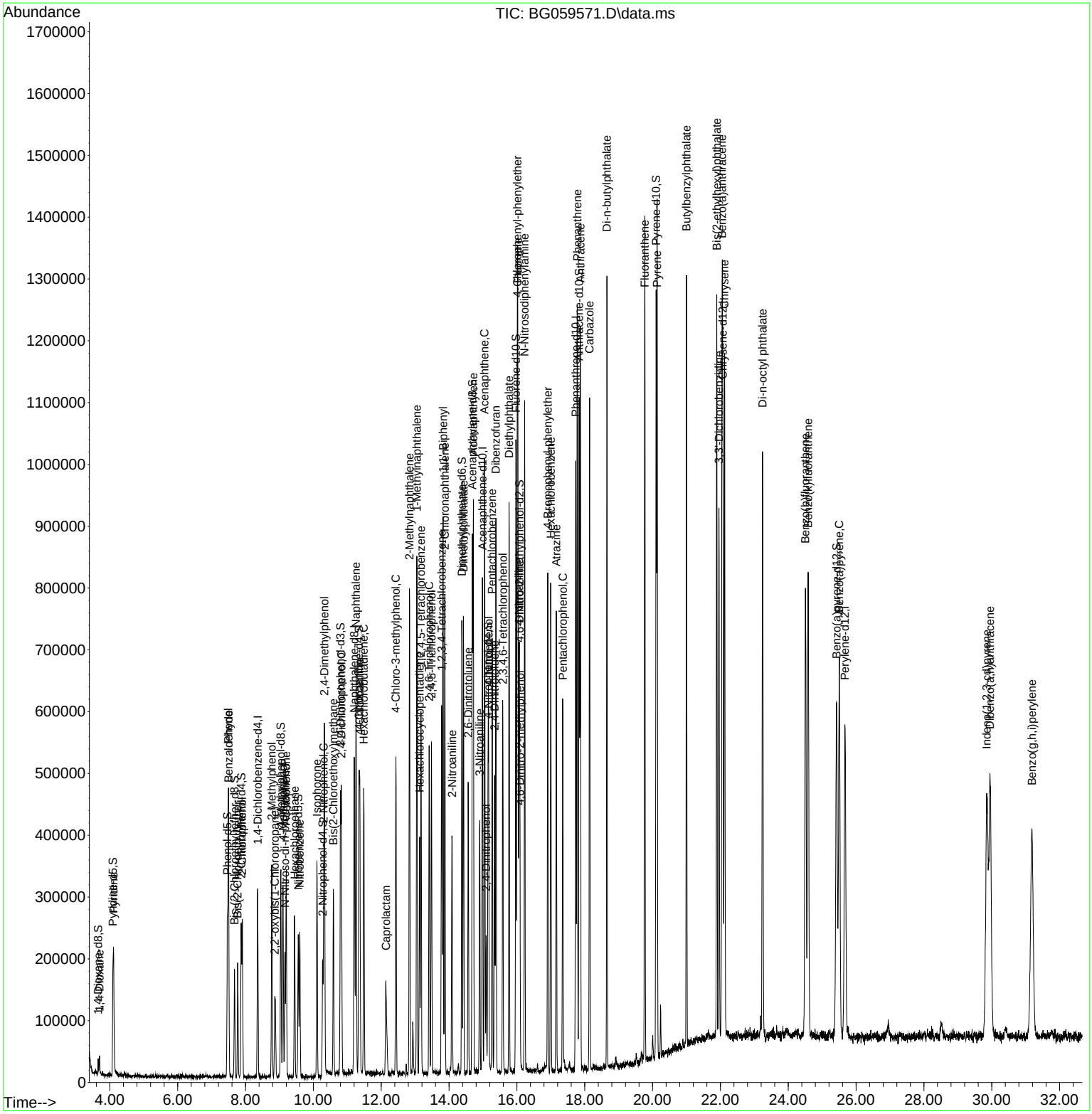
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



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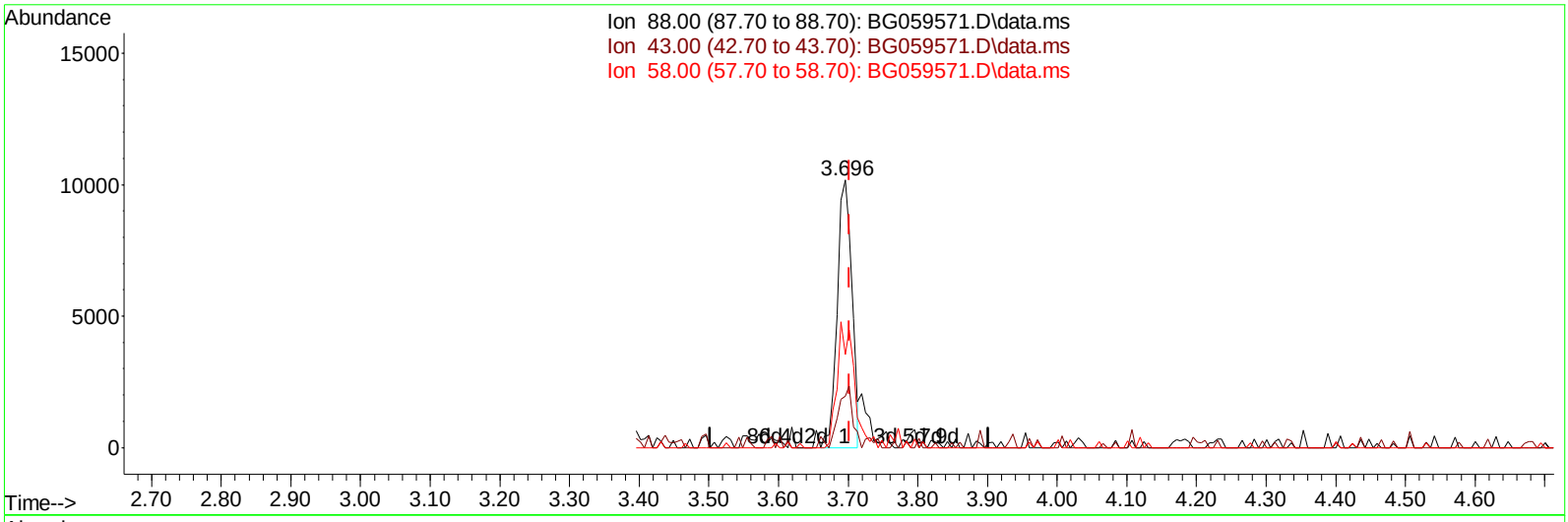

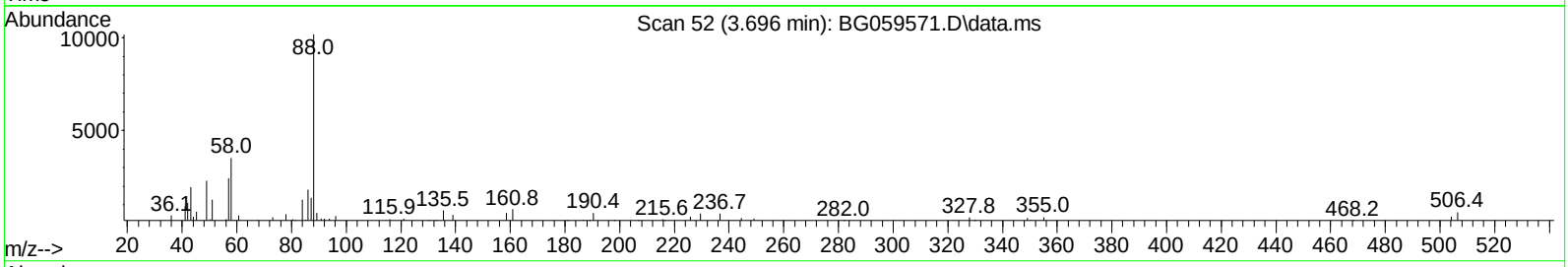

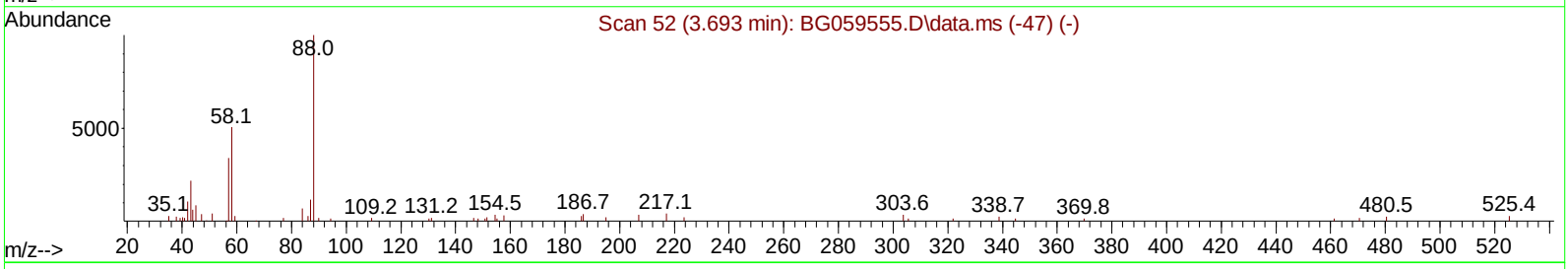

TIC: BG059571.D\data.ms

(2) 1,4-Dioxane

3.696min (-0.006) 5.45 ng/uL

response 14969

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	19.60	19.23
58.00	45.20	34.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

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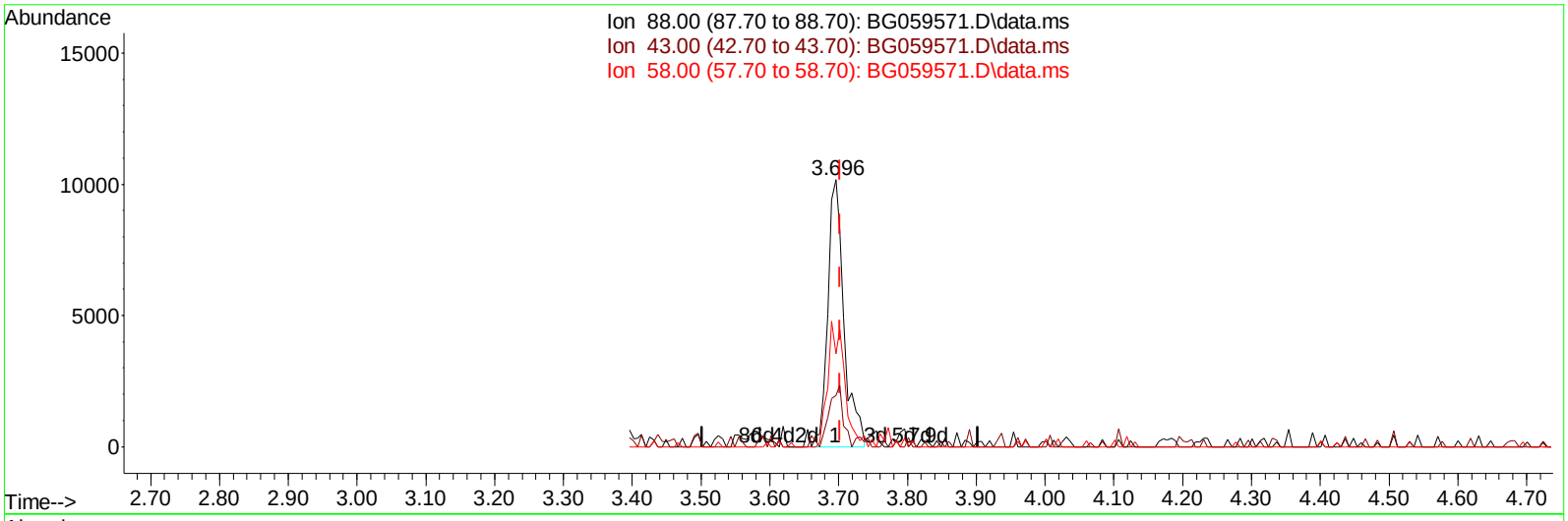

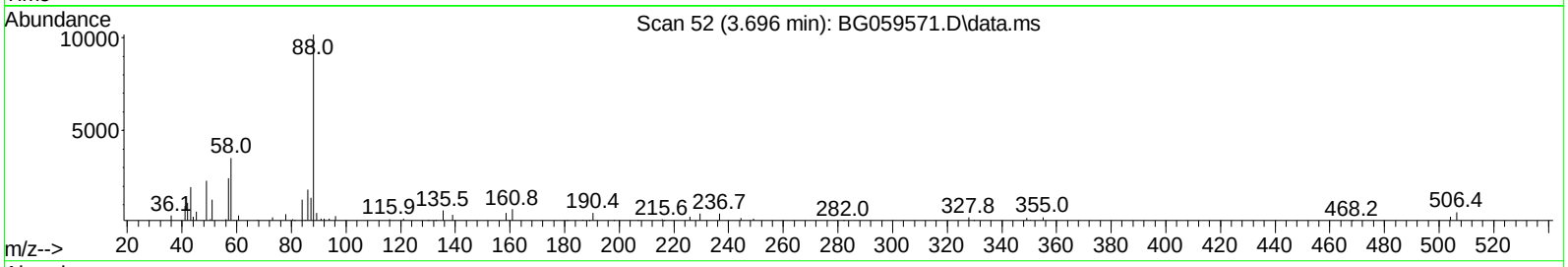

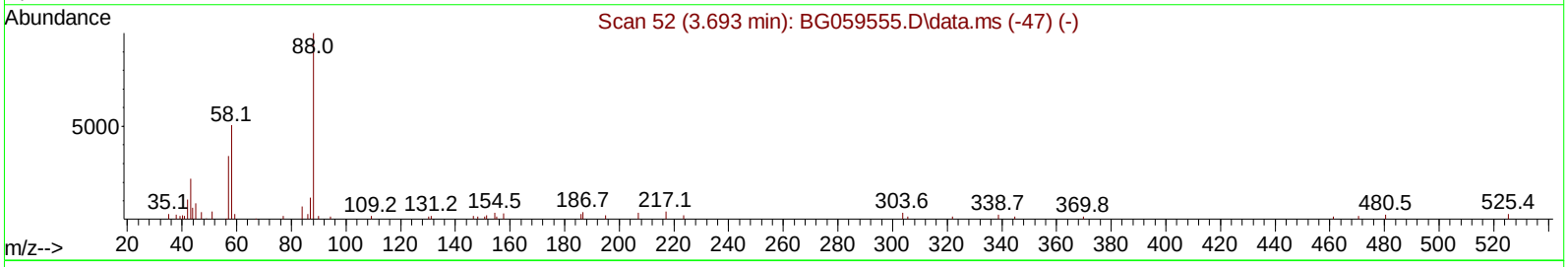

TIC: BG059571.D\data.ms

(2) 1,4-Dioxane

3.696min (-0.006) 6.06 ng/uL m

response 16647

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	19.60	19.23
58.00	45.20	34.69#
0.00	0.00	0.00

