Quantitation Report (Qedit)

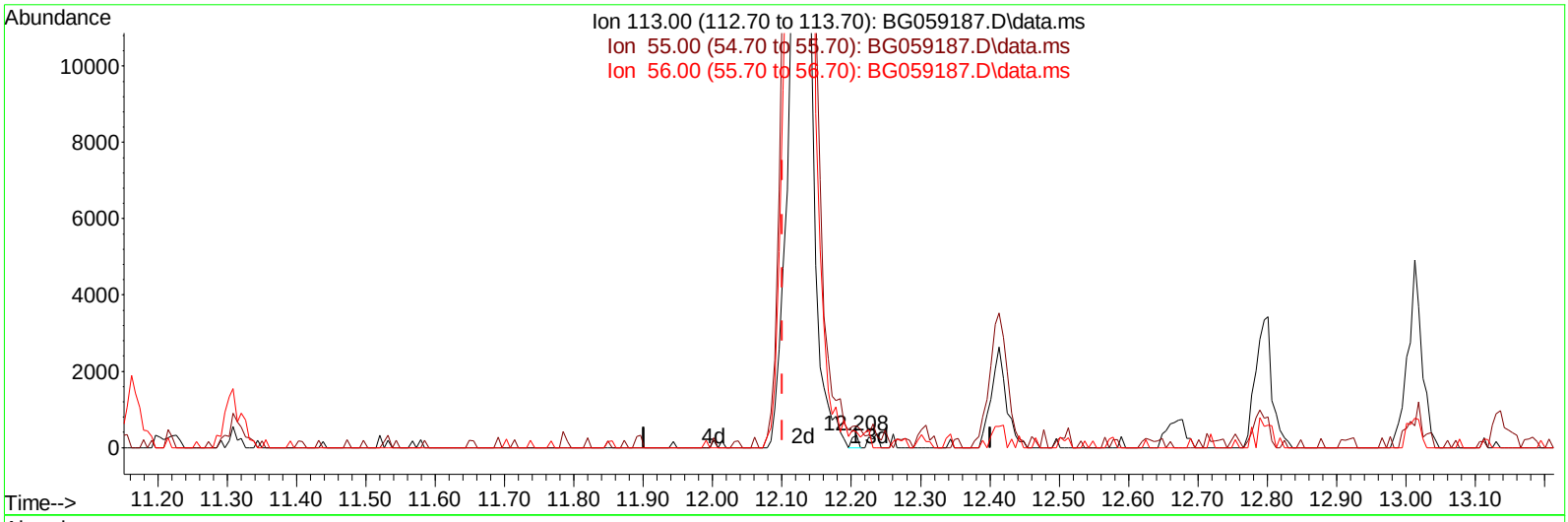
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
Data File : BG059187.D
Acq On : 25 Sep 2023 17:11
Operator : MA/JU
Sample : PB155606BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

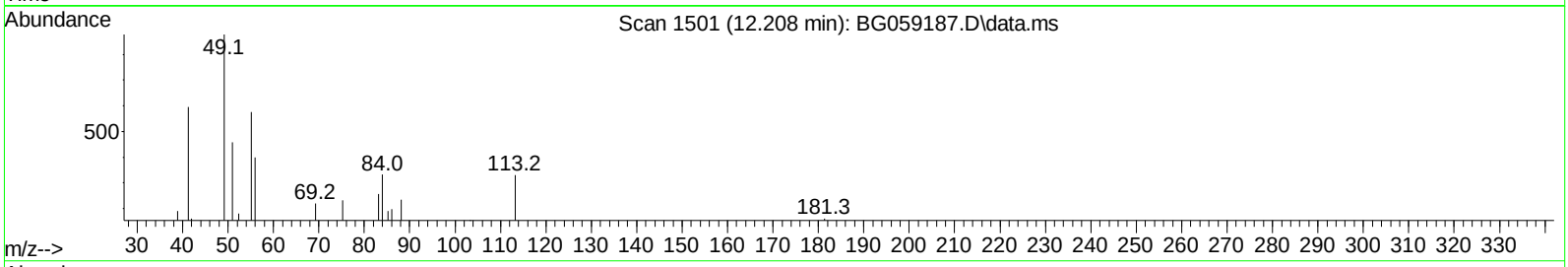
Quant Time: Sep 25 22:38:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 25 22:33:28 2023
Response via : Initial Calibration

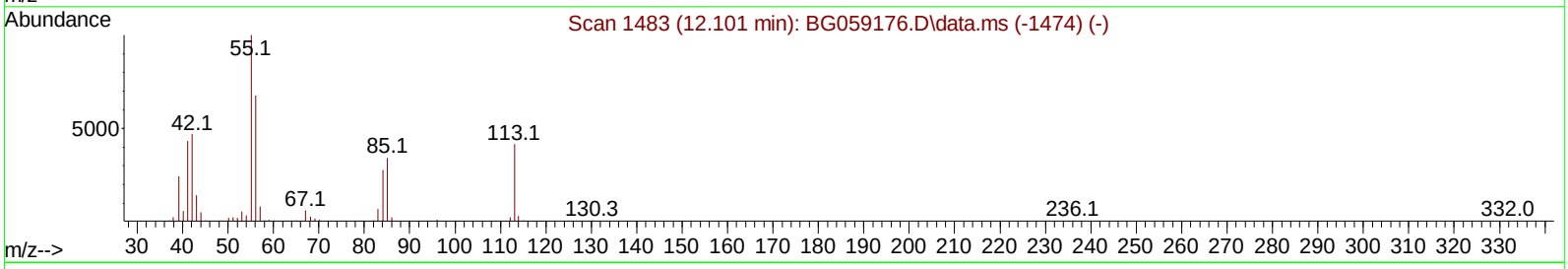
Instrument :
BNA_G
ClientSampleId :
SLCS606

