Quantitation Report (Qedit)

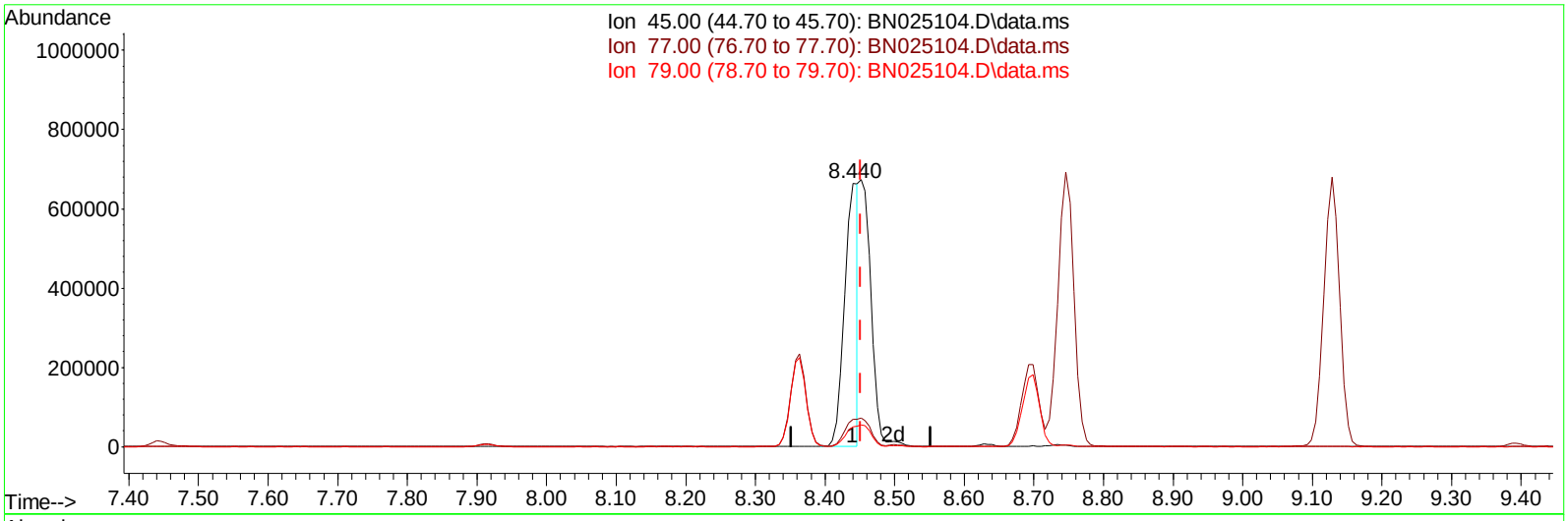
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025104.D
Acq On : 23 Apr 2023 08:24
Operator : CG/JU
Sample : PB152283BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

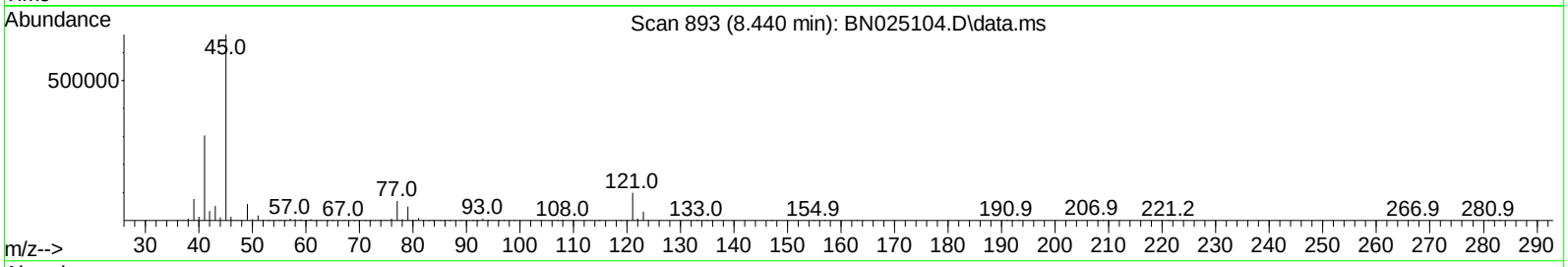
Quant Time: Apr 24 00:43:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 01:54:00 2023
Response via : Initial Calibration