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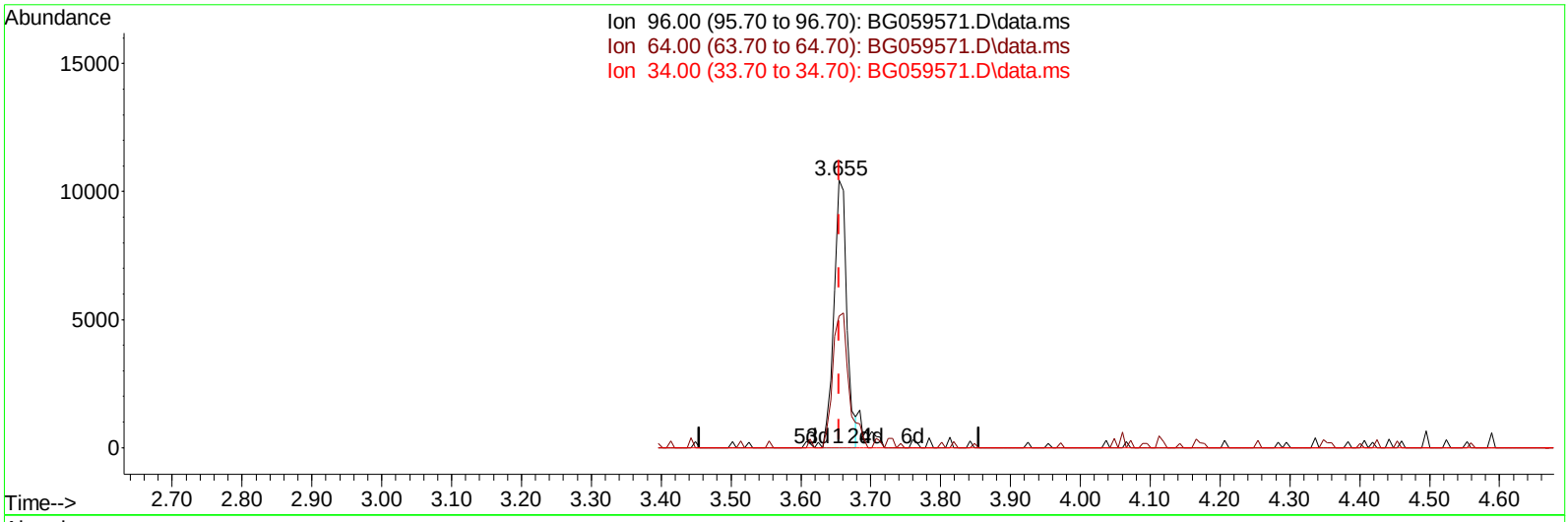

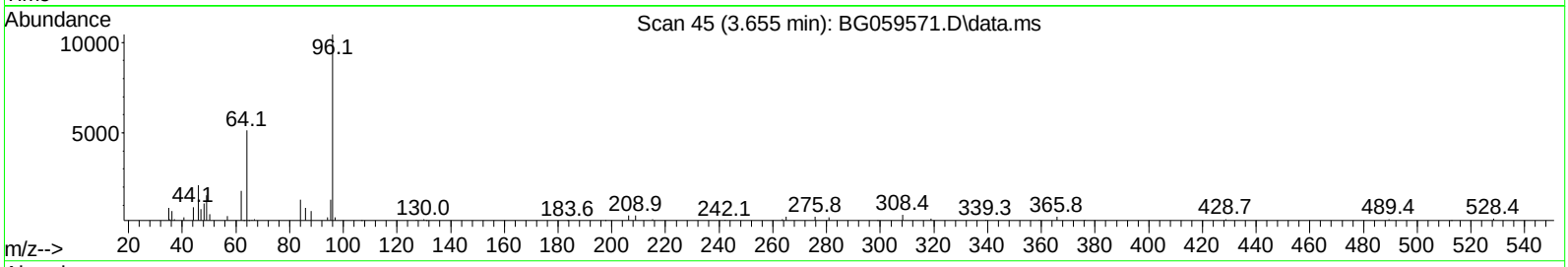

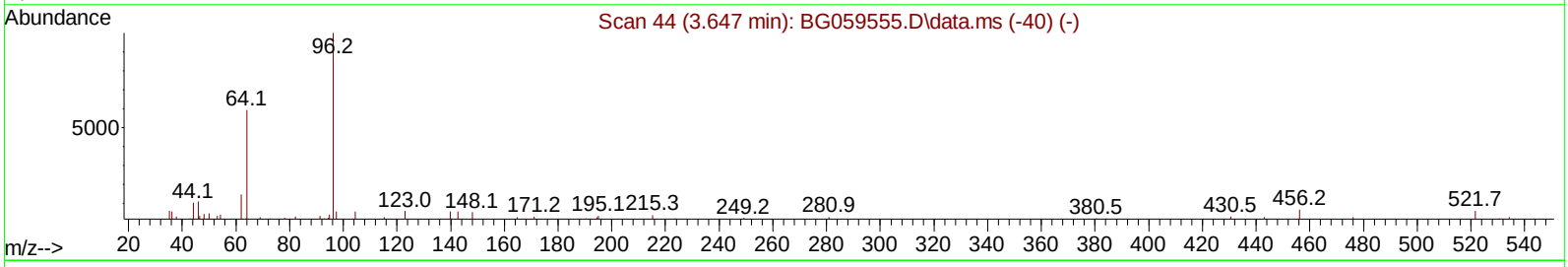

TIC: BG059571.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.655min (-0.000) 5.37 ng/uL

response 13199

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.90	49.17
34.00	0.00	0.00
0.00	0.00	0.00

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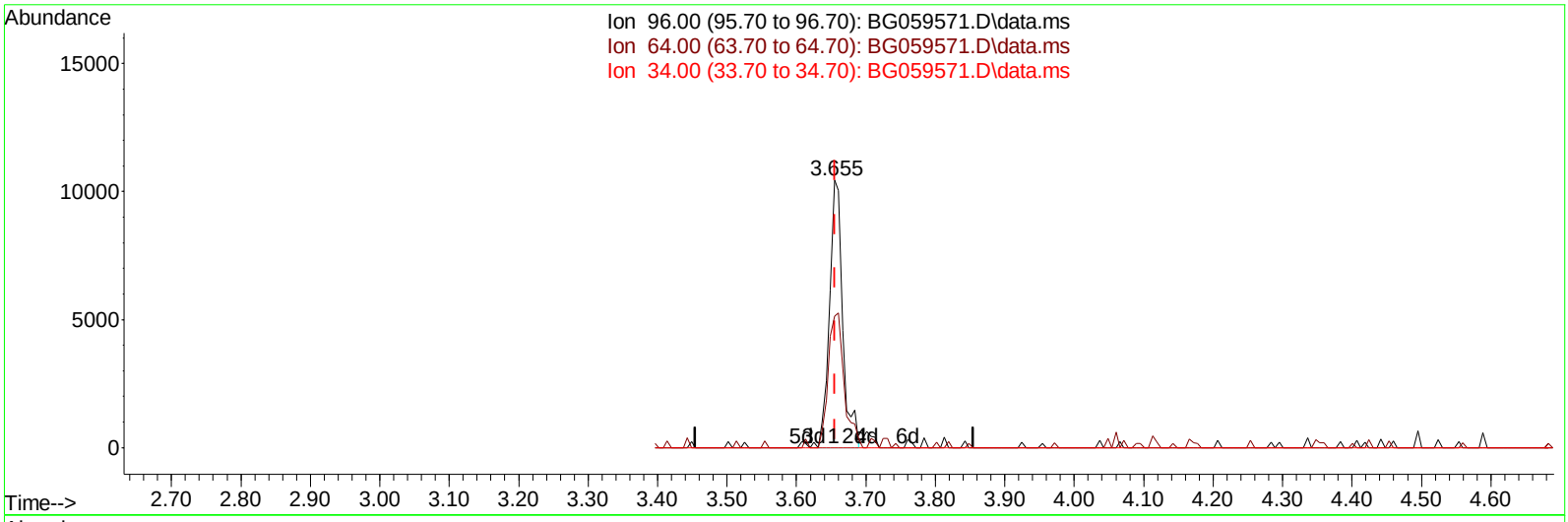

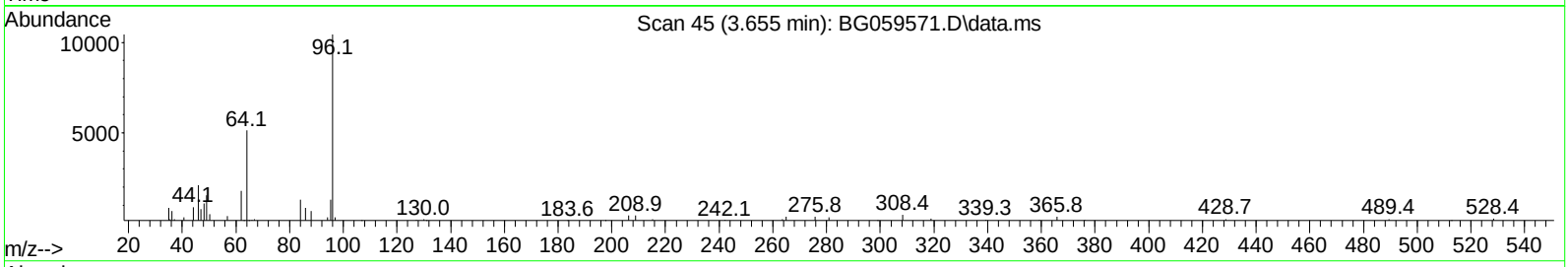

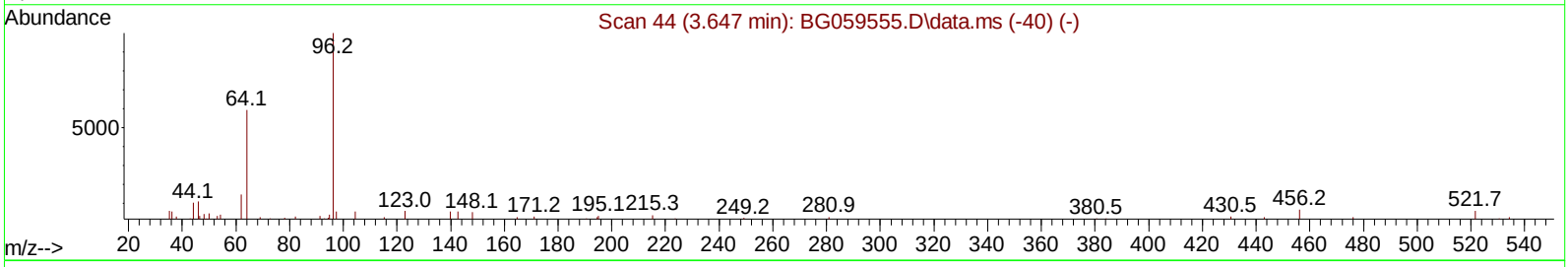

TIC: BG059571.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.655min (-0.000) 5.61 ng/uL m

response 13789

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.90	49.17
34.00	0.00	0.00
0.00	0.00	0.00

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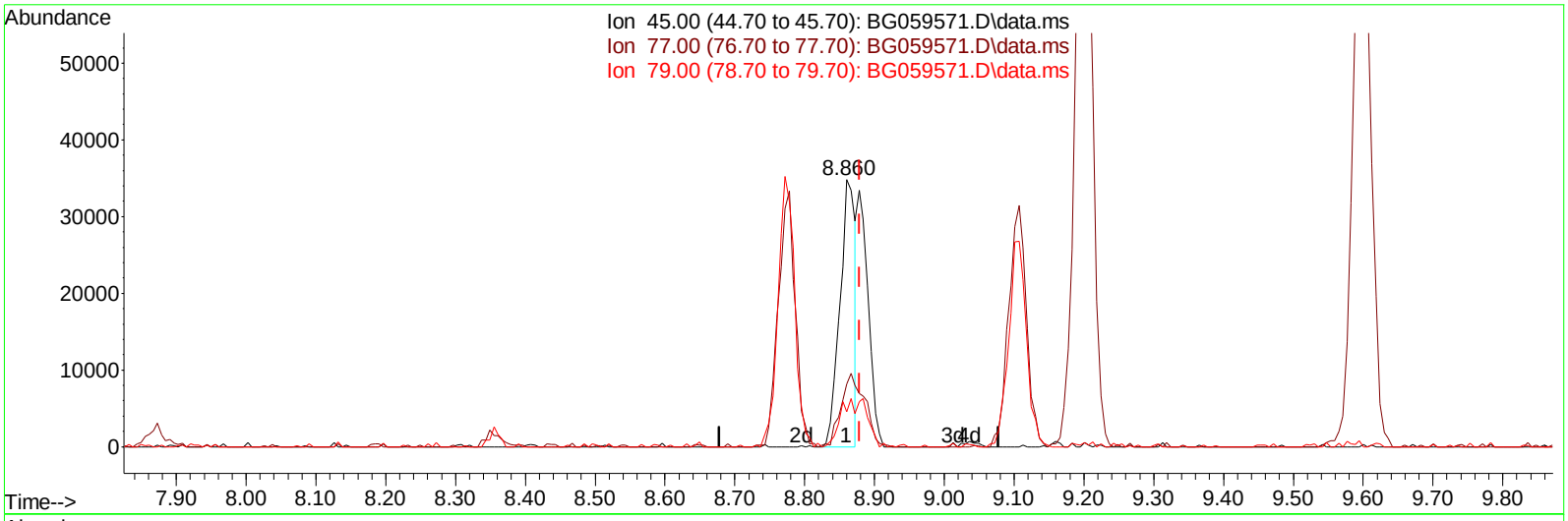

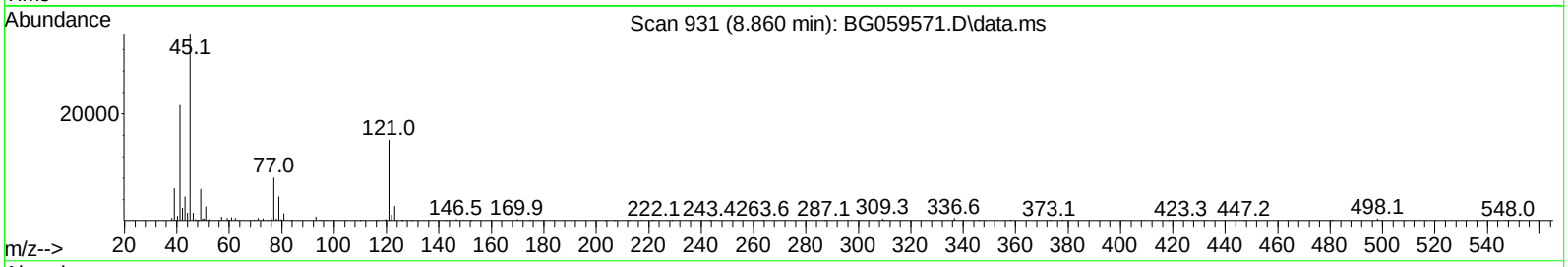

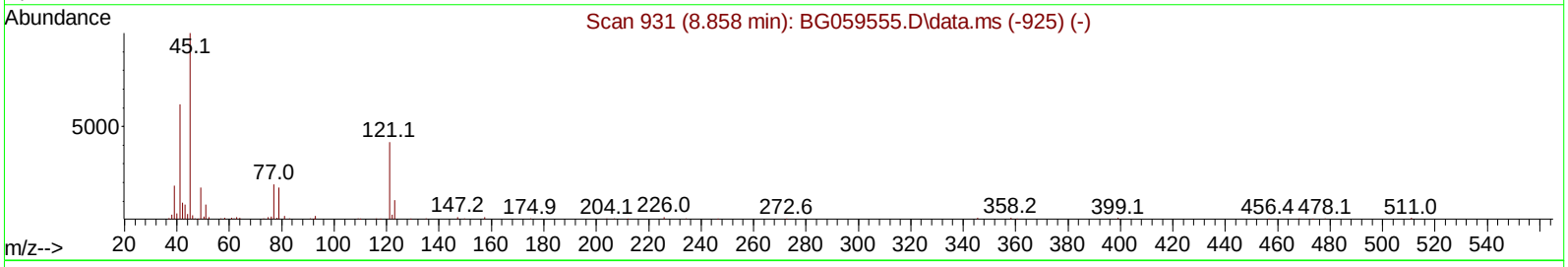

TIC: BG059571.D\data.ms

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

8.860min (-0.018) 8.59 ng/ul

response 52766

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	23.44#
79.00	12.50	13.17
0.00	0.00	0.00