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023







TIC: BG059187.D\data.ms

(34) Caprolactam

12.208min (+ 0.106) 0.20 ng/ul

response 208

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	175.38
56.00	140.40	121.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
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Acq On : 25 Sep 2023 17:11
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Misc :
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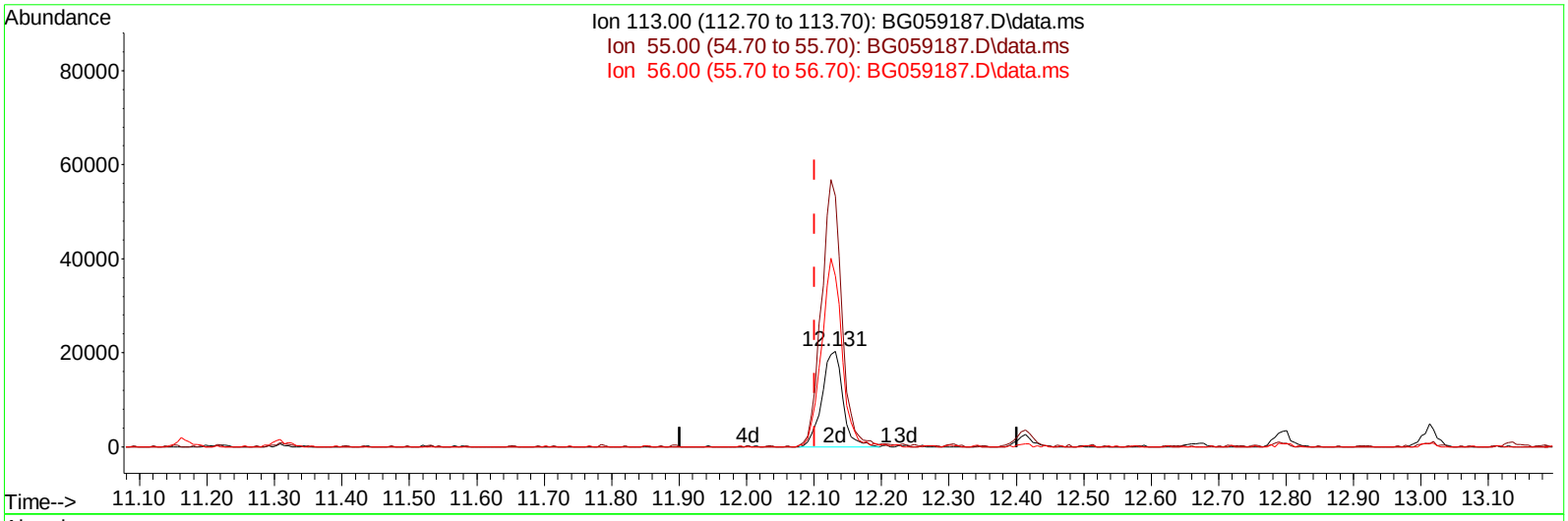

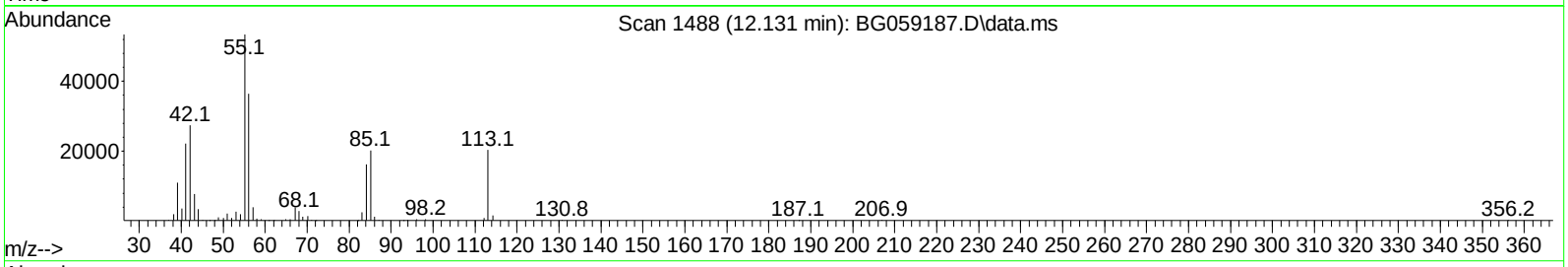

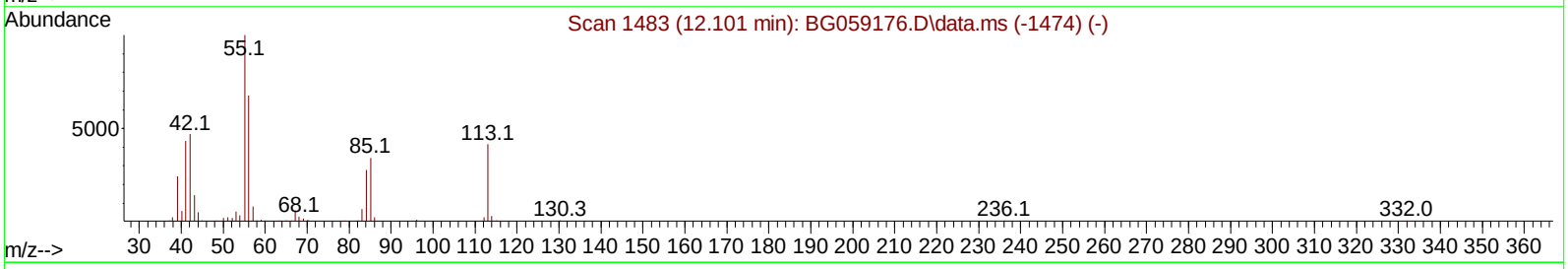

TIC: BG059187.D\data.ms

(34) Caprolactam

12.131min (+ 0.030) 41.56 ng/ul m

response 43715

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	263.09#
56.00	140.40	179.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
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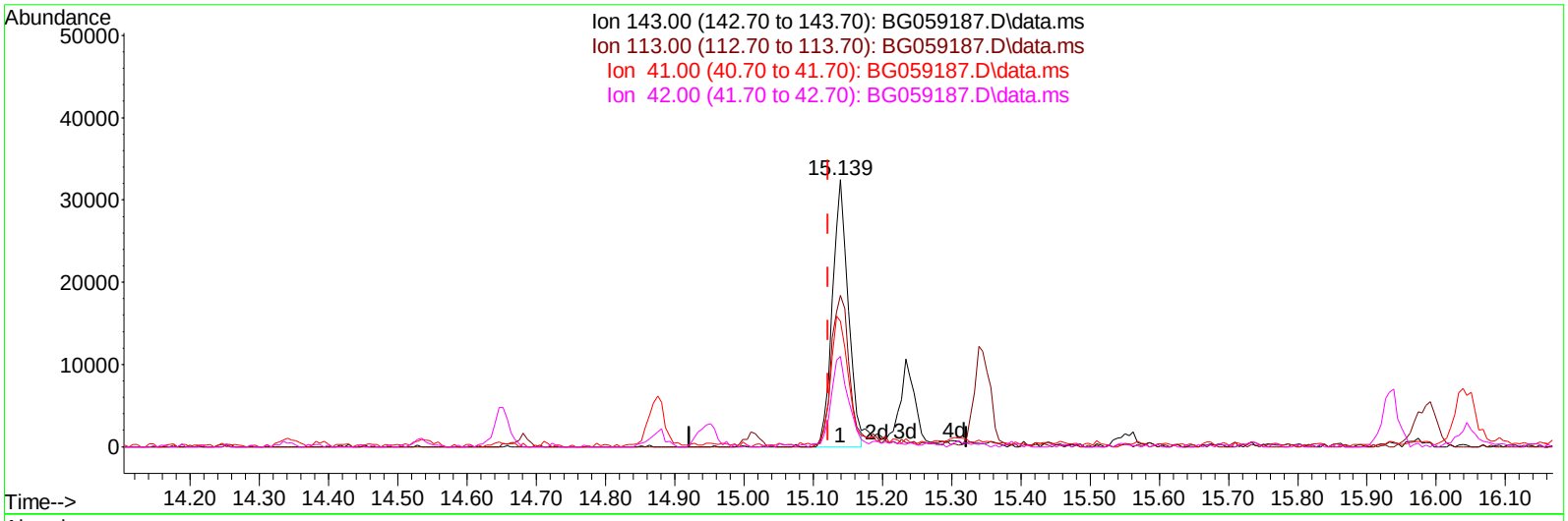