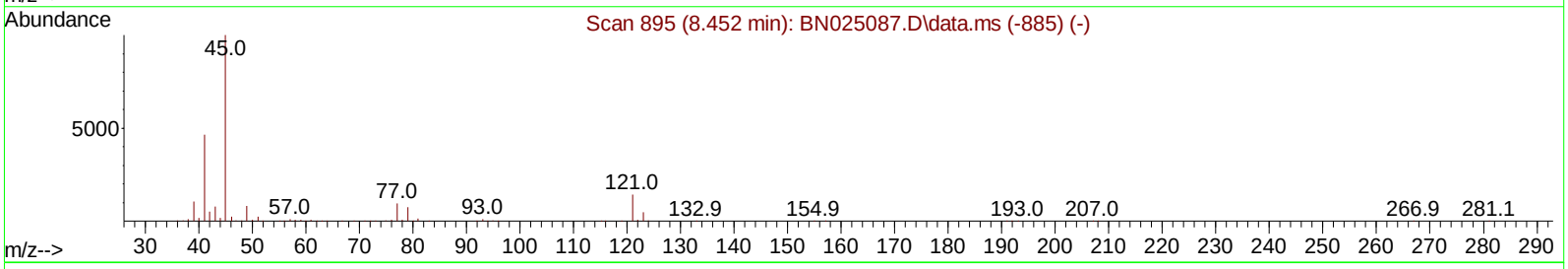
Instrument :
BNA_N
ClientSampleId :
SLCS283

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023







TIC: BN025104.D\data.ms

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

8.440min (-0.012) 18.90 ng/ul

response 897584

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	10.50	10.46
79.00	8.20	7.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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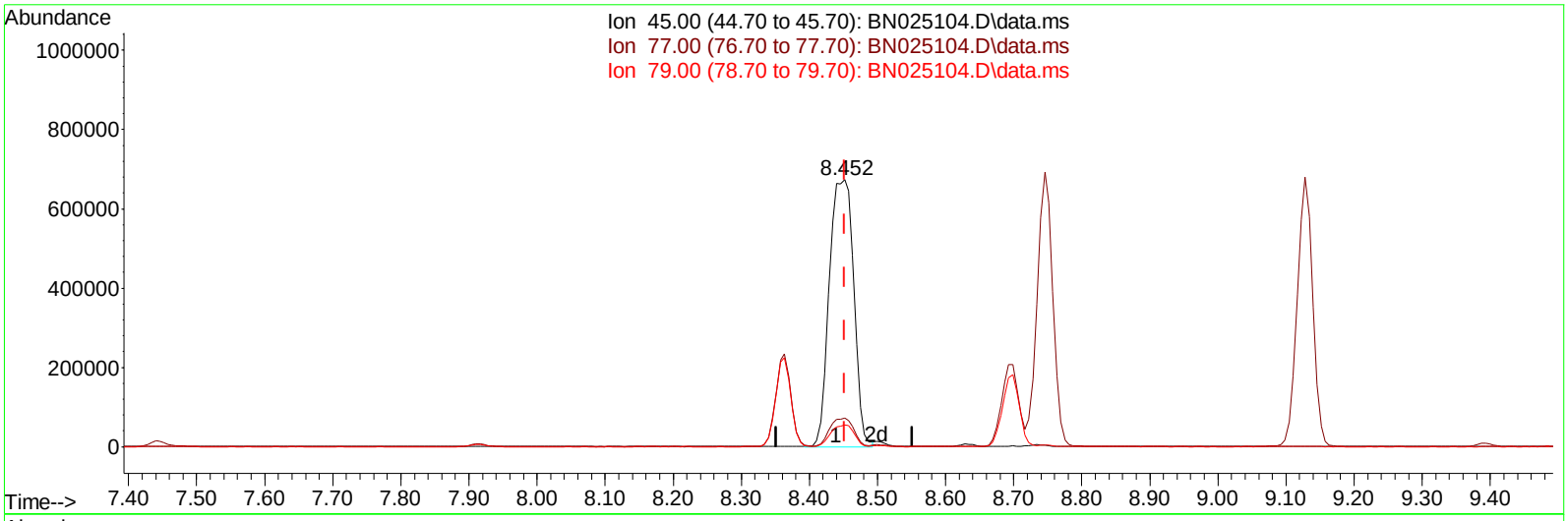