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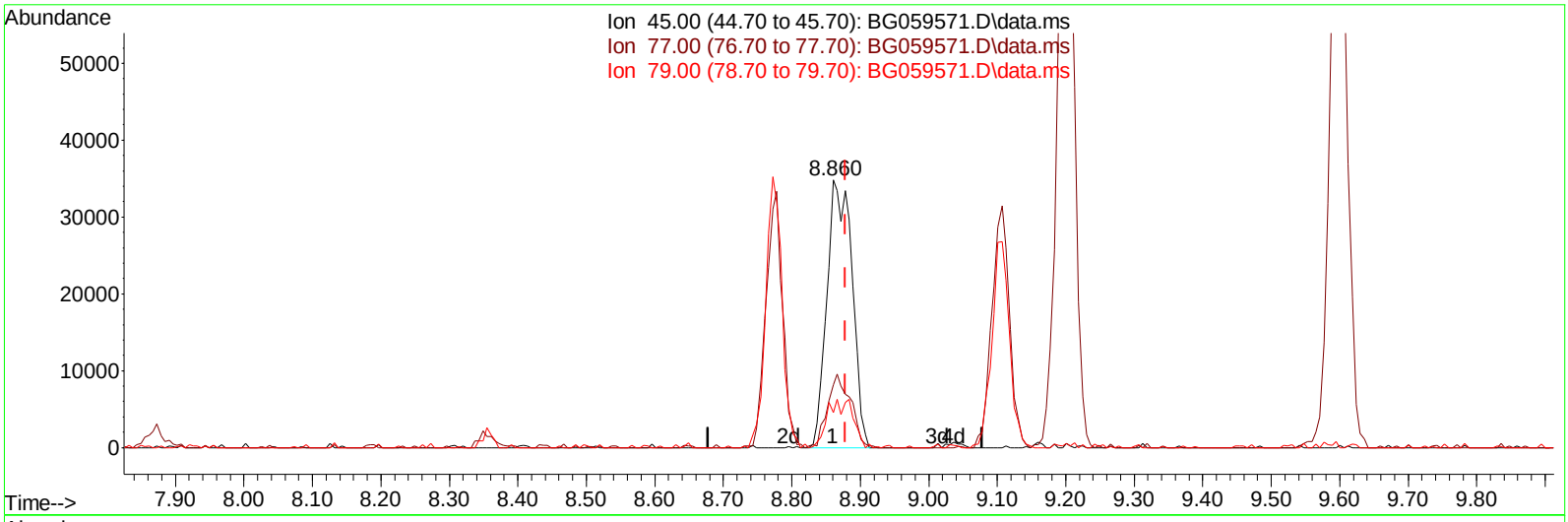
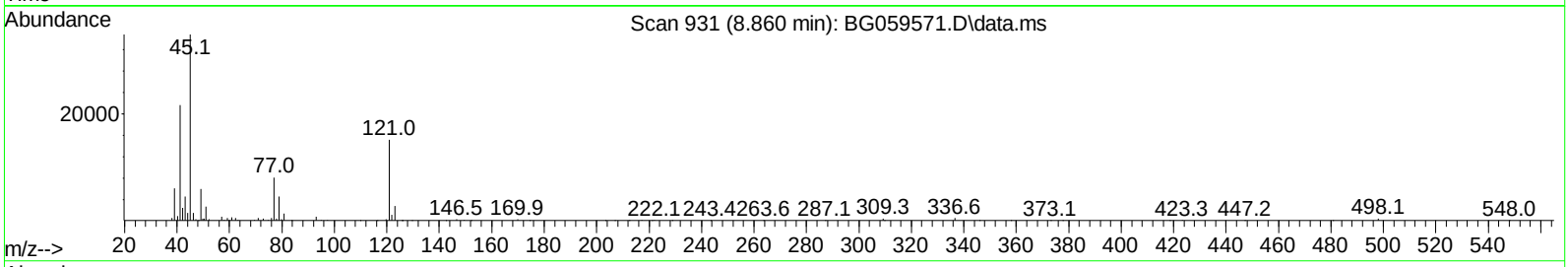
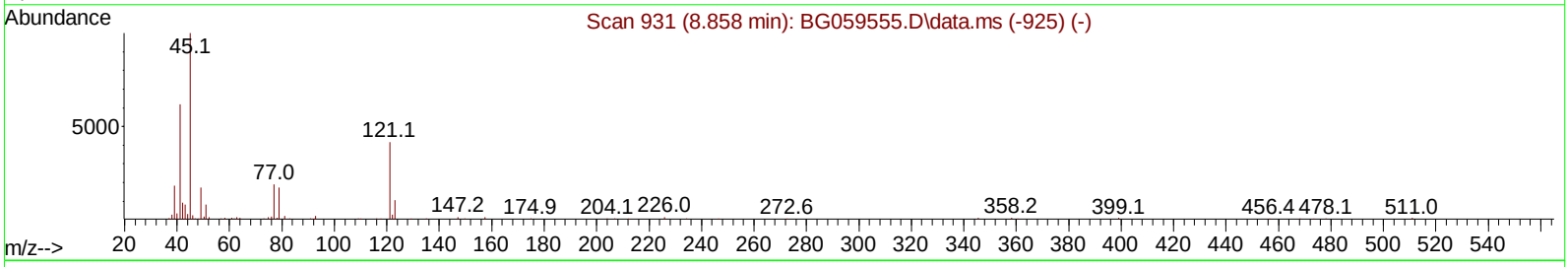
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

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

8.860min (-0.018) 14.47 ng/ul m

response 88924

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.80	23.44#
79.00	12.50	13.17
0.00	0.00	0.00

Quantitation Report (Qedit)

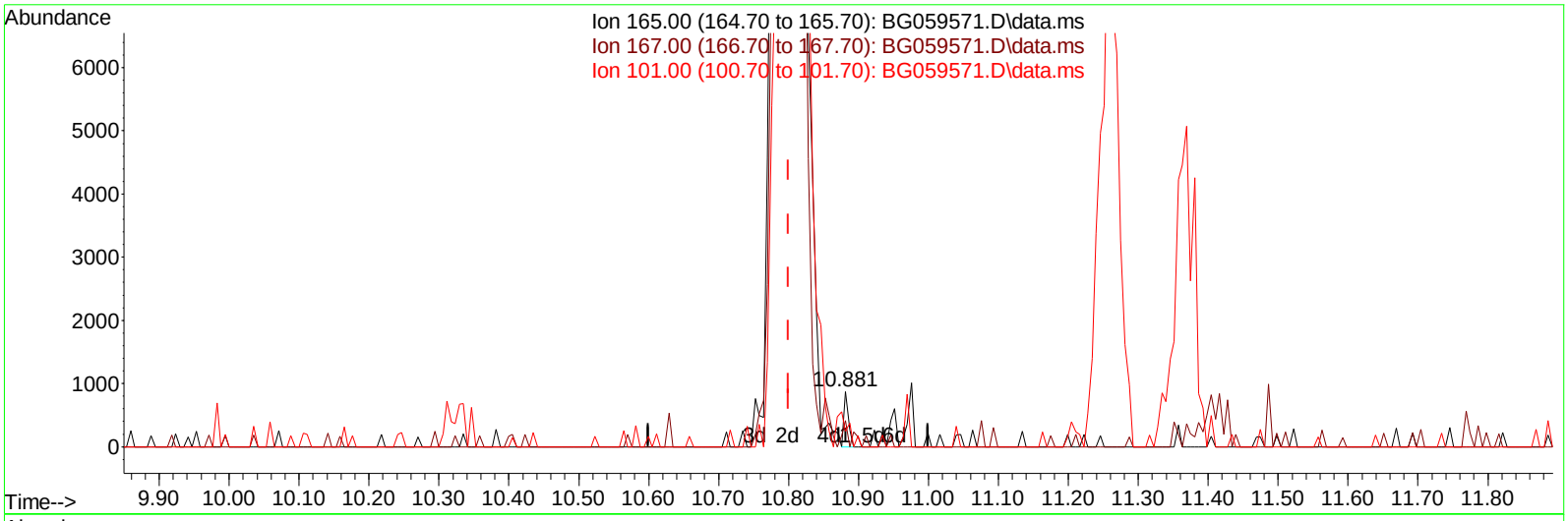
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

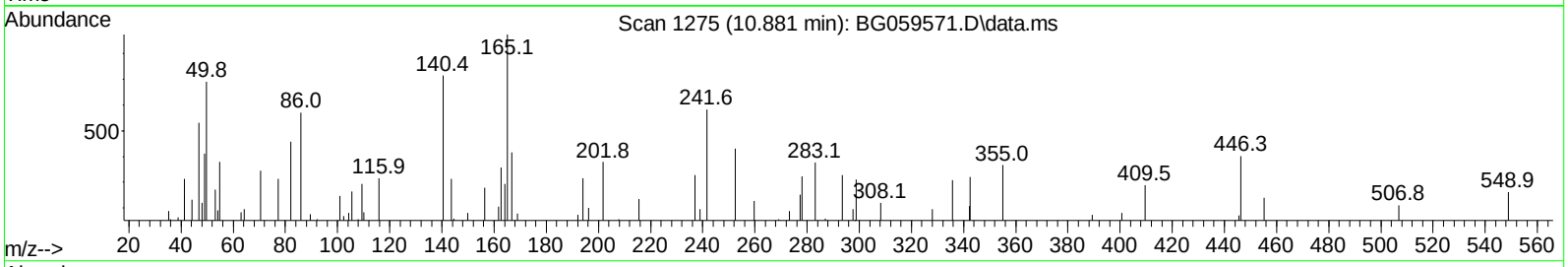
Quant Time: Nov 01 03:21:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

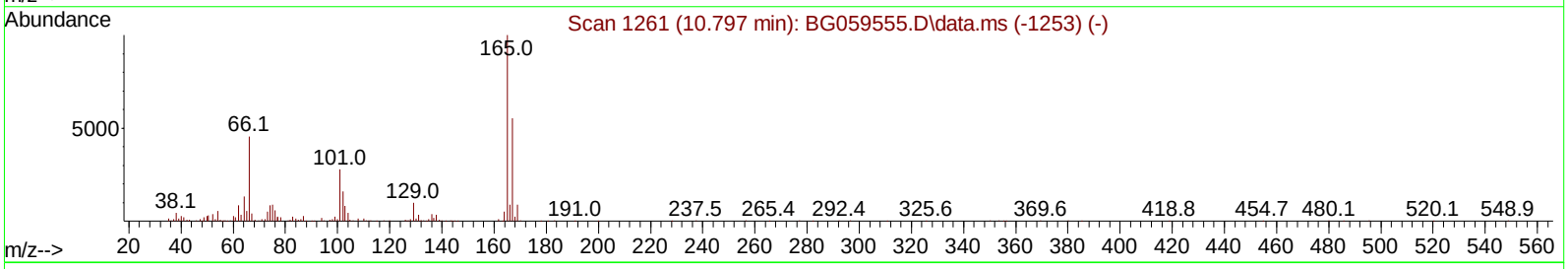
Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.881min (+ 0.082) 0.05 ng/ul

response 402

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	51.70	47.77
101.00	30.40	28.29
0.00	0.00	0.00

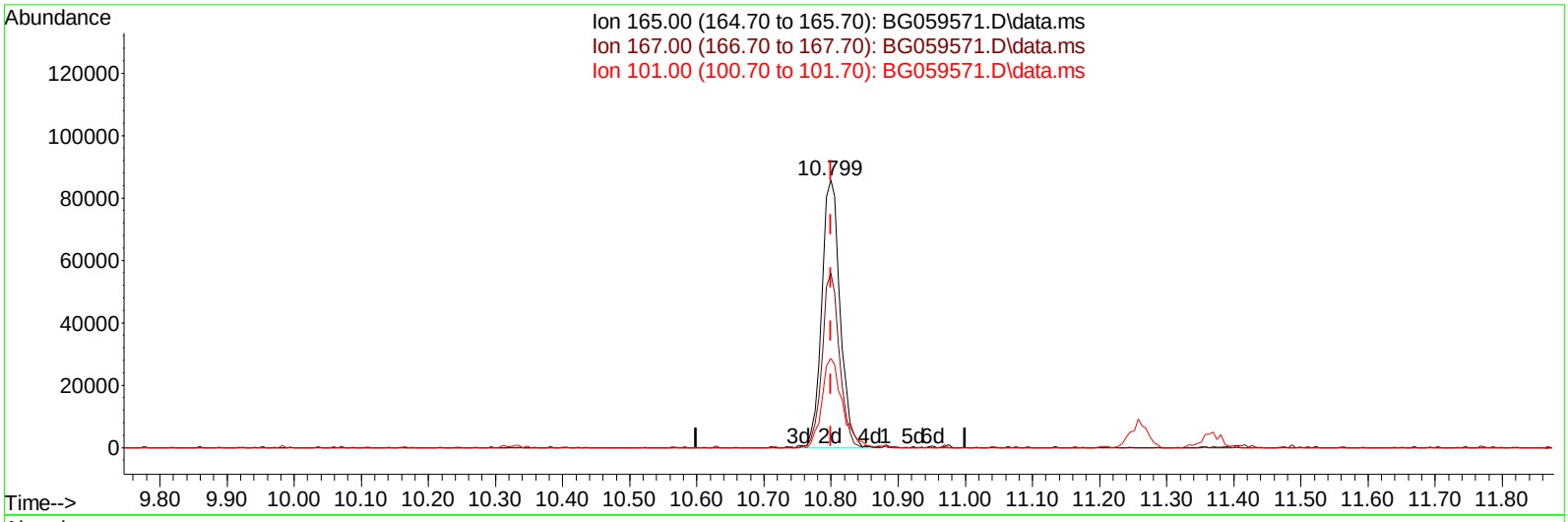
Quantitation Report (Qedit)