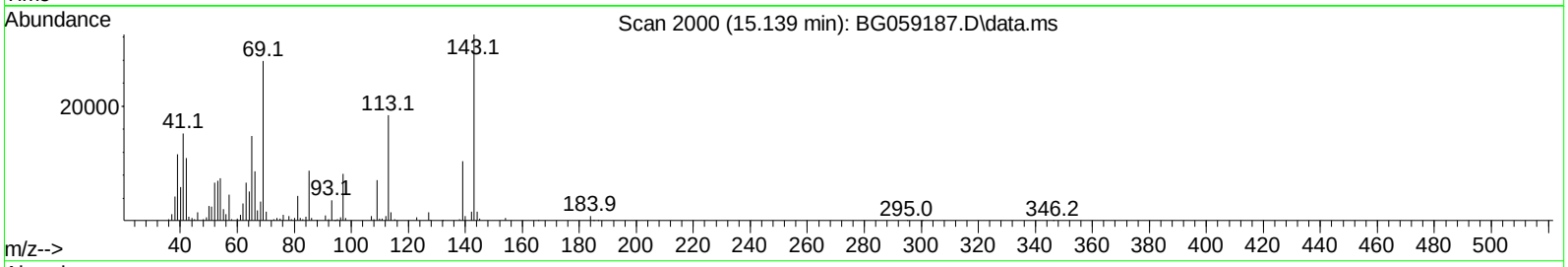

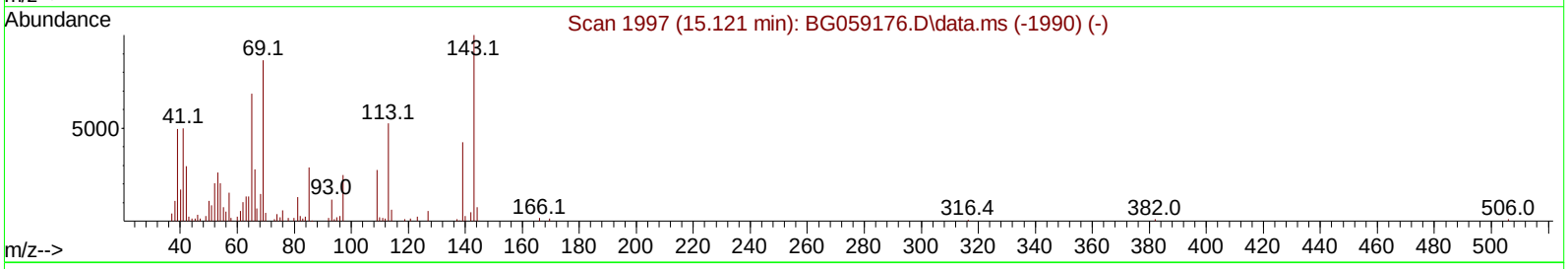

TIC: BG059187.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.139min (+ 0.018) 28.72 ng/ul

response 51170

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.10	56.83
41.00	52.00	47.15
42.00	40.70	33.79

Quantitation Report (Qedit)

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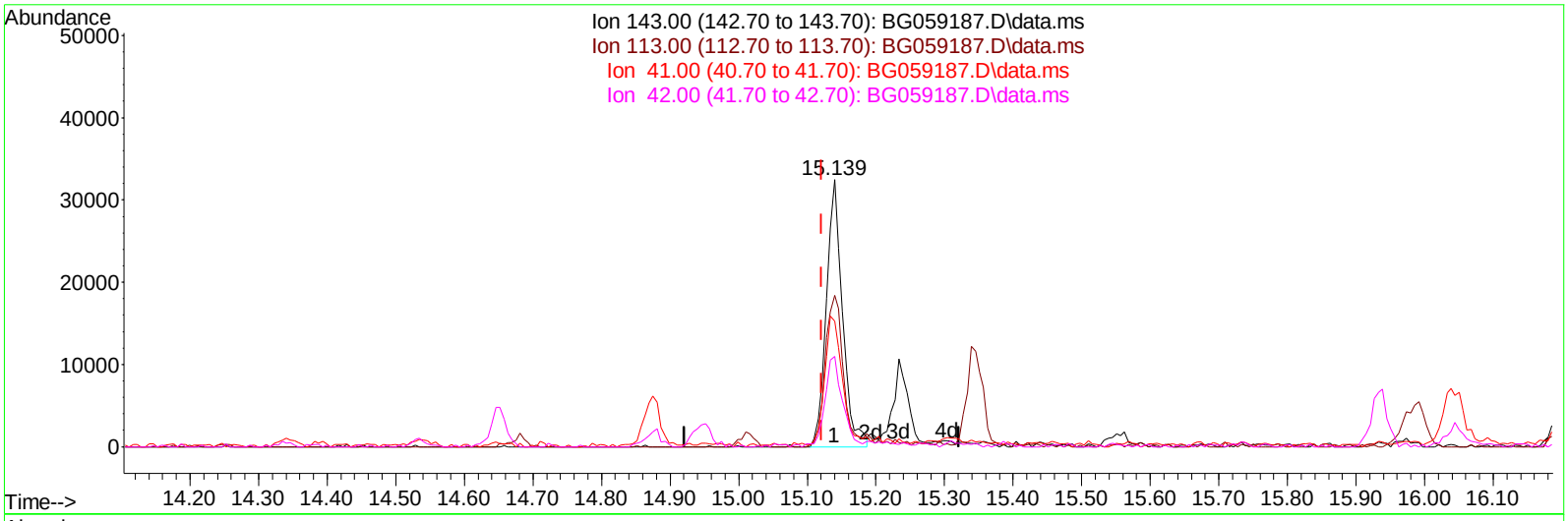