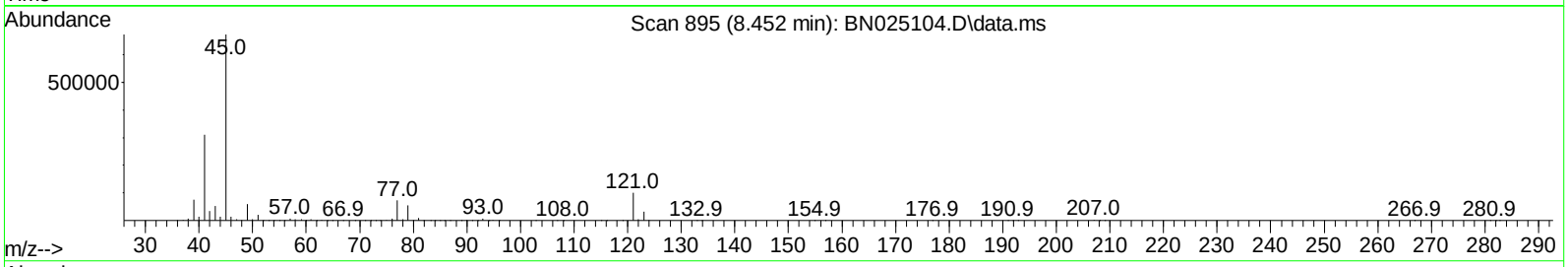

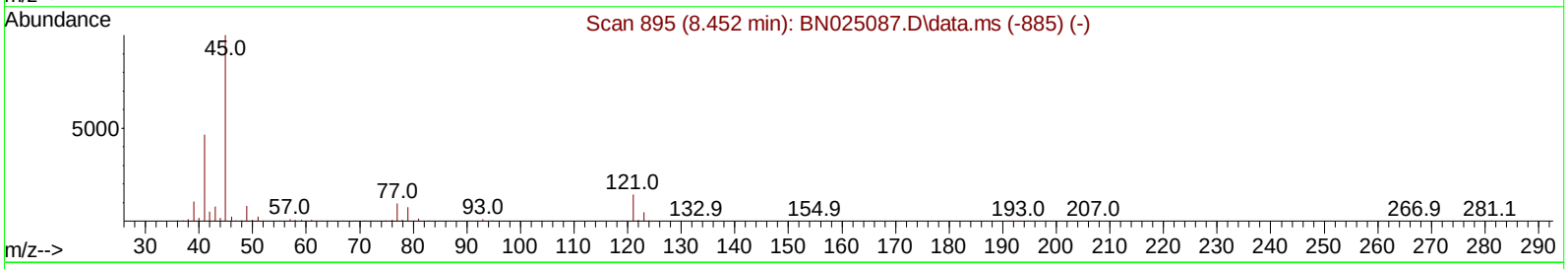

TIC: BN025104.D\data.ms

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

8.452min (+ 0.000) 35.40 ng/ul m

response 1680886

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	10.50	10.81