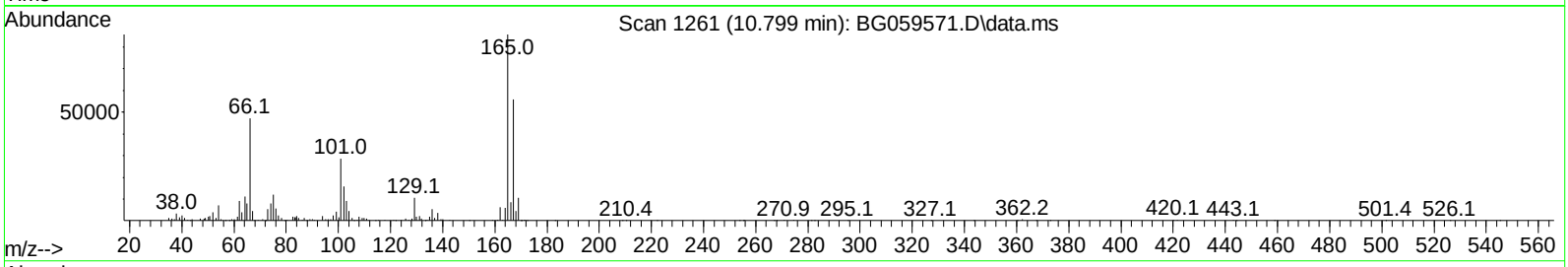
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

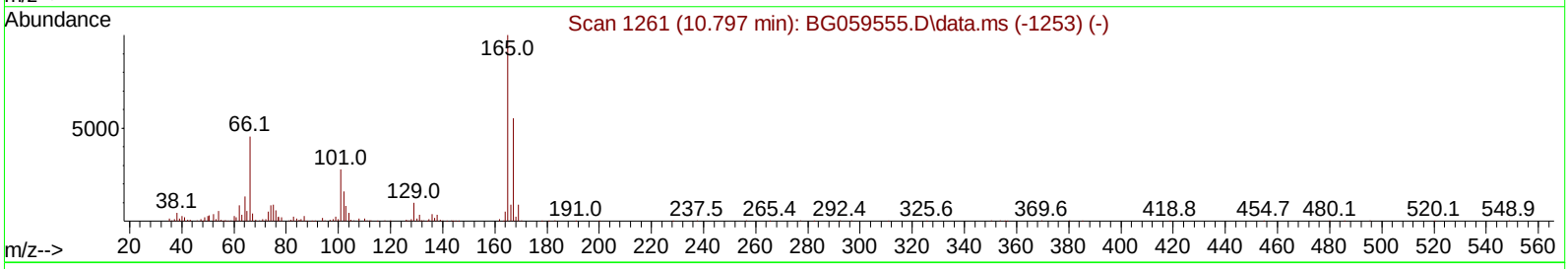
Quant Time: Nov 01 03:21:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.799min (-0.000) 20.93 ng/ul m

response 163055

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	51.70	65.15#
101.00	30.40	33.43
0.00	0.00	0.00

Quantitation Report (Qedit)

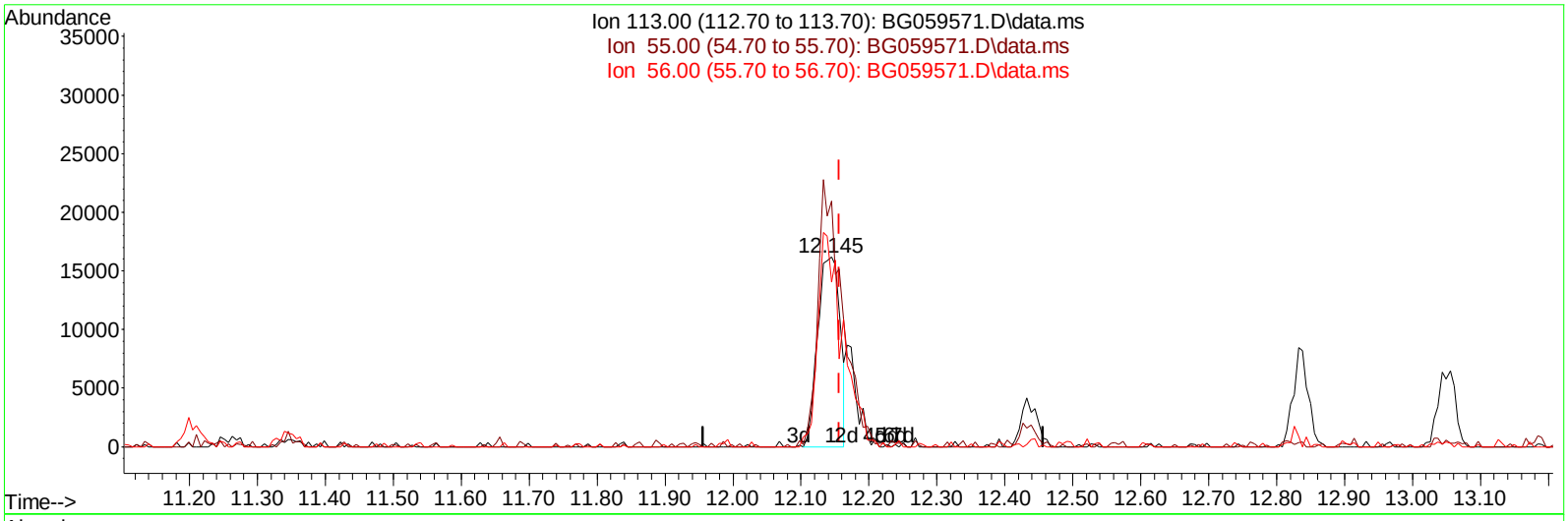
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

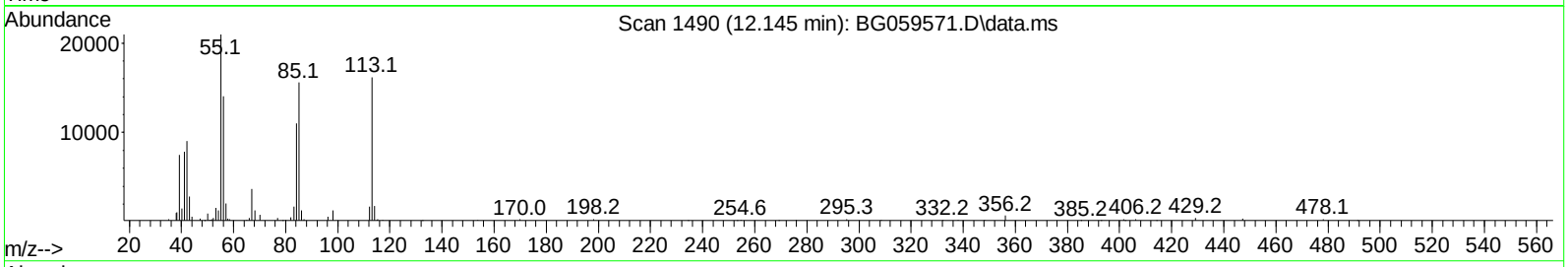
Quant Time: Nov 01 03:21:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

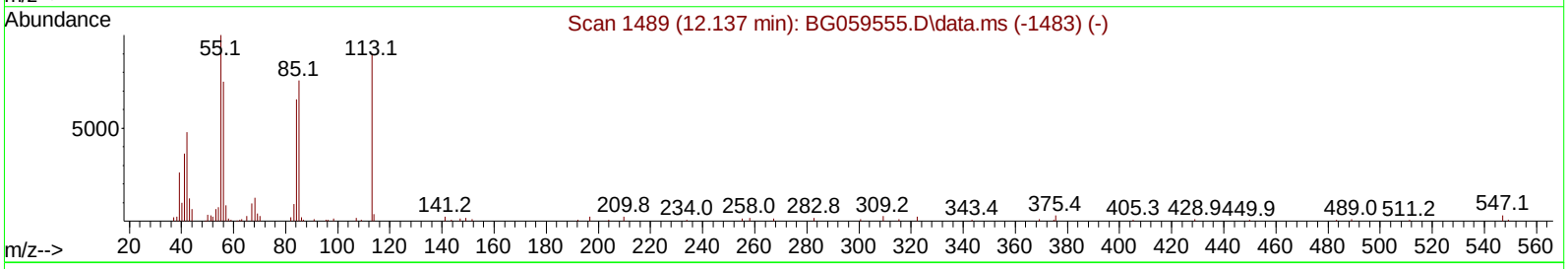
Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(34) Caprolactam

12.145min (-0.012) 13.40 ng/ul

response 36947

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	129.57
56.00	80.50	86.91
0.00	0.00	0.00

Quantitation Report (Qedit)

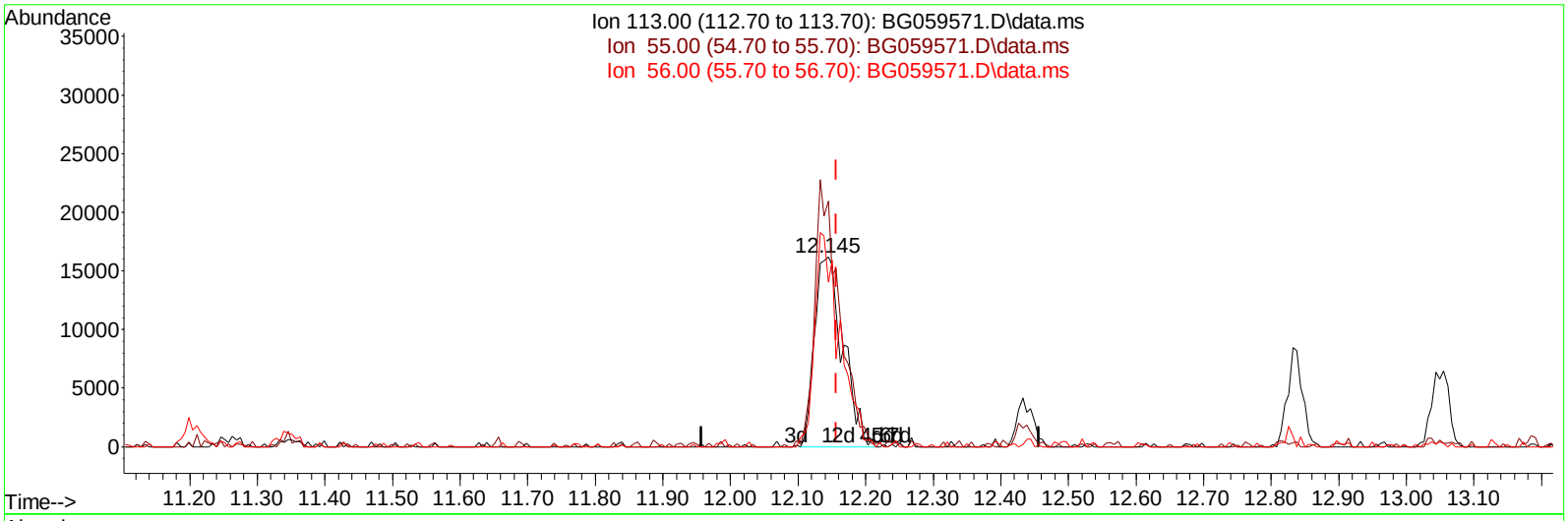
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

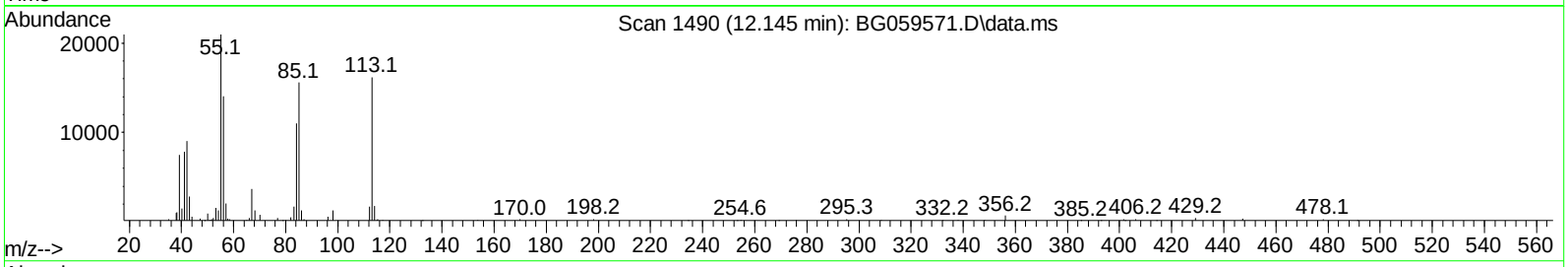
Quant Time: Nov 01 03:21:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

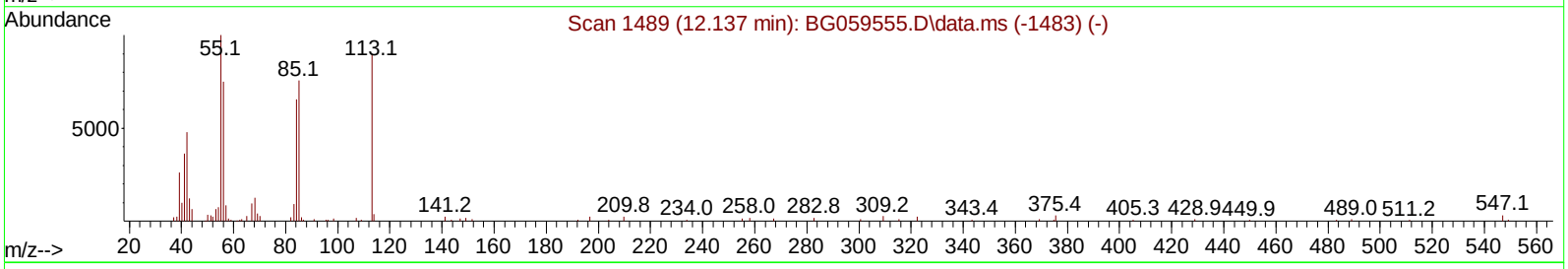
Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(34) Caprolactam

12.145min (-0.012) 17.05 ng/ul m

response 47013

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	108.60	129.57
56.00	80.50	86.91
0.00	0.00	0.00

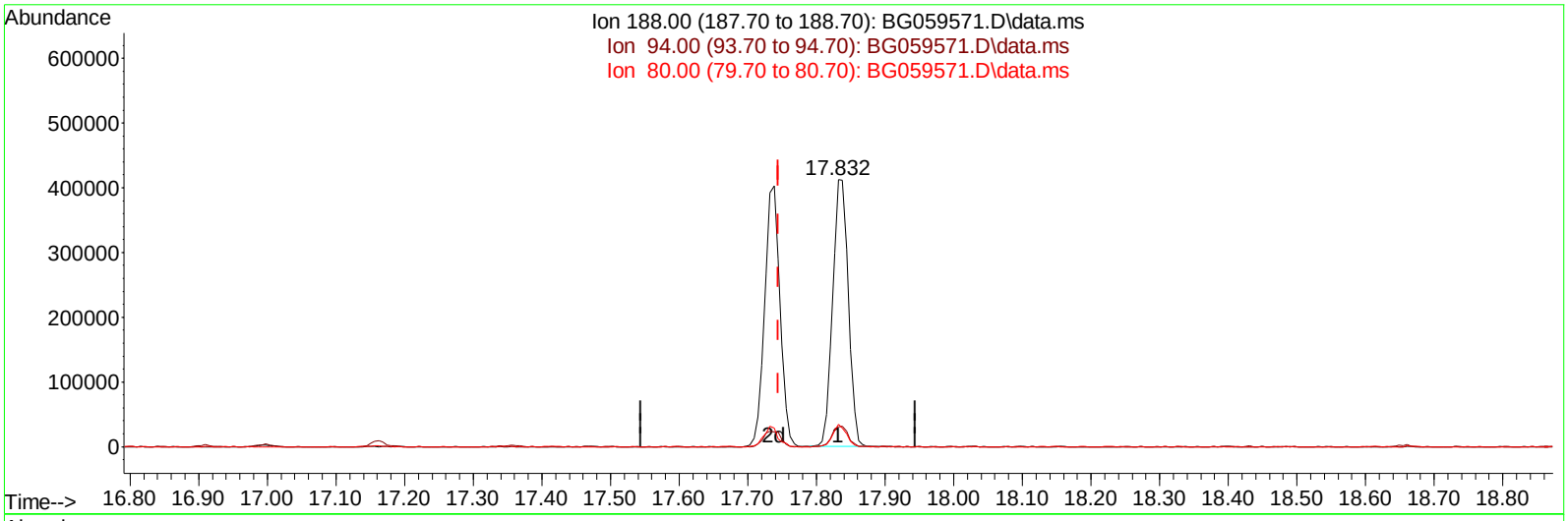
Quantitation Report (Qedit)