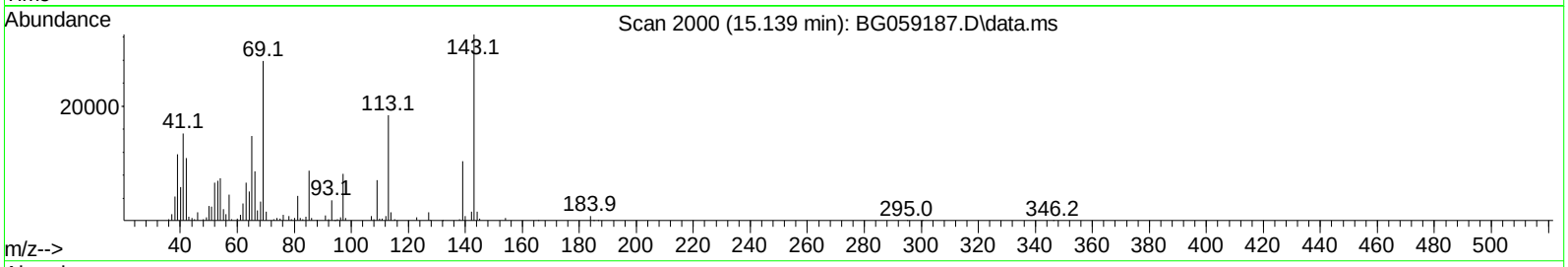

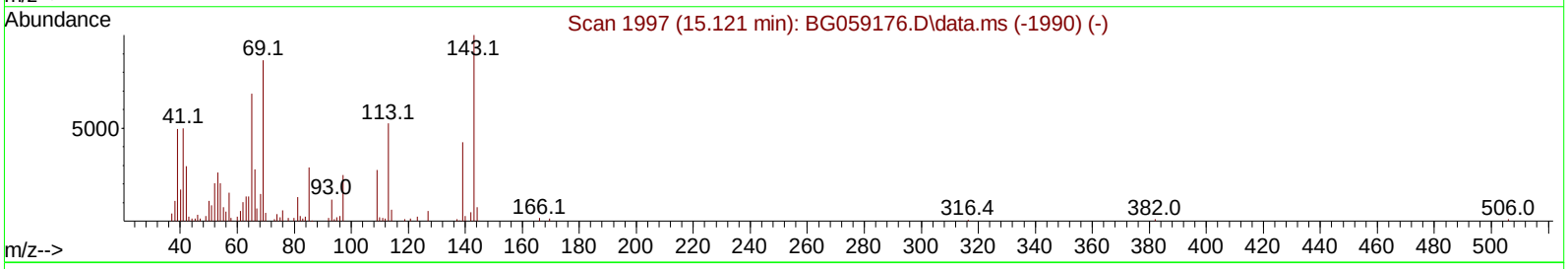

TIC: BG059187.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.139min (+ 0.018) 29.72 ng/ul m

response 52965

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.10	56.83
41.00	52.00	47.15
42.00	40.70	33.79

Quantitation Report (Qedit)

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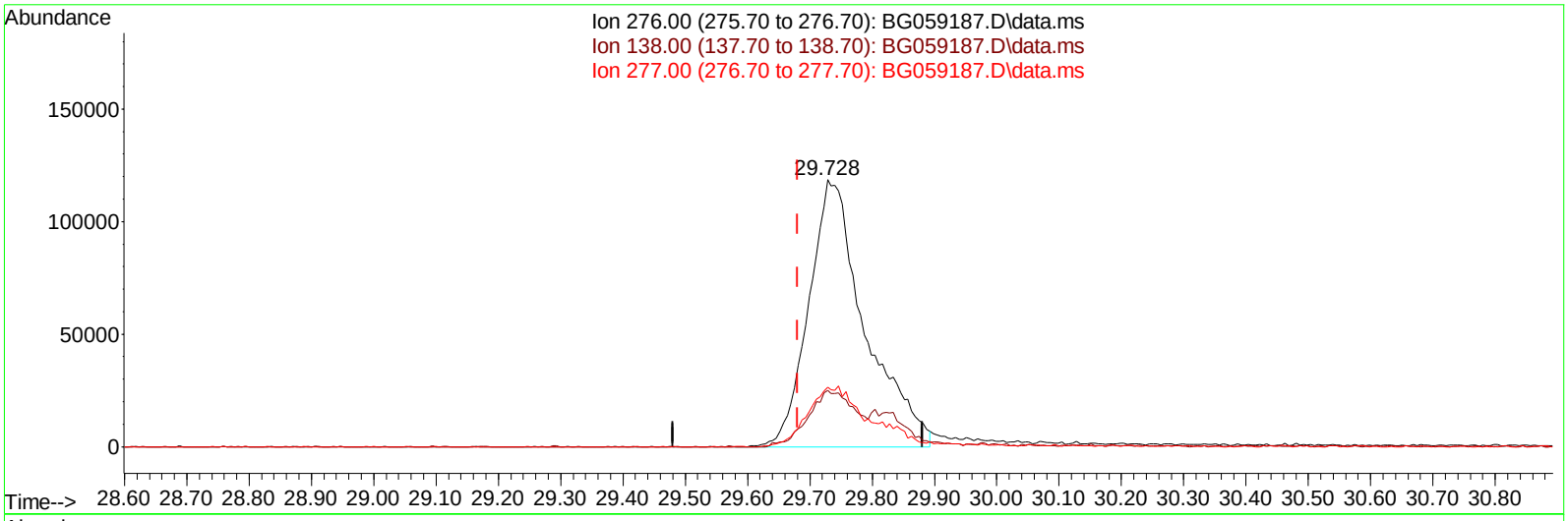