79.00	8.20	8.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025104.D
Acq On : 23 Apr 2023 08:24
Operator : CG/JU
Sample : PB152283BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 24 00:43:12 2023
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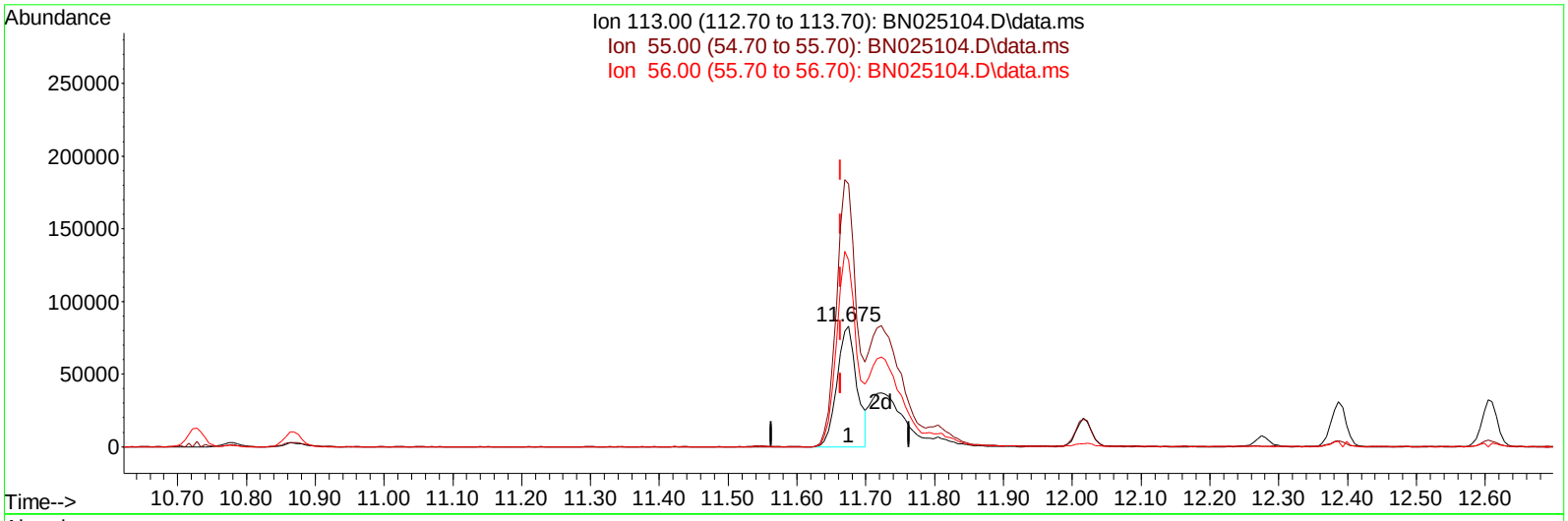