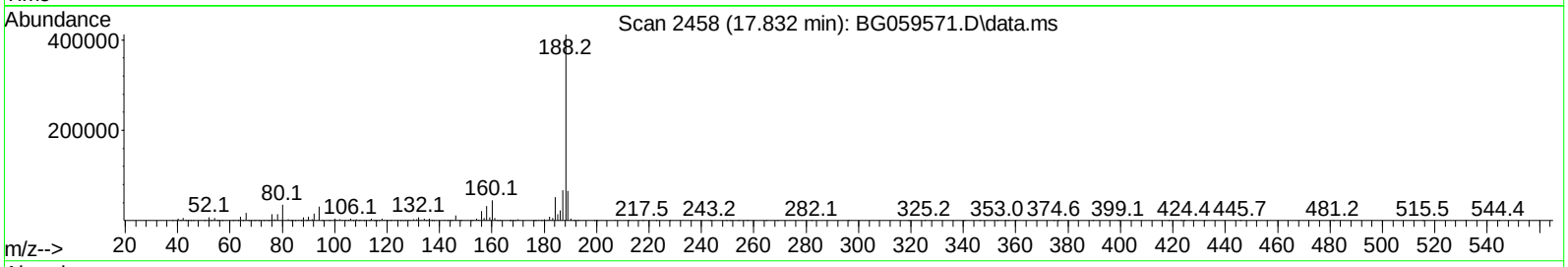
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

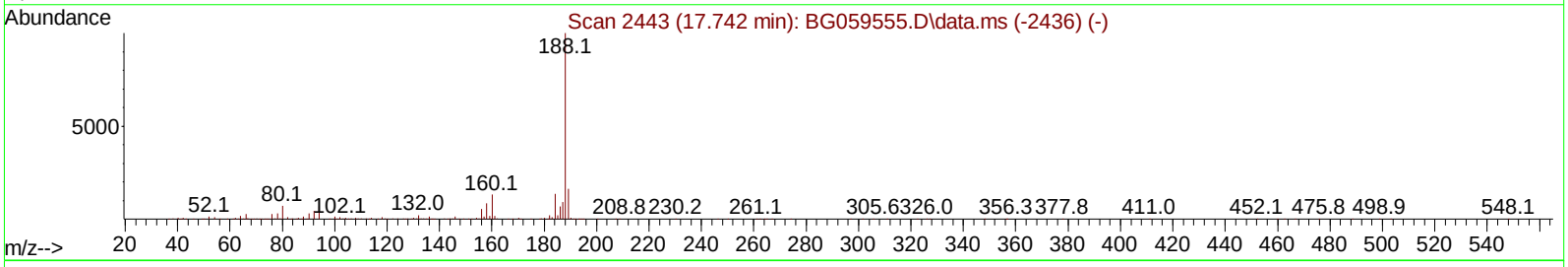
Quant Time: Nov 01 03:21:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(64) Phenanthrene-d10 (I)

17.832min (+ 0.088) 20.00 ng/ul

response 655379

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.50	7.54
80.00	7.80	8.36
0.00	0.00	0.00

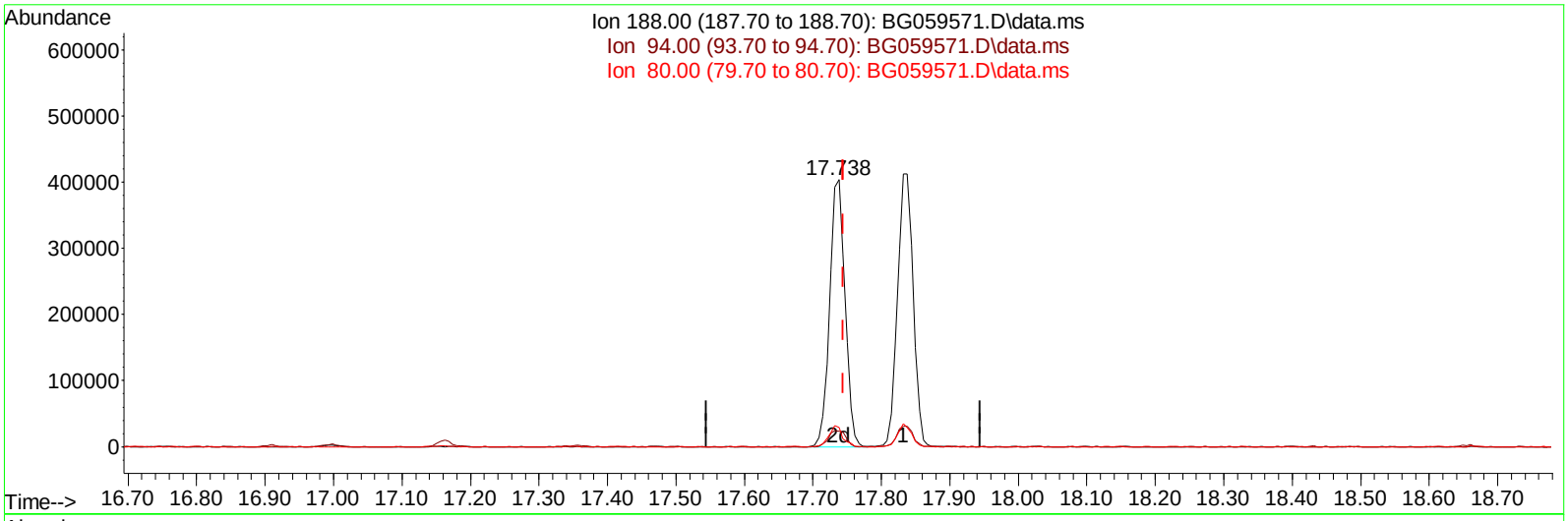
Quantitation Report (Qedit)

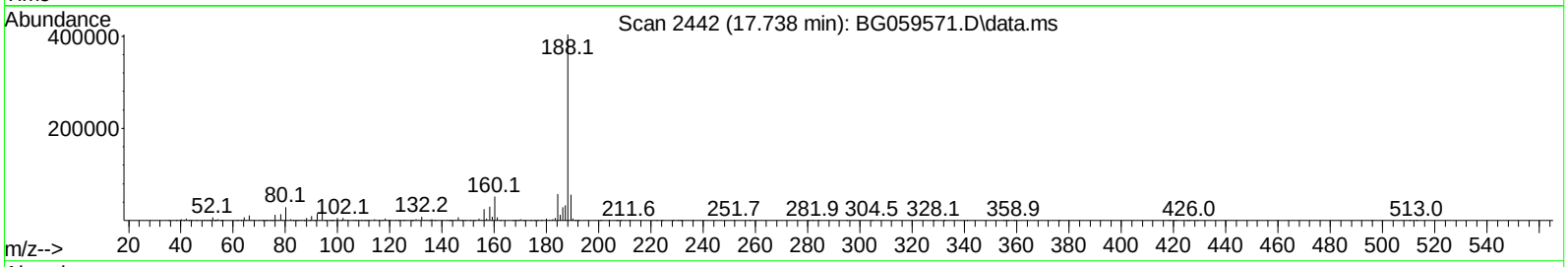
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

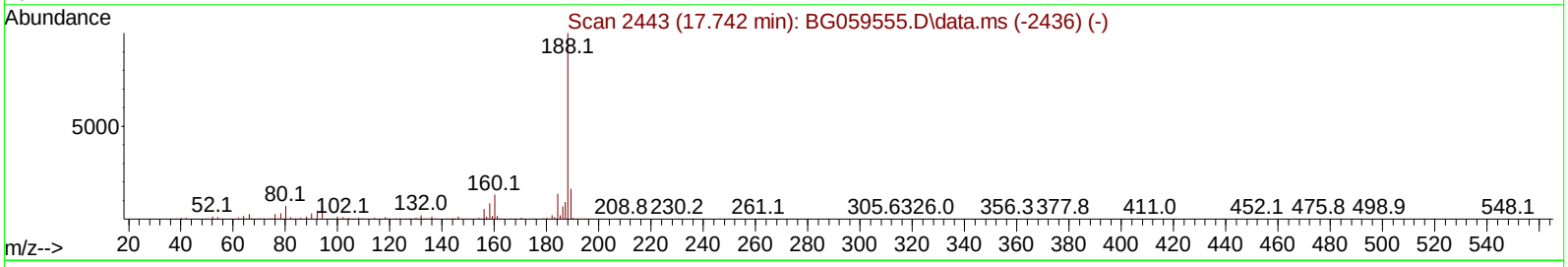
Quant Time: Nov 01 03:21:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(64) Phenanthrene-d10 (I)

17.738min (-0.006) 20.00 ng/ul m

response 627637

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.50	5.73#
80.00	7.80	7.20
0.00	0.00	0.00

Quantitation Report (Qedit)

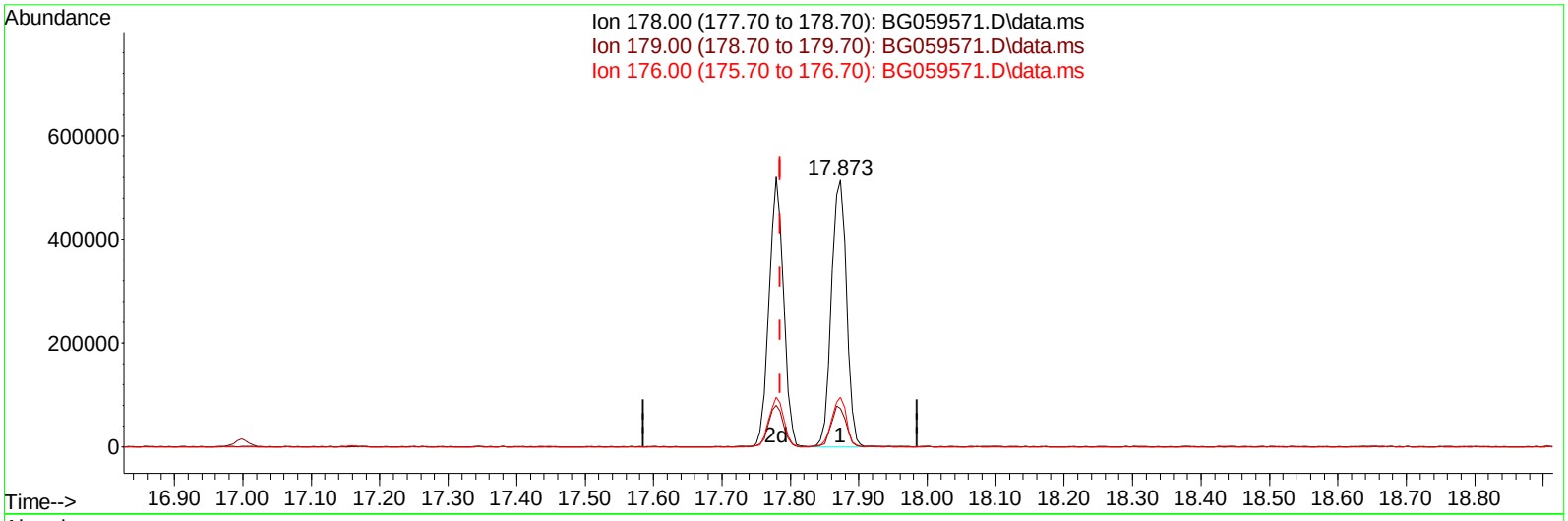
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

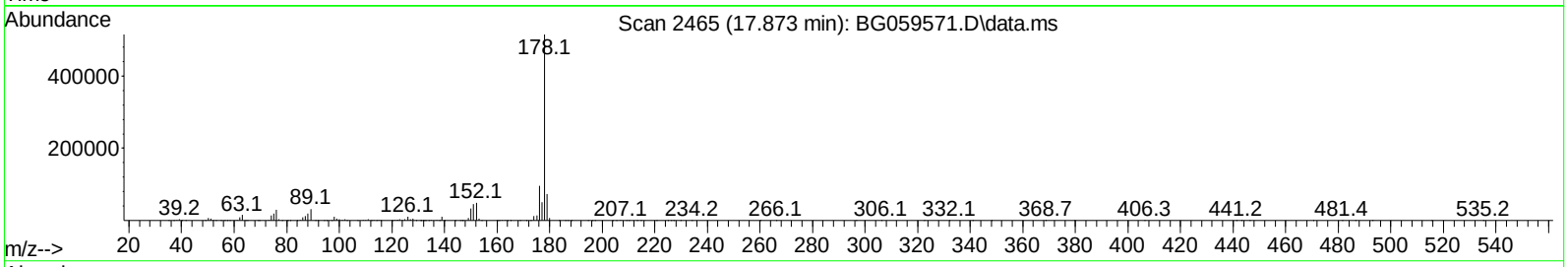
Quant Time: Nov 01 04:24:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

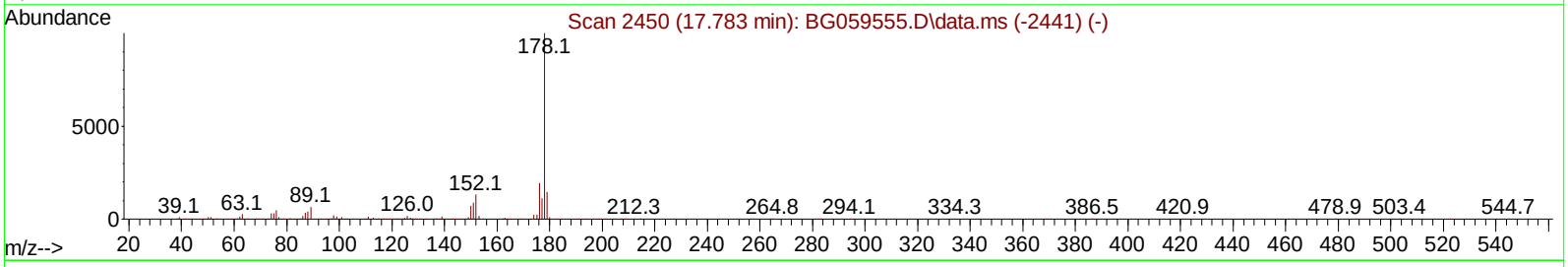
Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(72) Phenanthrene

17.873min (+ 0.088) 19.31 ng/ul

response 787709

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.10	14.34
176.00	19.20	18.52
0.00	0.00	0.00