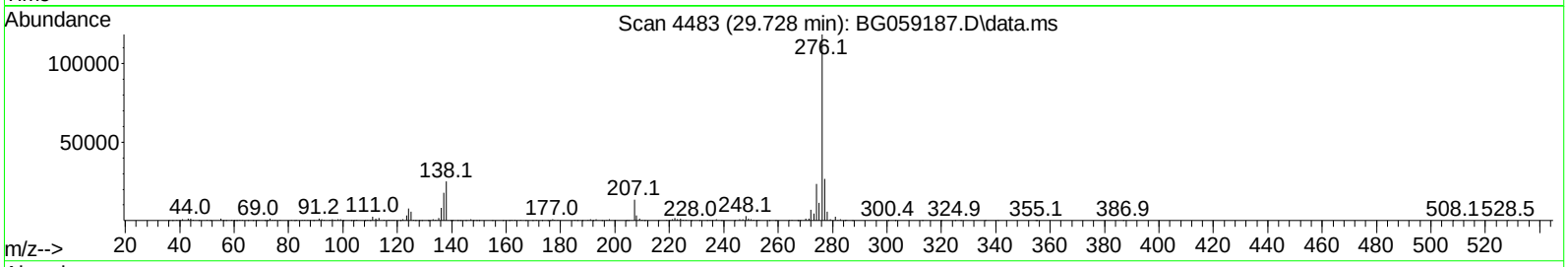

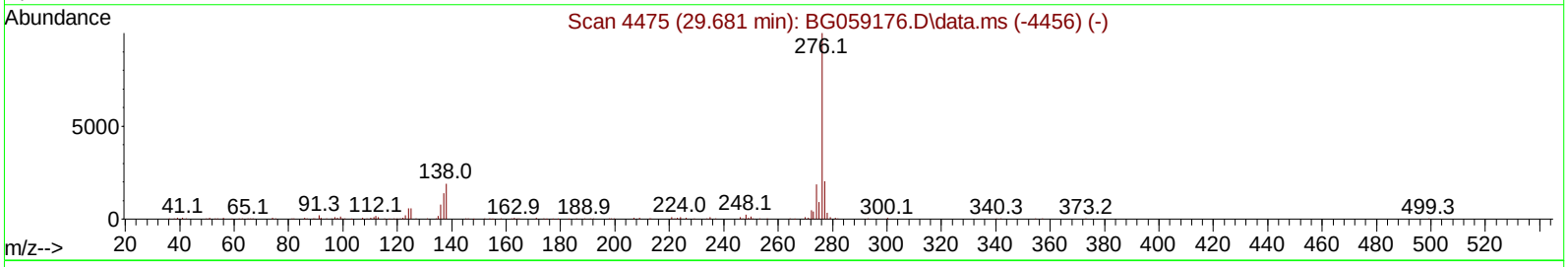

TIC: BG059187.D\data.ms

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

29.728min (+ 0.048) 39.27 ng/ul

response 741492

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	21.01
277.00	25.50	22.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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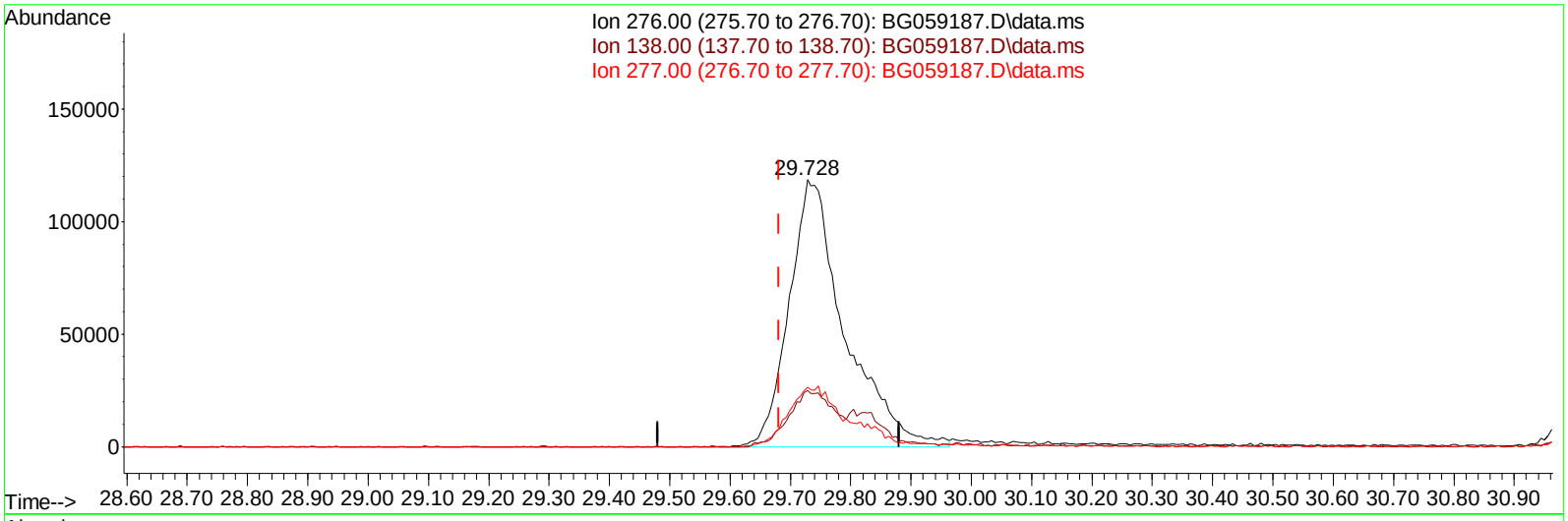