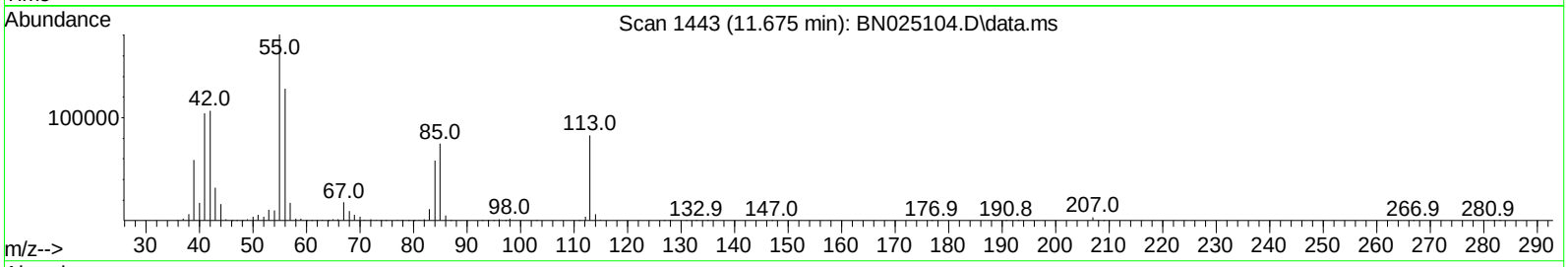

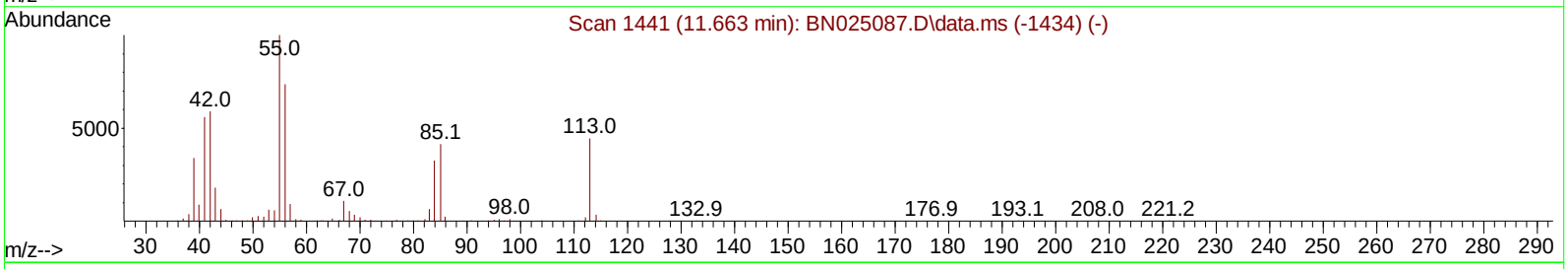

TIC: BN025104.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 21.24 ng/ul

response 164554

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	218.07
56.00	166.90	154.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 24 00:43:12 2023
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Manual IntegrationsAPPROVED

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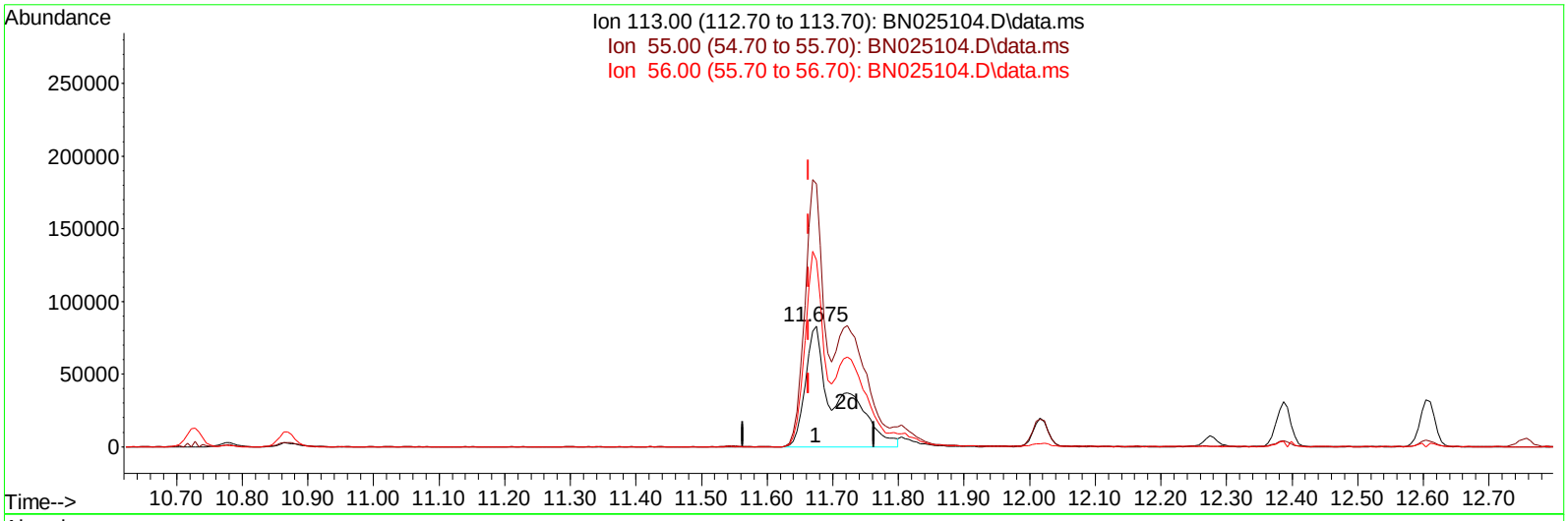