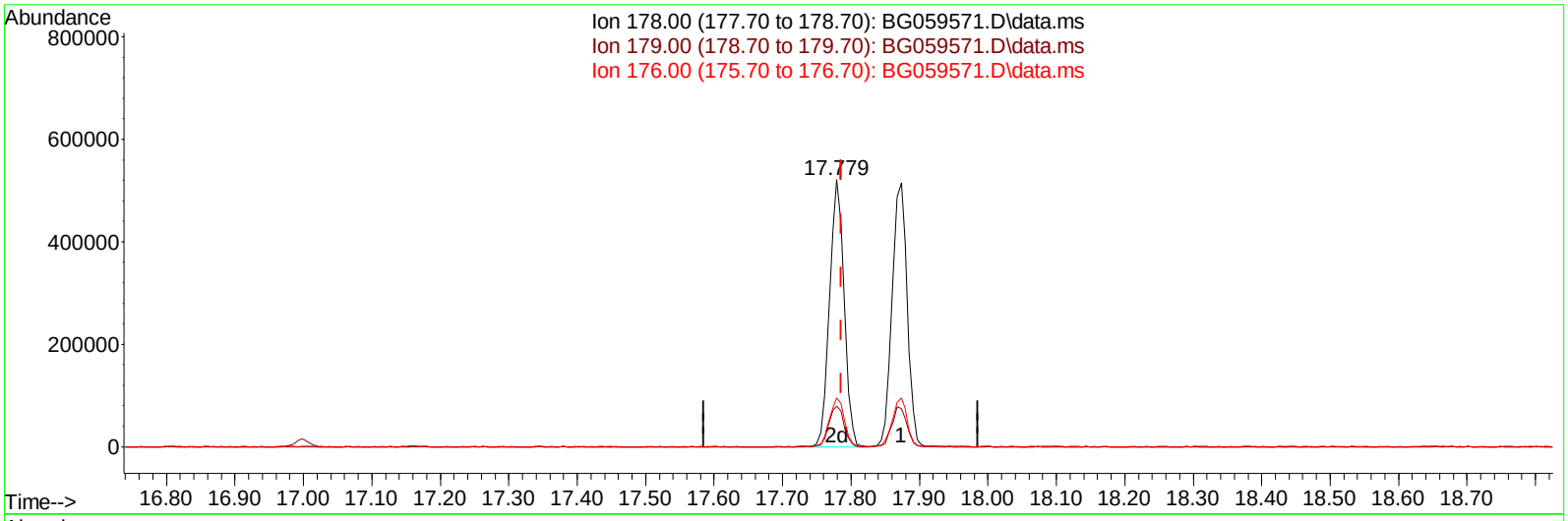
Quantitation Report (Qedit)

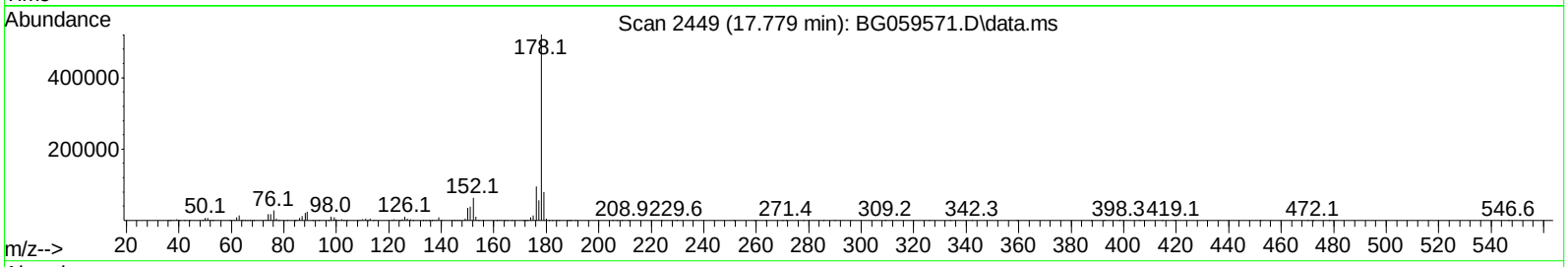
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

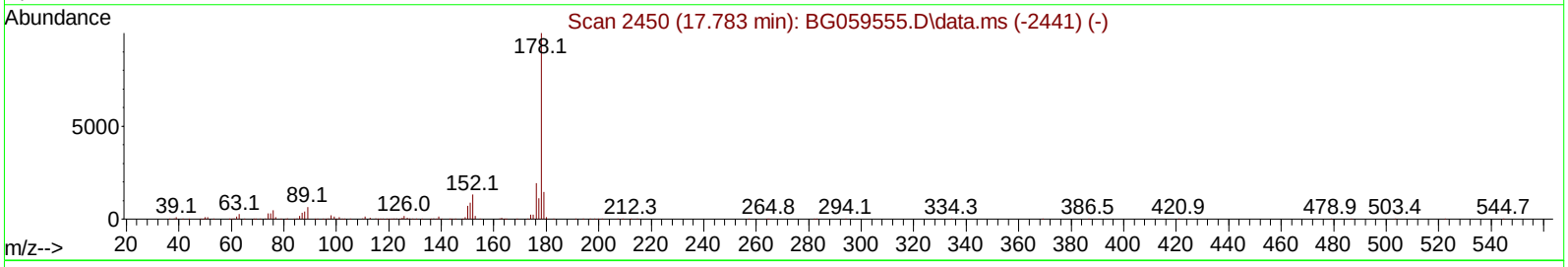
Quant Time: Nov 01 04:24:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(72) Phenanthrene

17.779min (-0.006) 18.75 ng/ul m

response 765074

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.10	15.20
176.00	19.20	18.37
0.00	0.00	0.00

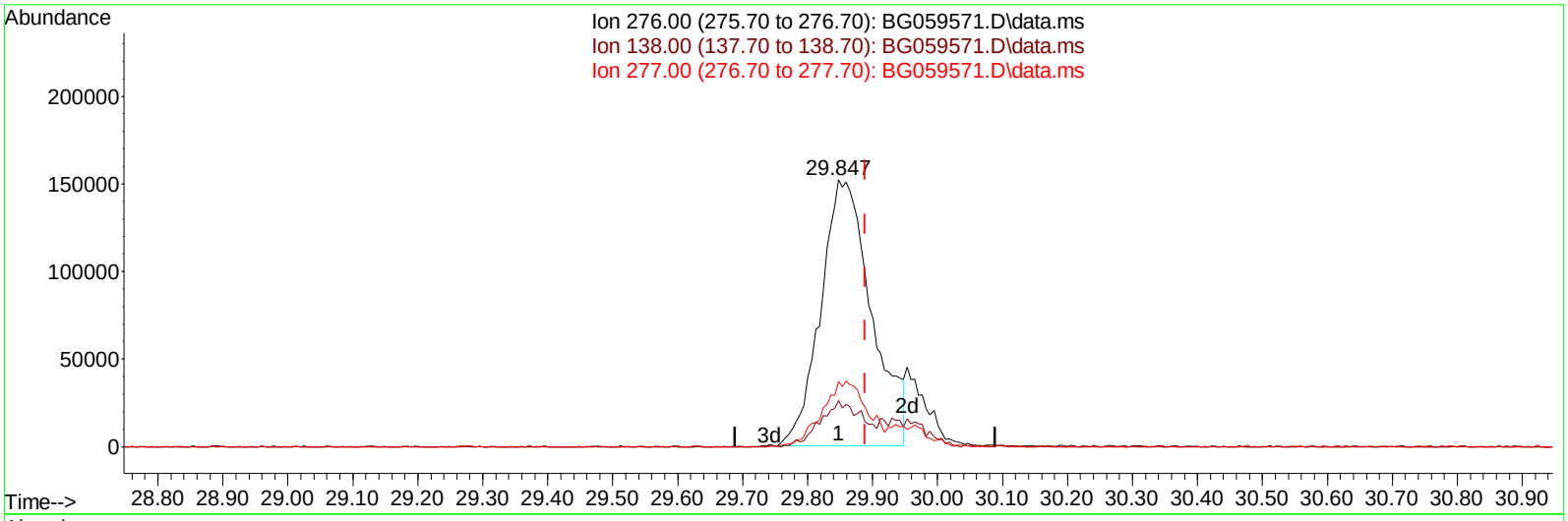
Quantitation Report (Qedit)

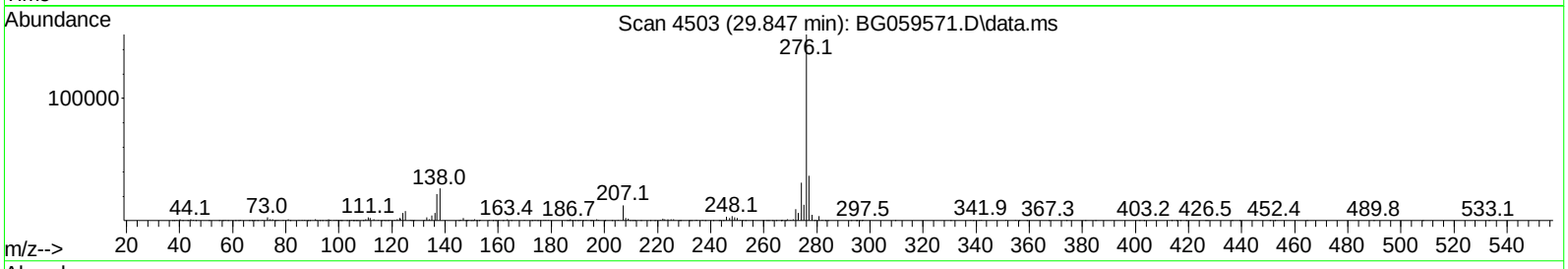
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

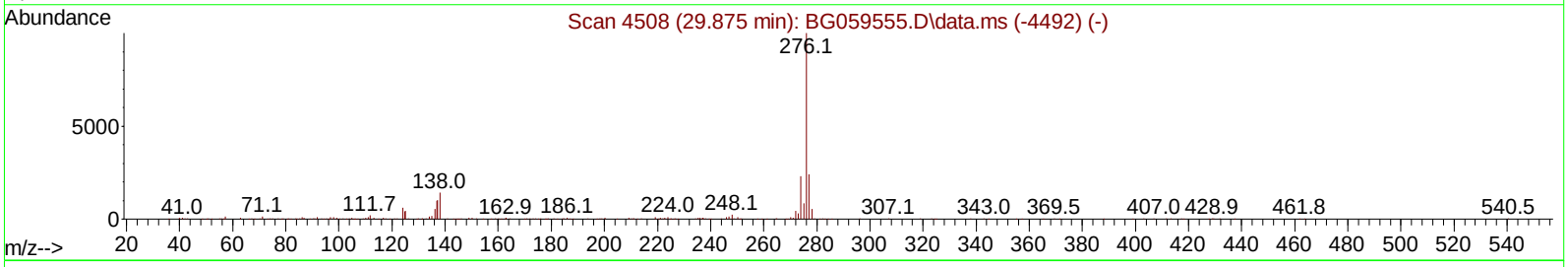
Quant Time: Nov 01 04:24:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

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

29.847min (-0.042) 16.55 ng/ul

response 825750

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.29
277.00	20.50	24.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 01 04:24:25 2023
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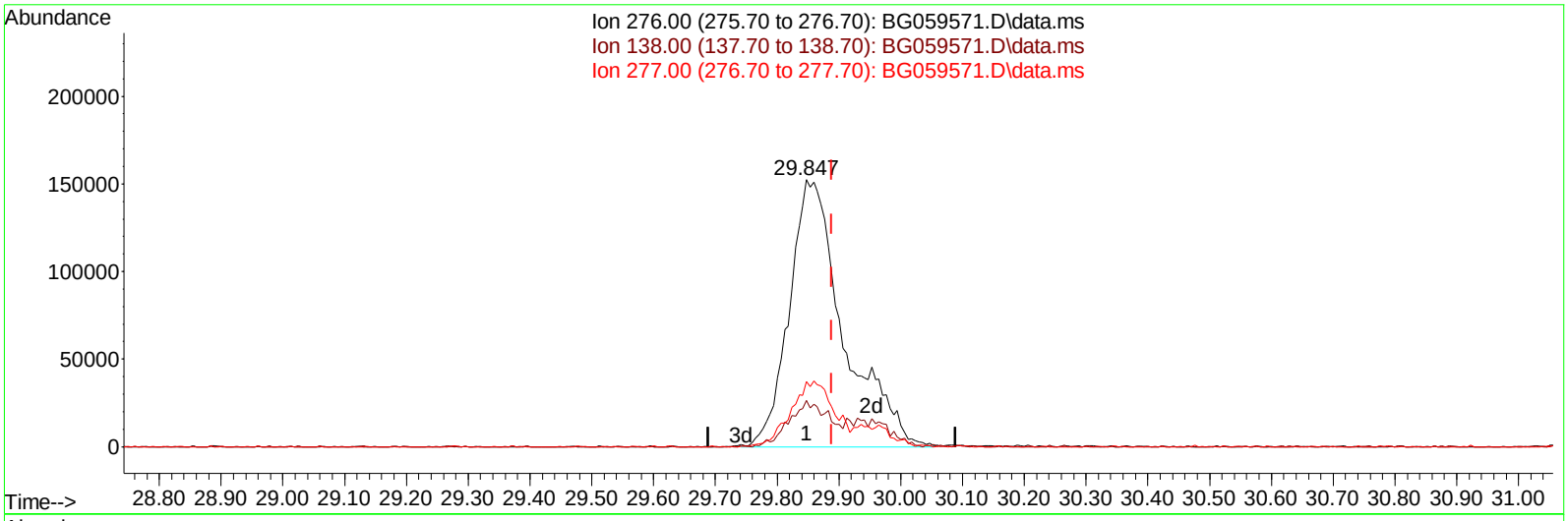
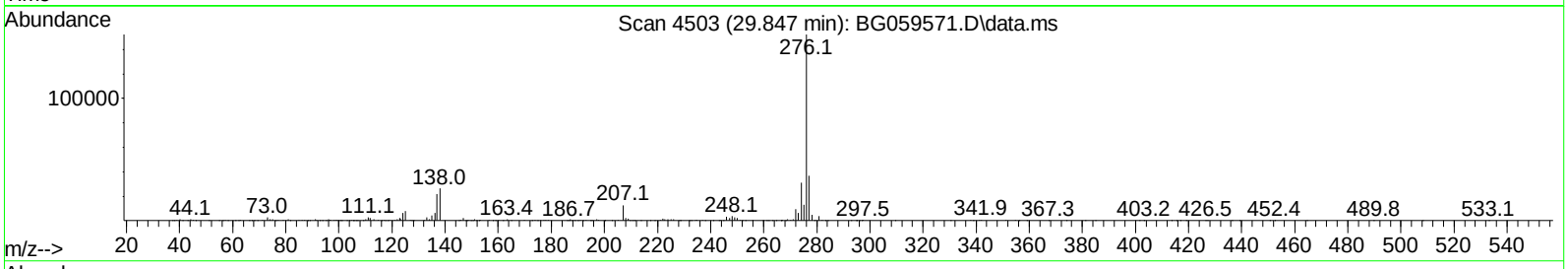
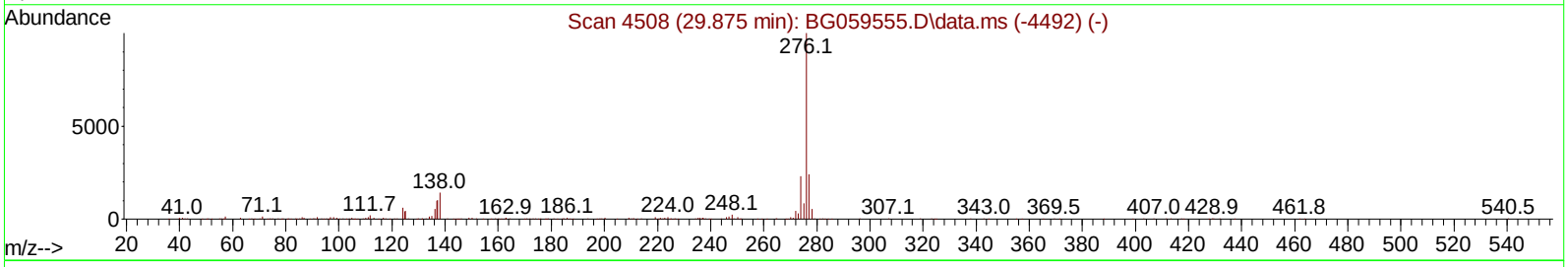
Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