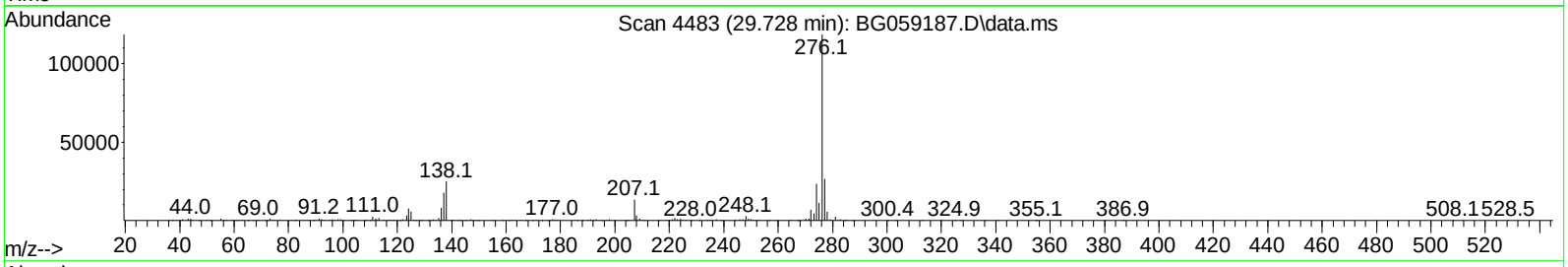

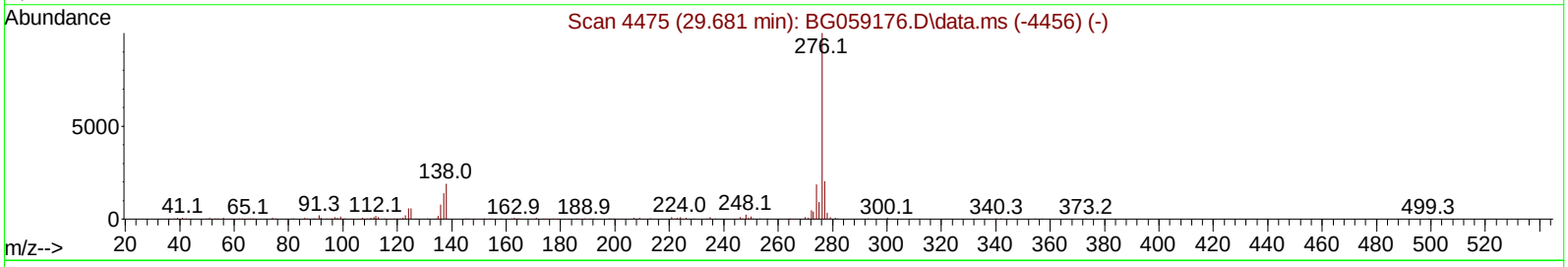

TIC: BG059187.D\data.ms

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

29.728min (+ 0.048) 40.17 ng/ul m

response 758629

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	21.01
277.00	25.50	22.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
Data File : BG059187.D
Acq On : 25 Sep 2023 17:11
Operator : MA/JU
Sample : PB155606BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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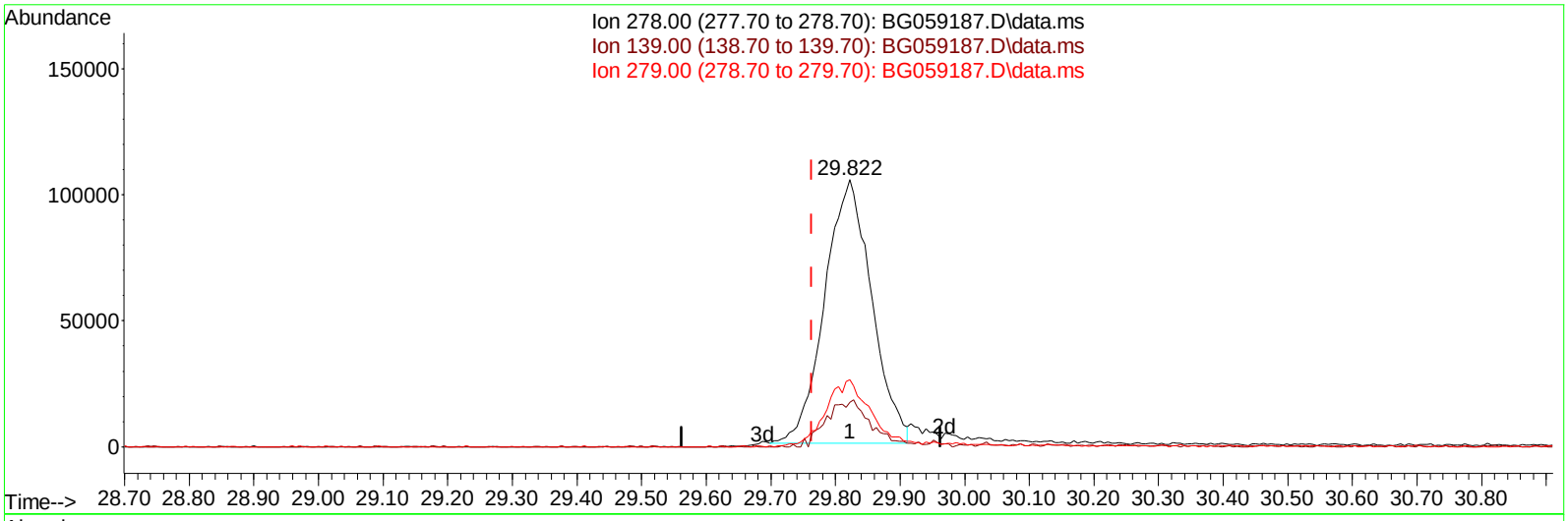