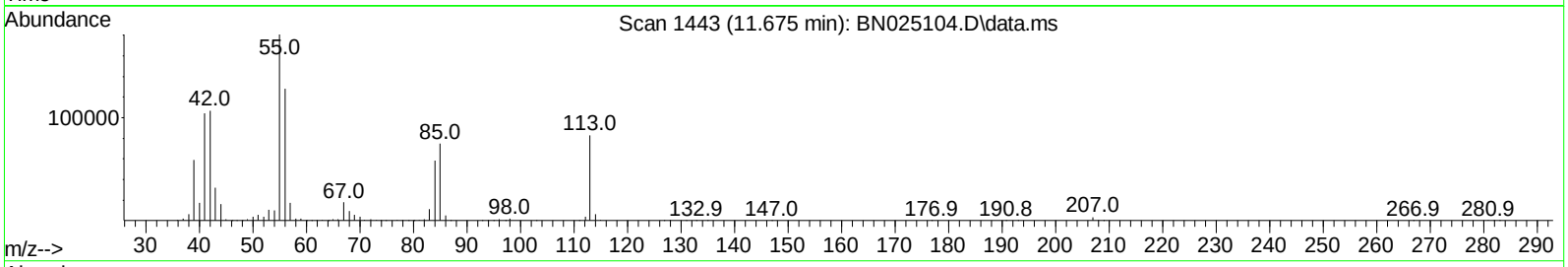

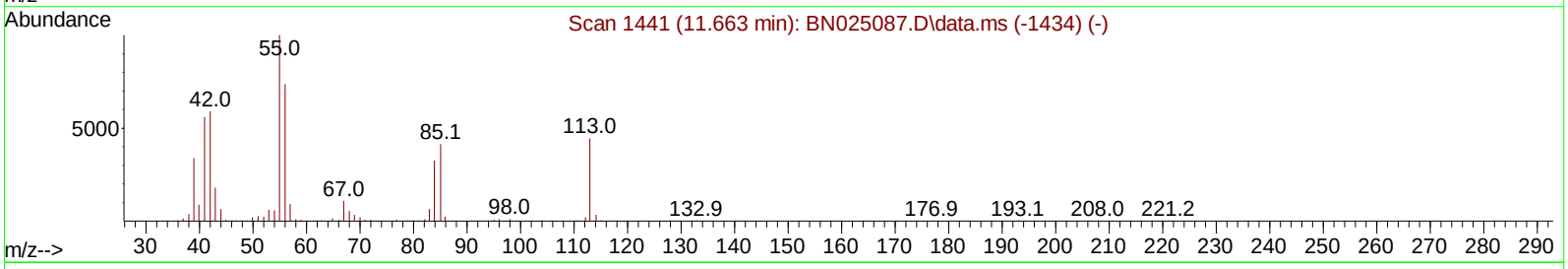

TIC: BN025104.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 37.52 ng/ul m

response 290715

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	218.07
56.00	166.90	154.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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Acq On : 23 Apr 2023 08:24
Operator : CG/JU
Sample : PB152283BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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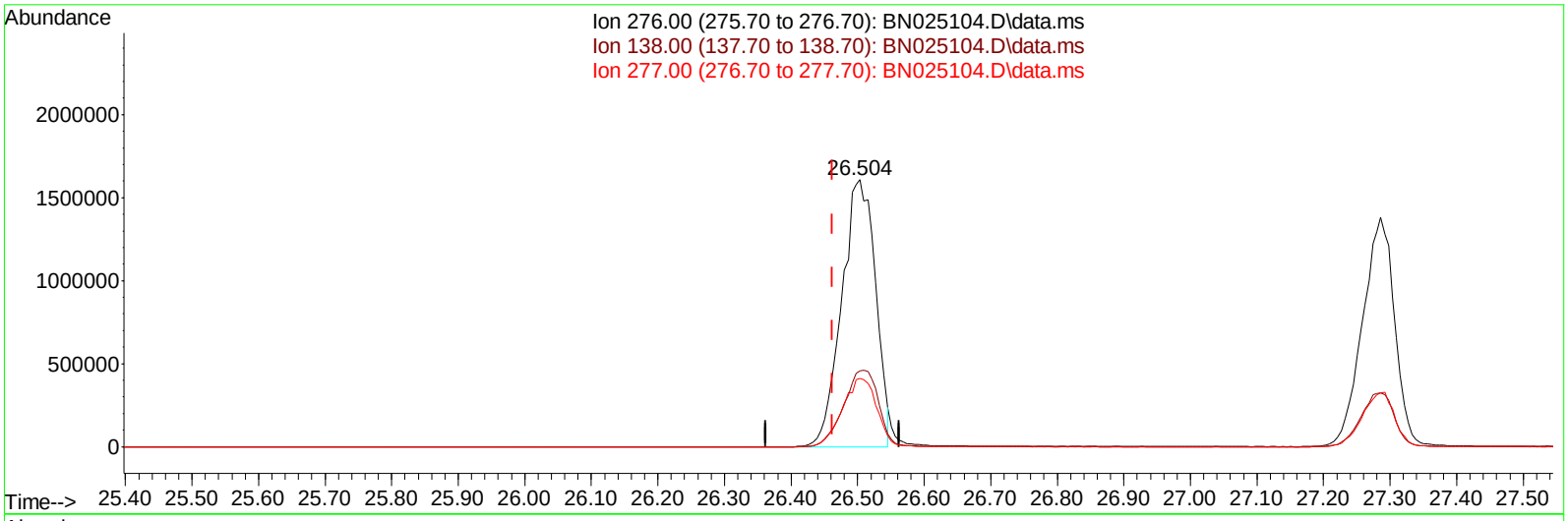