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

29.847min (-0.042) 18.71 ng/ul m

response 933270

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.29
277.00	20.50	24.31
0.00	0.00	0.00

Quantitation Report (Qedit)

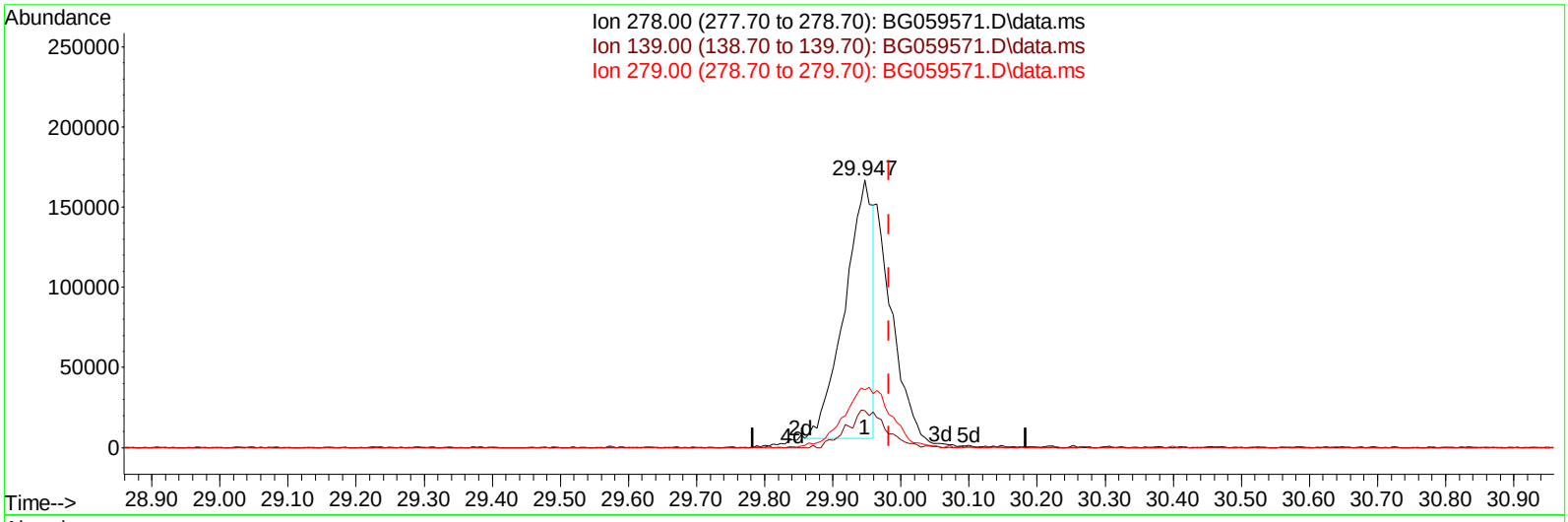
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

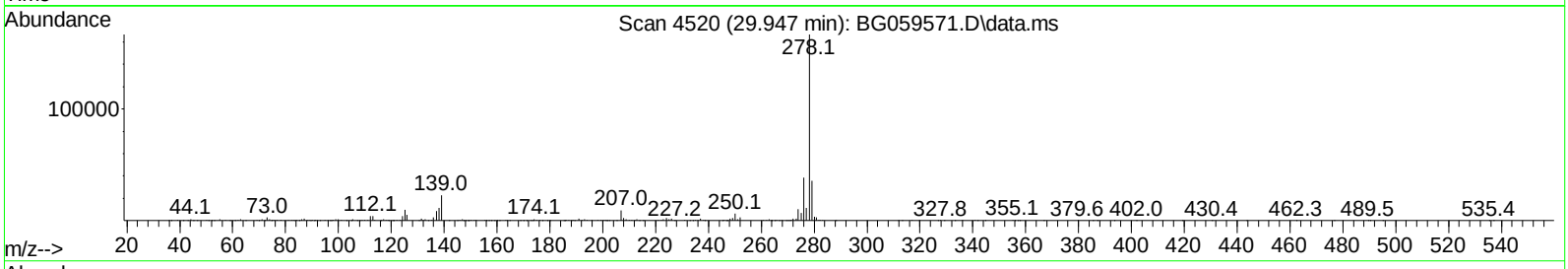
Quant Time: Nov 01 04:24:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

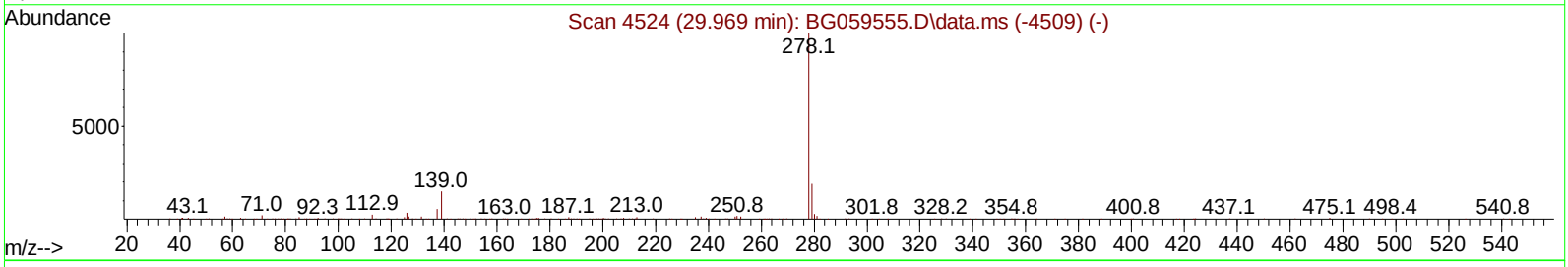
Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023







TIC: BG059571.D\data.ms

(95) Dibenzo(a,h)anthracene

29.947min (-0.036) 11.17 ng/ul

response 460397

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.80	13.80
279.00	22.90	21.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059571.D
Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 01 04:25:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020466

Manual Integrations APPROVED

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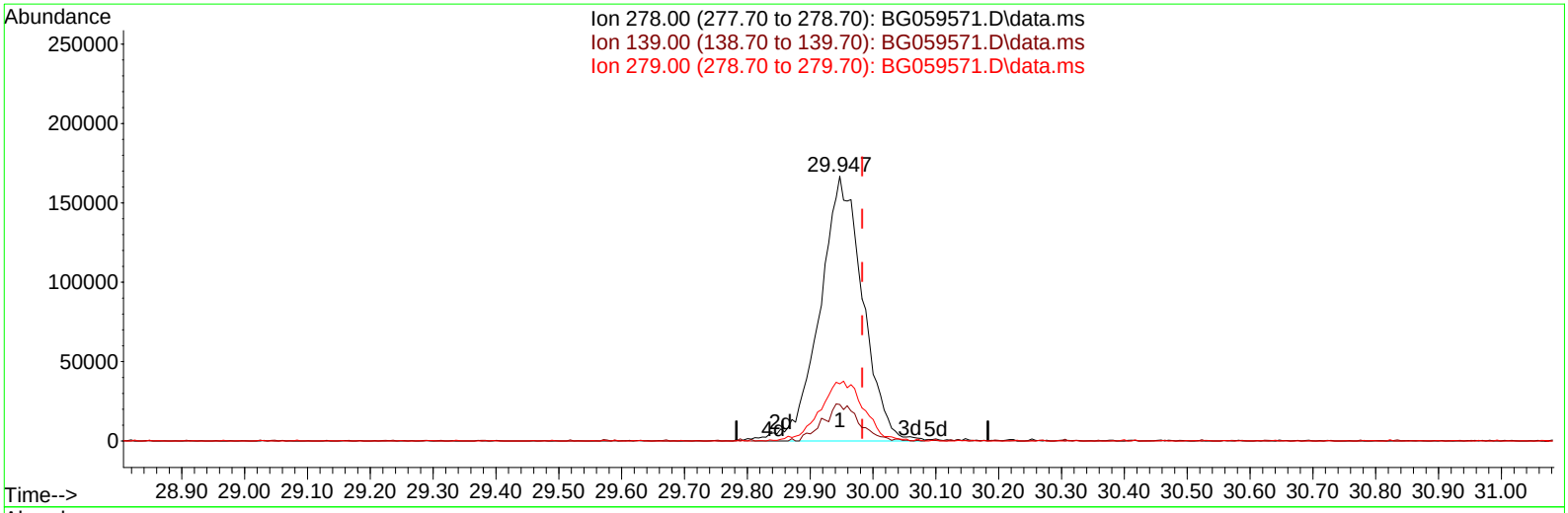

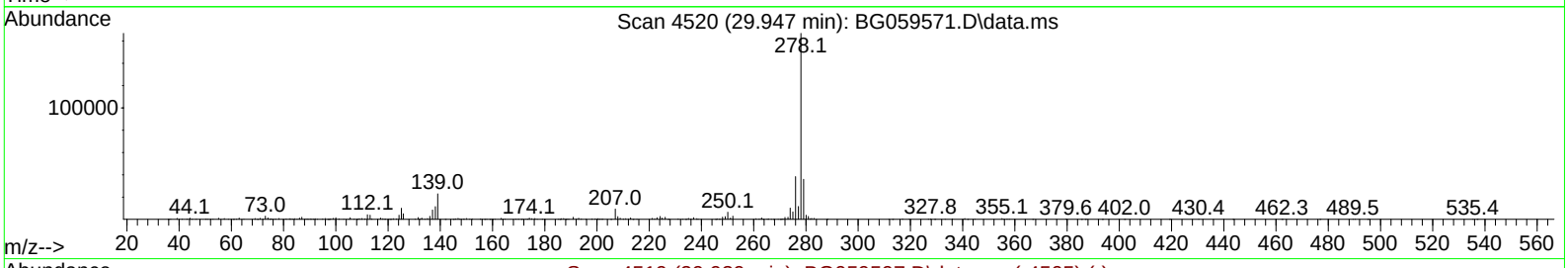

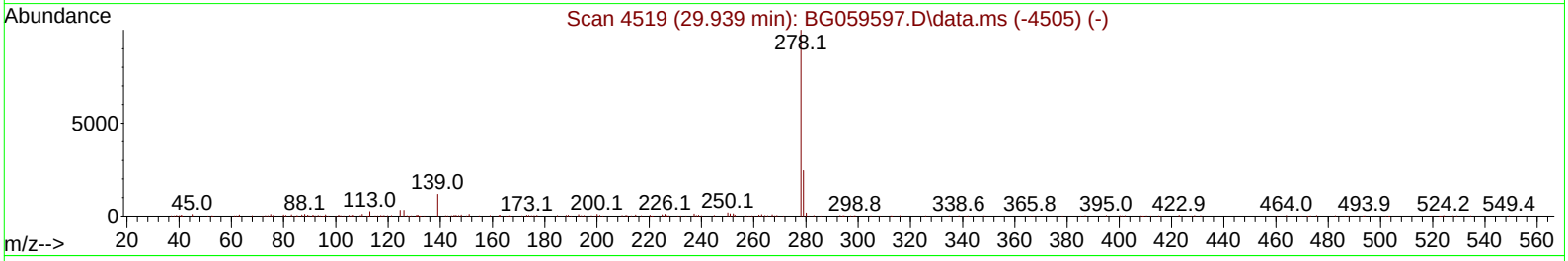

TIC: BG059571.D\data.ms

(95) Dibenzo(a,h)anthracene

29.947min (-0.036) 19.17 ng/ul m

response 789841

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.80	13.80
279.00	22.90	21.59
0.00	0.00	0.00

Quantitation Report (Qedit)

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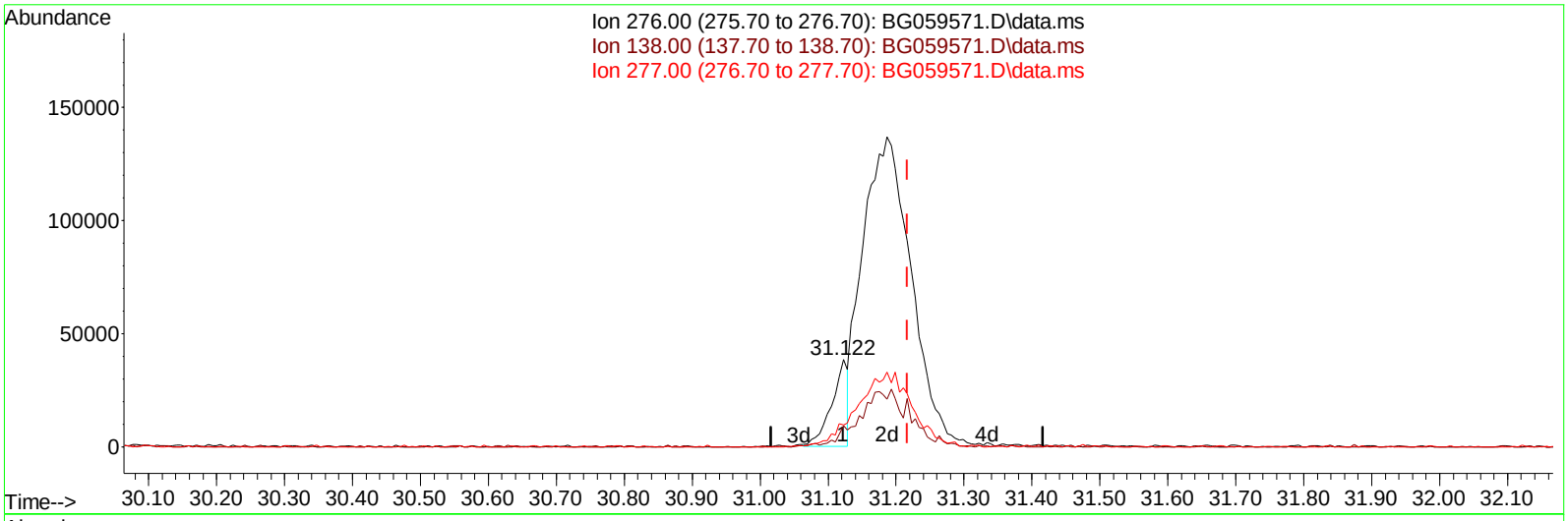