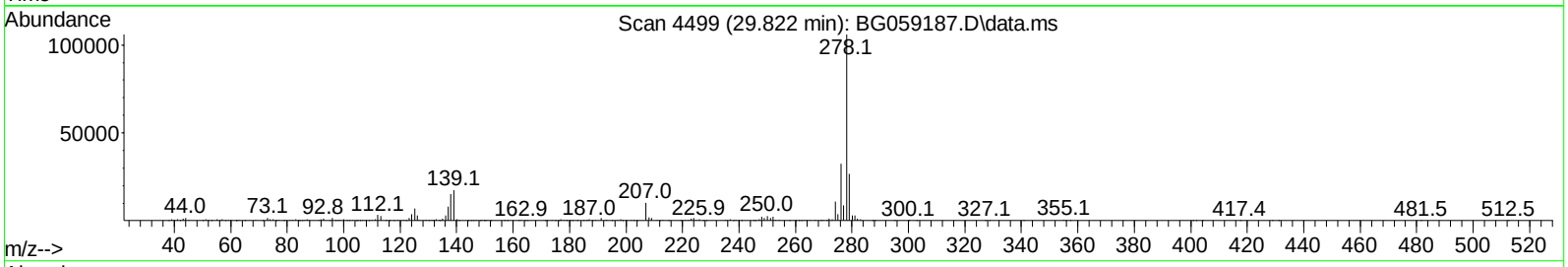

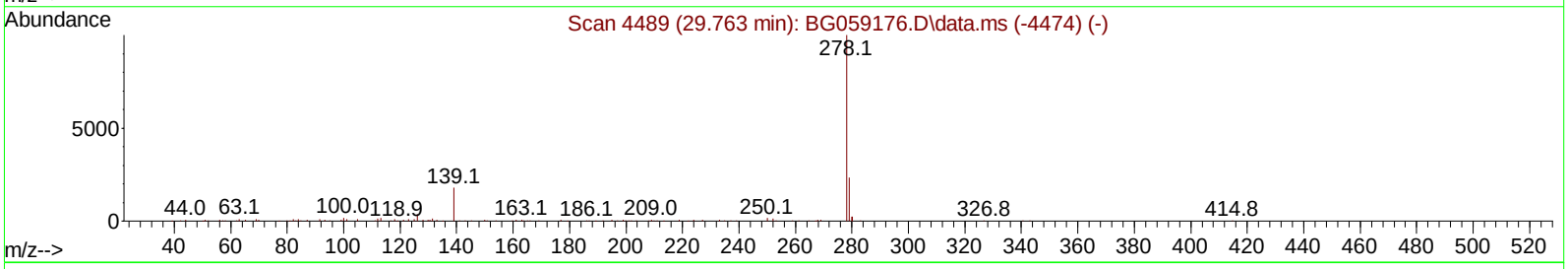

TIC: BG059187.D\data.ms

(95) Dibenzo(a,h)anthracene

29.822min (+ 0.059) 34.88 ng/ul

response 529389

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.20	16.57
279.00	23.70	25.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
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Acq On : 25 Sep 2023 17:11
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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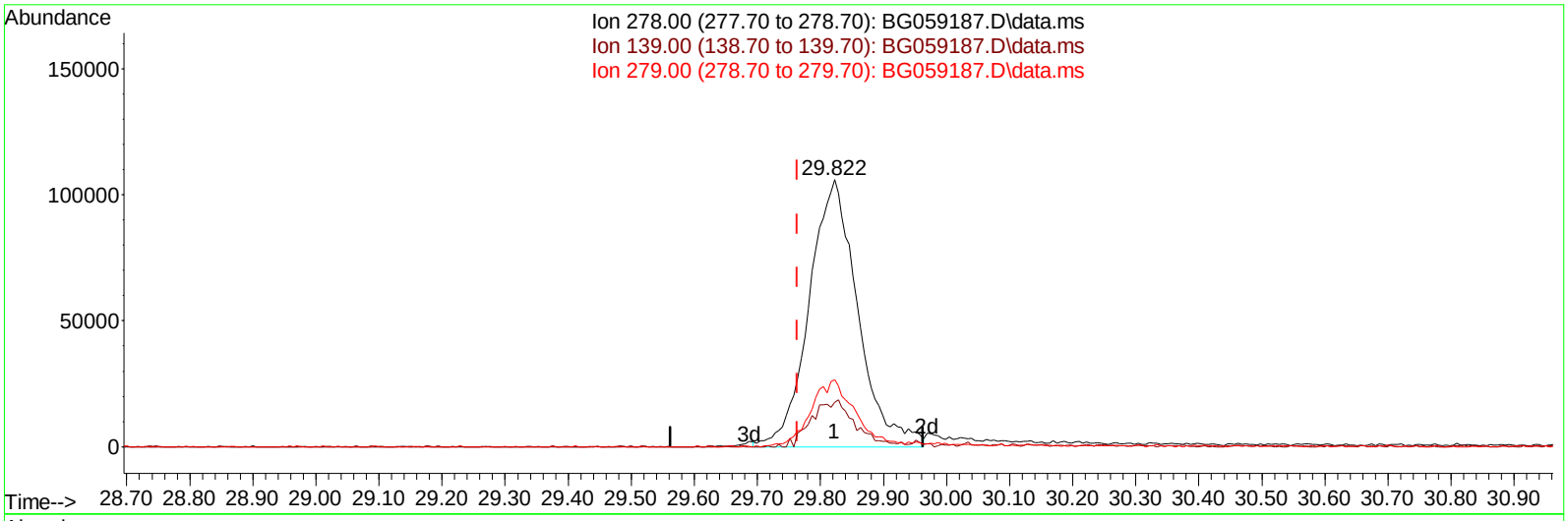

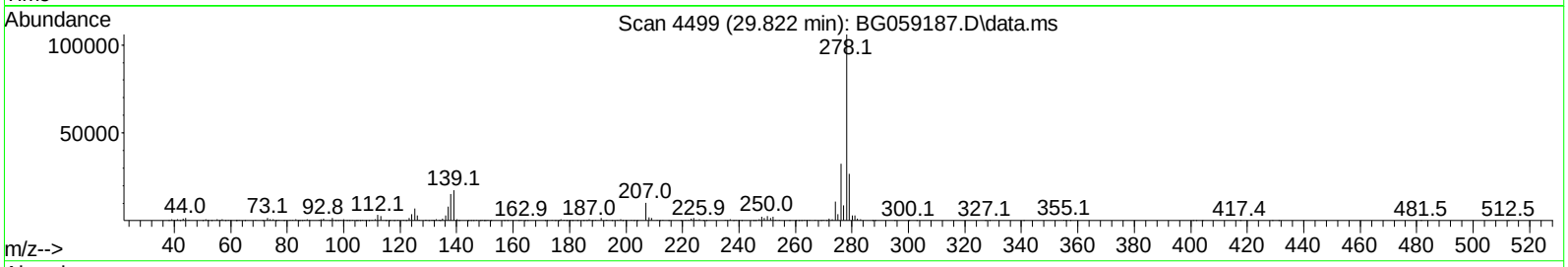

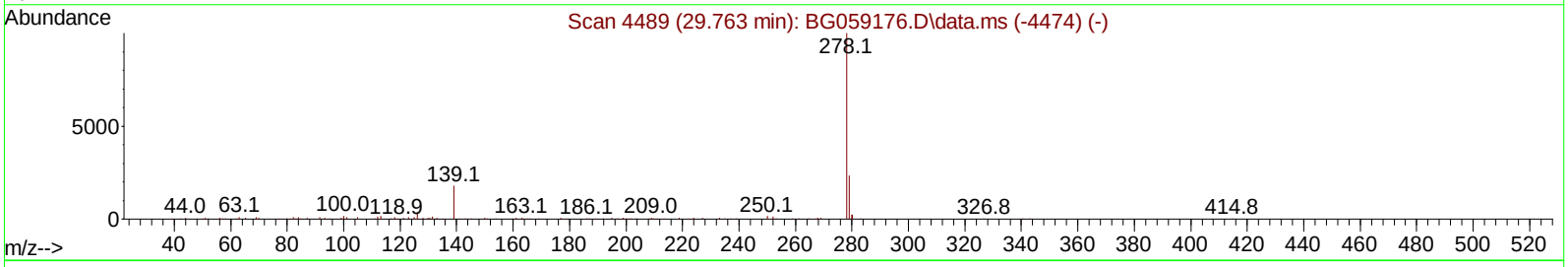

TIC: BG059187.D\data.ms

(95) Dibenzo(a,h)anthracene

29.822min (+ 0.059) 37.46 ng/ul m

response 568504

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.20	16.57
279.00	23.70	25.12
0.00	0.00	0.00