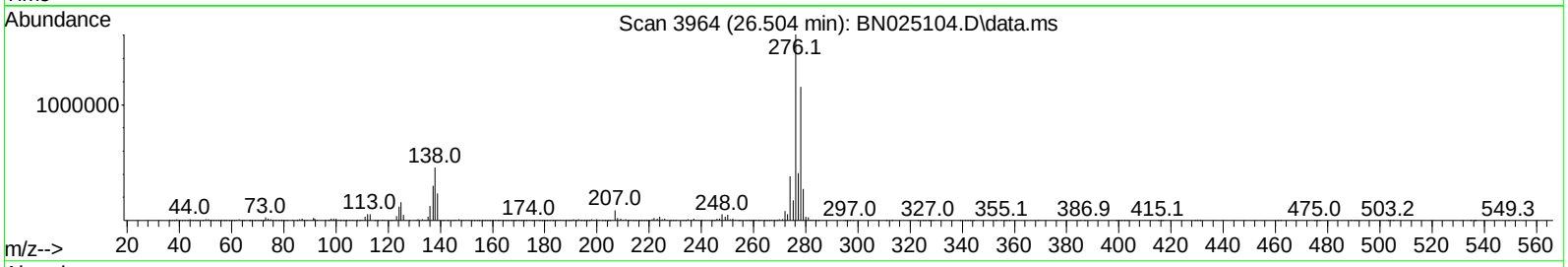

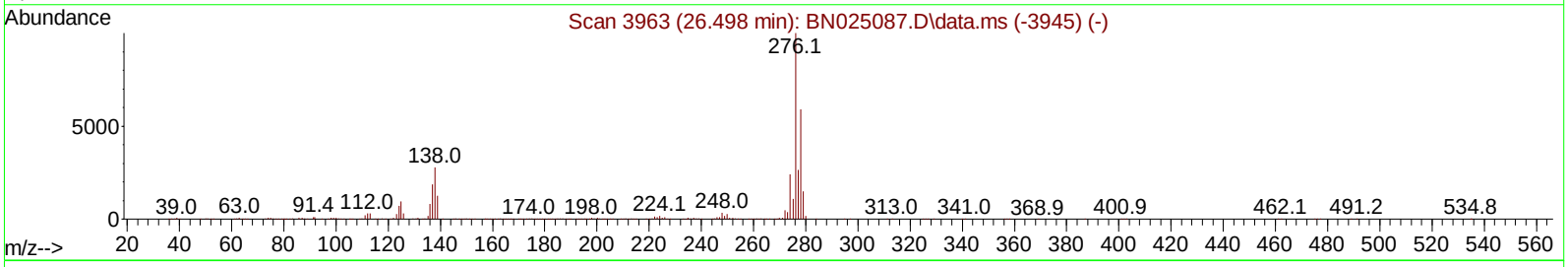

TIC: BN025104.D\data.ms

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

26.504min (+ 0.041) 35.42 ng/ul

response 5659577