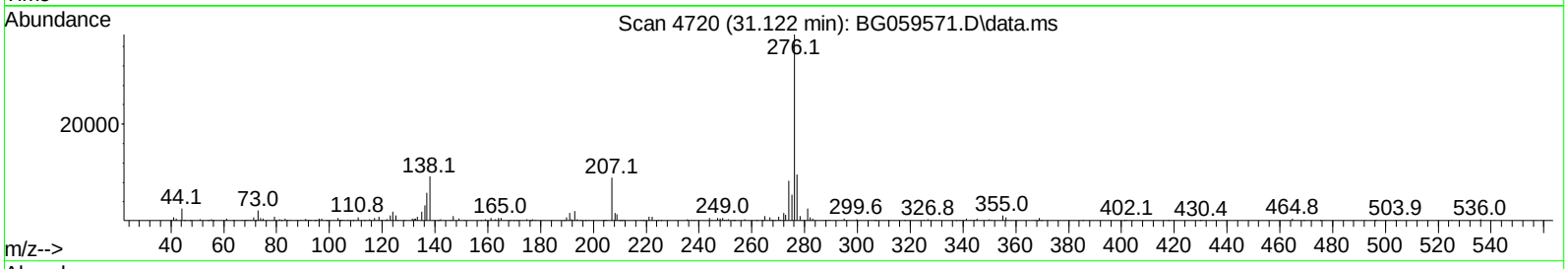

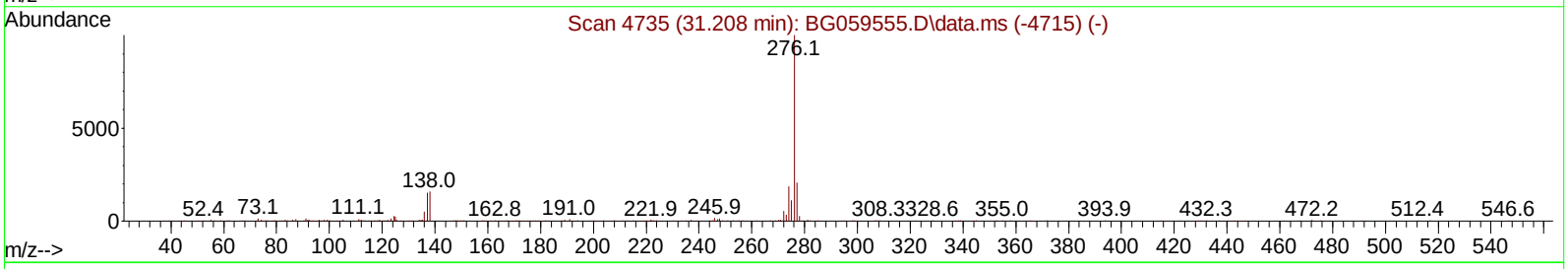

TIC: BG059571.D\data.ms

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

31.122min (-0.094) 1.56 ng/ul

response 63707

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	24.03
277.00	22.80	25.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Manual Integrations APPROVED

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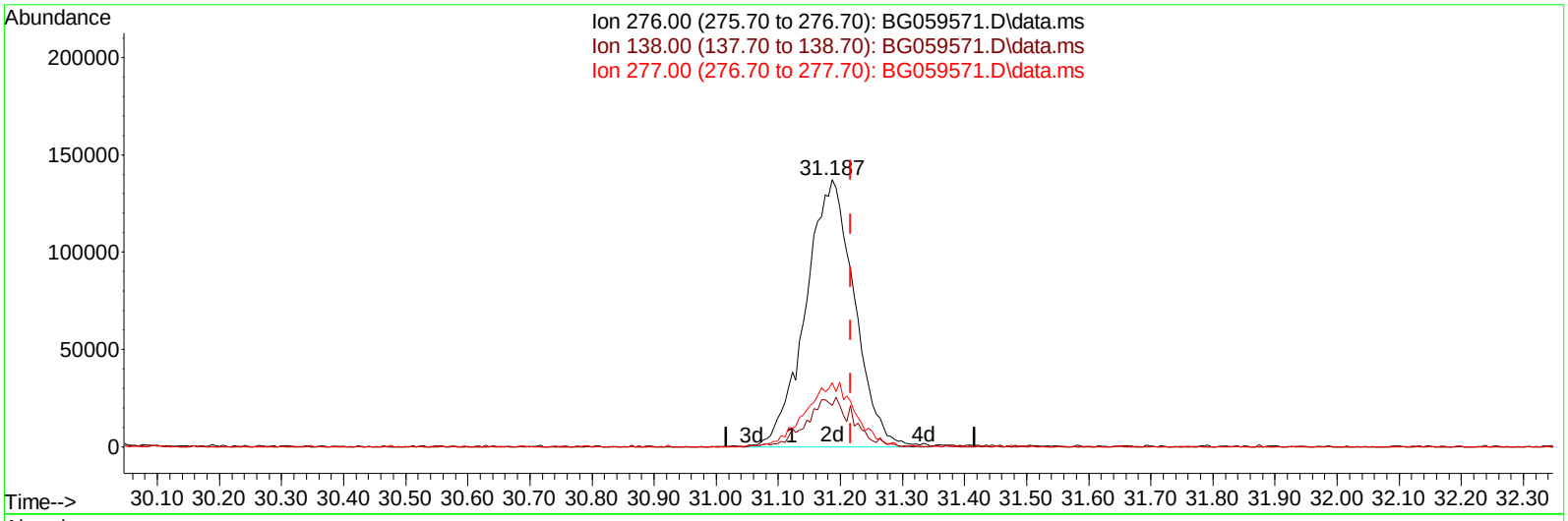

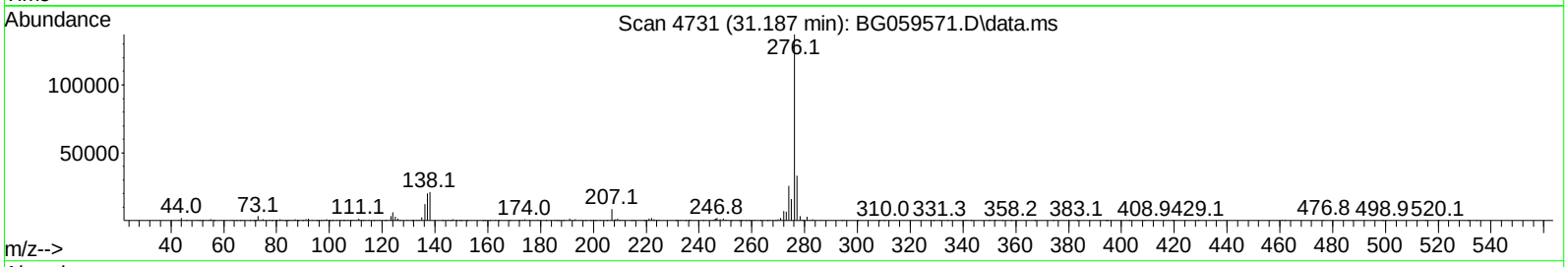

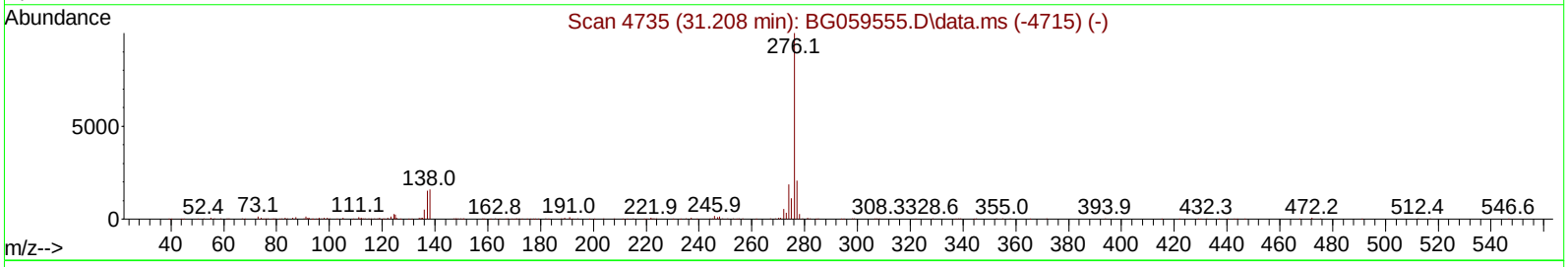

TIC: BG059571.D\data.ms

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

31.187min (-0.030) 18.32 ng/ul m

response 747835

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	15.43#
277.00	22.80	24.02
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 31 Oct 2023 21:54
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
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ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	91897	20.000	ng/ul	0.00
20) Naphthalene-d8	11.205	136	484491	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.988	164	292597	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	627637m	20.000	ng/ul	0.00
79) Chrysene-d12	22.074	240	500975	20.000	ng/ul	0.00
88) Perylene-d12	25.670	264	574503	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	13789m	5.614	ng/uL	0.00
4) Pyridine-d5	4.089	84	106862	15.569	ng/ul	0.00
7) Phenol-d5	7.462	99	163532	17.317	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	72470	16.708	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	129586	16.915	ng/ul	0.00
15) 4-Methylphenol-d8	9.037	113	134150	17.906	ng/ul	0.00
21) Nitrobenzene-d5	9.554	128	62814	18.234	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	64574	18.259	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.799	165	163055m	20.927	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	250773	19.551	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	477974	18.031	ng/ul	-0.01
49) Acenaphthylene-d8	14.689	160	588991	18.933	ng/ul	0.00
54) 4-Nitrophenol-d4	15.147	143	101814	22.397	ng/ul	0.00
60) Fluorene-d10	15.975	176	428636	18.920	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.075	200	70325	23.660	ng/ul	0.00
73) Anthracene-d10	17.832	188	654777	19.256	ng/ul	-0.01
81) Pyrene-d10	20.106	212	678946	19.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.423	264	629239	18.600	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	16647m	6.055	ng/uL	
5) Pyridine	4.113	79	109488	16.172	ng/ul	88
6) Benzaldehyde	7.503	77	81527	19.167	ng/ul	91
8) Phenol	7.497	94	153317	17.221	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.767	93	108544	16.626	ng/ul	93
12) 2-Chlorophenol	7.903	128	131627	17.330	ng/ul	94
13) 2-Methylphenol	8.772	108	129314	17.424	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.860	45	88924m	14.474	ng/ul	
16) Acetophenone	9.201	105	198321	16.793	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.166	70	86115	15.475	ng/ul#	90
18) 4-Methylphenol	9.101	108	130932	16.581	ng/ul	89
19) Hexachloroethane	9.448	117	51580	17.099	ng/ul#	92
22) Nitrobenzene	9.601	77	136026	18.294	ng/ul	99
23) Isophorone	10.106	82	254326	13.582	ng/ul	94
25) 2-Nitrophenol	10.306	139	90837	23.883	ng/ul#	81
26) 2,4-Dimethylphenol	10.329	107	186210	18.613	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.588	93	184433	17.689	ng/ul	98
29) 2,4-Dichlorophenol	10.829	162	150084	19.910	ng/ul#	89
30) Naphthalene	11.257	128	555017	18.380	ng/ul	97
32) 4-Chloroaniline	11.369	127	231387	18.991	ng/ul#	80
33) Hexachlorobutadiene	11.487	225	87573	19.365	ng/ul	97
34) Caprolactam	12.145	113	47013m	17.048	ng/ul	
35) 4-Chloro-3-methylphenol	12.433	107	181947	20.229	ng/ul	92

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Sample : SSTDCCC020EC
Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
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SSTD020466

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.838	142	375331	18.067	ng/ul	90
37) 1-Methylnaphthalene	13.049	142	383123	18.515	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.173	216	156508	18.545	ng/ul	99
40) Hexachlorocyclopentadiene	13.132	237	90051	18.305	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.414	196	117043	20.029	ng/ul	95
42) 2,4,5-Trichlorophenol	13.484	196	129890	20.531	ng/ul	96
43) 1,1'-Biphenyl	13.825	154	484395	18.300	ng/ul	94
44) 2-Chloronaphthalene	13.878	162	379208	18.433	ng/ul	95
45) 2-Nitroaniline	14.089	65	95966	25.070	ng/ul	88
47) Dimethylphthalate	14.424	163	472381	18.037	ng/ul	97
48) 2,6-Dinitrotoluene	14.565	165	93001	23.540	ng/ul#	63
50) Acenaphthylene	14.718	152	662059	18.471	ng/ul	98
51) 3-Nitroaniline	14.906	138	116192	23.595	ng/ul#	84
52) Acenaphthene	15.047	153	430798	18.438	ng/ul	99
53) 2,4-Dinitrophenol	15.094	184	50094	22.316	ng/ul#	74
55) 4-Nitrophenol	15.165	109	114369	22.829	ng/ul	92
56) Dibenzofuran	15.382	168	564801	18.646	ng/ul	97
57) 2,4-Dinitrotoluene	15.341	165	135684	24.416	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.588	232	100236	20.186	ng/ul#	85
59) Diethylphthalate	15.770	149	531787	18.614	ng/ul	97
61) Fluorene	16.028	166	482483	18.451	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	16.011	204	214382	19.183	ng/ul	93
63) 4-Nitroaniline	16.064	138	119818	22.927	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	16.093	198	71642	22.870	ng/ul	96
67) N-Nitrosodiphenylamine	16.228	169	405857	18.925	ng/ul	96
68) 4-Bromophenyl-phenylether	16.910	248	118041	18.795	ng/ul	90
69) Hexachlorobenzene	16.998	284	147651	20.342	ng/ul	98
70) Atrazine	17.162	200	137338	20.666	ng/ul	89
71) Pentachlorophenol	17.356	266	93918	22.649	ng/ul	95
72) Phenanthrene	17.779	178	765074m	18.751	ng/ul	
74) Anthracene	17.873	178	787709	19.120	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.784	216	166119	19.875	ng/uL	86
76) Pentachlorobenzene	15.270	250	161835	20.405	ng/uL	99
77) Carbazole	18.143	167	715997	20.231	ng/ul	97
78) Di-n-butylphthalate	18.655	149	927965	19.083	ng/ul	99
80) Fluoranthene	19.771	202	819043	19.295	ng/ul#	96
82) Pyrene	20.135	202	837776	19.001	ng/ul	98
83) Butylbenzylphthalate	20.999	149	404337	20.306	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.957	252	279713	21.471	ng/ul	97
85) Benzo(a)anthracene	22.051	228	776089	18.825	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.892	149	585860	19.718	ng/ul#	98
87) Chrysene	22.121	228	717912	18.720	ng/ul	98
89) Di-n-octyl phthalate	23.243	149	999359	19.868	ng/ul	100
90) Benzo(b)fluoranthene	24.507	252	766817	18.414	ng/ul#	95
91) Benzo(k)fluoranthene	24.589	252	772469	18.570	ng/ul	98
93) Benzo(a)pyrene	25.505	252	713616	18.131	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.847	276	933270m	18.707	ng/ul	
95) Dibenzo(a,h)anthracene	29.947	278	789841m	19.169	ng/ul	
96) Benzo(g,h,i)perylene	31.187	276	747835m	18.315	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

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