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Acq On : 25 Sep 2023 17:11
Operator : MA/JU
Sample : PB155606BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 25 23:54:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	38635	20.000	ng/ul	0.02
20) Naphthalene-d8	11.168	136	191978	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.946	164	126997	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.701	188	290364	20.000	ng/ul	0.02
79) Chrysene-d12	22.026	240	250805	20.000	ng/ul	0.02
88) Perylene-d12	25.592	264	283534	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	8480	8.591	ng/uL	0.00
4) Pyridine-d5	4.064	84	120085	41.470	ng/ul	0.00
7) Phenol-d5	7.448	99	171192	45.063	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.642	67	93637	40.165	ng/ul	0.02
11) 2-Chlorophenol-d4	7.842	132	116293	41.482	ng/ul	0.02
15) 4-Methylphenol-d8	9.017	113	121660	40.211	ng/ul	0.02
21) Nitrobenzene-d5	9.523	128	58691	39.619	ng/ul	0.02
24) 2-Nitrophenol-d4	10.239	143	67182	44.893	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.768	165	127723	44.956	ng/ul	0.02
31) 4-Chloroaniline-d4	11.315	131	170400	38.428	ng/ul	0.02
46) Dimethylphthalate-d6	14.340	166	392396	40.176	ng/ul	0.01
49) Acenaphthylene-d8	14.652	160	476657	40.081	ng/ul	0.02
54) 4-Nitrophenol-d4	15.139	143	52965m	29.723	ng/ul	0.02
60) Fluorene-d10	15.933	176	358752	40.128	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.044	200	55133	33.398	ng/ul	0.01
73) Anthracene-d10	17.801	188	521110	39.443	ng/ul	0.02
81) Pyrene-d10	20.069	212	619868	42.284	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.345	264	569956	41.168	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.665	88	17722	15.879	ng/uL#	83
5) Pyridine	4.088	79	109257	37.028	ng/ul	96
6) Benzaldehyde	7.466	77	78905	40.057	ng/ul	93
8) Phenol	7.478	94	170524	43.672	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.736	93	127073	40.534	ng/ul	94
12) 2-Chlorophenol	7.877	128	122908	42.971	ng/ul	97
13) 2-Methylphenol	8.753	108	122020	42.108	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.829	45	272252	41.828	ng/ul	97
16) Acetophenone	9.164	105	187785	40.315	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.129	70	93762	39.819	ng/ul	98
18) 4-Methylphenol	9.082	108	134345	43.262	ng/ul	87
19) Hexachloroethane	9.411	117	47974	42.660	ng/ul	95
22) Nitrobenzene	9.564	77	138929	41.414	ng/ul	98
23) Isophorone	10.069	82	297609	41.371	ng/ul	96
25) 2-Nitrophenol	10.275	139	70420	42.108	ng/ul	95
26) 2,4-Dimethylphenol	10.298	107	107788	34.473	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.551	93	182305	40.735	ng/ul	99
29) 2,4-Dichlorophenol	10.797	162	128528	44.753	ng/ul	98
30) Naphthalene	11.221	128	420718	40.954	ng/ul	98
32) 4-Chloroaniline	11.338	127	161648	37.033	ng/ul	99
33) Hexachlorobutadiene	11.444	225	74884	40.510	ng/ul#	84
34) Caprolactam	12.131	113	43715m	41.564	ng/ul	
35) 4-Chloro-3-methylphenol	12.413	107	141338	46.722	ng/ul	95

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.795	142	284712	41.497	ng/ul	99
37) 1-Methylnaphthalene	13.013	142	288239	41.588	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.142	216	152341	40.918	ng/ul	98
40) Hexachlorocyclopentadiene	13.089	237	65744	27.698	ng/ul	98
41) 2,4,6-Trichlorophenol	13.383	196	108130	44.475	ng/ul	89
42) 2,4,5-Trichlorophenol	13.459	196	120486	45.815	ng/ul	98
43) 1,1'-Biphenyl	13.782	154	417047	41.142	ng/ul	96
44) 2-Chloronaphthalene	13.841	162	306872	39.648	ng/ul	96
45) 2-Nitroaniline	14.058	65	101292	41.285	ng/ul	98
47) Dimethylphthalate	14.387	163	413547	41.455	ng/ul#	99
48) 2,6-Dinitrotoluene	14.534	165	85016	46.118	ng/ul#	88
50) Acenaphthylene	14.681	152	524847	41.318	ng/ul	96
51) 3-Nitroaniline	14.875	138	74525	36.639	ng/ul	97
52) Acenaphthene	15.010	153	352544	40.926	ng/ul	99
53) 2,4-Dinitrophenol	15.075	184	18025	16.228	ng/ul#	84
55) 4-Nitrophenol	15.157	109	35833	30.426	ng/ul	90
56) Dibenzofuran	15.345	168	469632	41.103	ng/ul	97
57) 2,4-Dinitrotoluene	15.310	165	118749	44.681	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.557	232	112279	46.124	ng/ul	93
59) Diethylphthalate	15.733	149	407065	41.410	ng/ul	98
61) Fluorene	15.991	166	404406	41.452	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.974	204	203131	41.952	ng/ul	97
63) 4-Nitroaniline	16.033	138	55377	29.370	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.062	198	64331	36.156	ng/ul	99
67) N-Nitrosodiphenylamine	16.191	169	328979	42.555	ng/ul	96
68) 4-Bromophenyl-phenylether	16.873	248	123263	43.632	ng/ul	99
69) Hexachlorobenzene	16.961	284	145156	44.858	ng/ul#	92
70) Atrazine	17.125	200	122827	39.931	ng/ul	95
71) Pentachlorophenol	17.319	266	69737	33.179	ng/ul	98
72) Phenanthrene	17.742	178	687764	42.326	ng/ul	98
74) Anthracene	17.836	178	683323	41.156	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.747	216	152608	39.422	ng/uL	93
76) Pentachlorobenzene	15.239	250	150423	42.010	ng/uL	98
77) Carbazole	18.112	167	549761	39.827	ng/ul	99
78) Di-n-butylphthalate	18.612	149	736901	43.335	ng/ul	100
80) Fluoranthene	19.734	202	788235	43.149	ng/ul	99
82) Pyrene	20.098	202	829291	43.521	ng/ul	99
83) Butylbenzylphthalate	20.956	149	320712	46.595	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.914	252	223546	36.884	ng/ul	93
85) Benzo(a)anthracene	22.002	228	766620	42.101	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.832	149	490602	47.640	ng/ul	98
87) Chrysene	22.078	228	705434	41.541	ng/ul	98
89) Di-n-octyl phthalate	23.159	149	828363	47.787	ng/ul	100
90) Benzo(b)fluoranthene	24.440	252	786400	45.517	ng/ul	97
91) Benzo(k)fluoranthene	24.523	252	764912	42.701	ng/ul	97
93) Benzo(a)pyrene	25.433	252	704295	42.416	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.728	276	758629m	40.173	ng/ul	
95) Dibenzo(a,h)anthracene	29.822	278	568504m	37.461	ng/ul	
96) Benzo(g,h,i)perylene	31.062	276	641646	42.180	ng/ul	98

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

Instrument :
BNA_G
ClientSampleId :
SLCS606

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
Data File : BG059187.D
Acq On : 25 Sep 2023 17:11
Operator : MA/JU
Sample : PB155606BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 25 23:54:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 25 22:33:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS606

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023