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	28.53
277.00	24.70	25.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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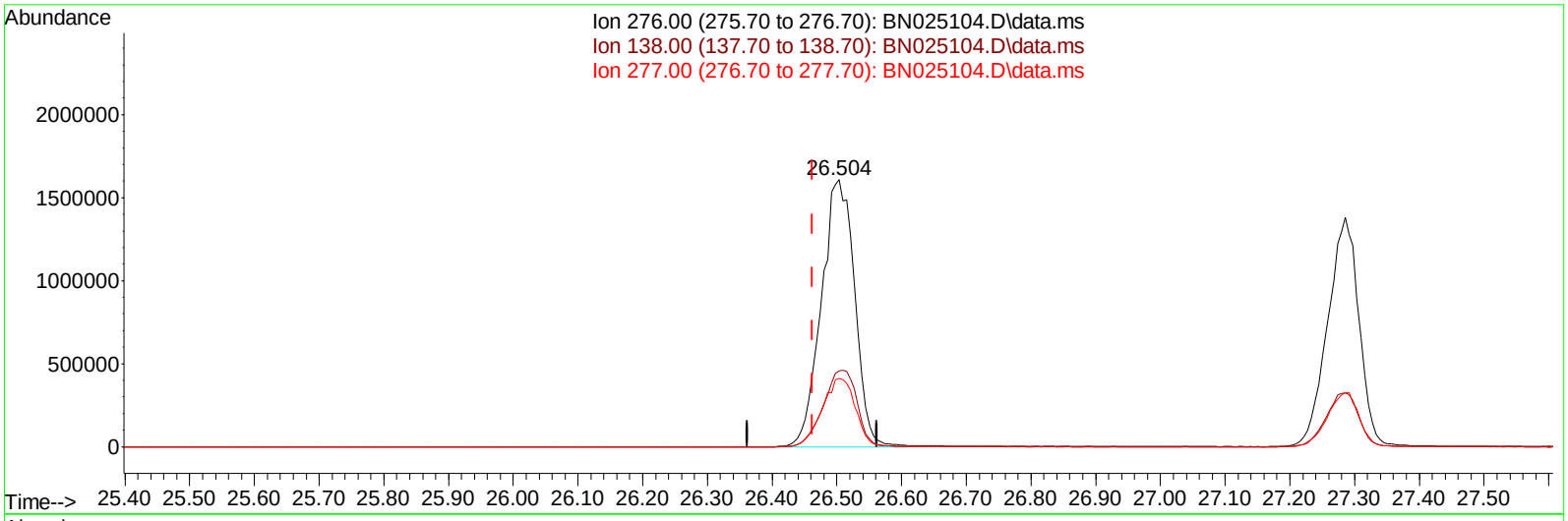

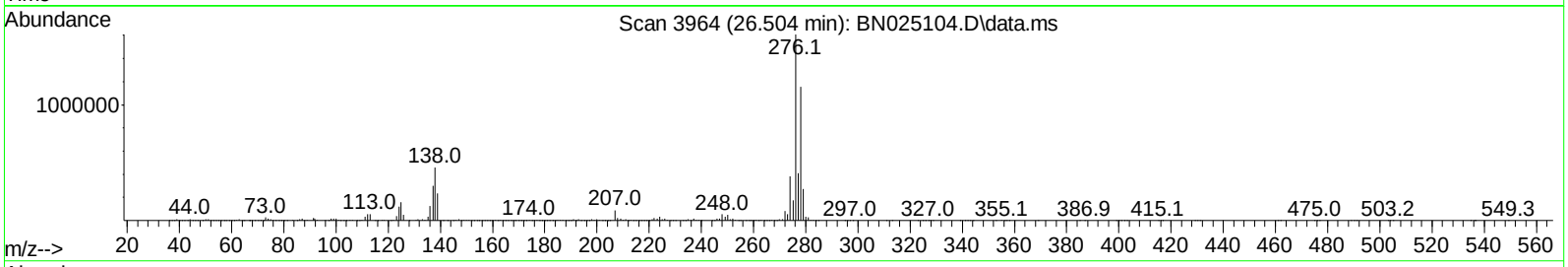

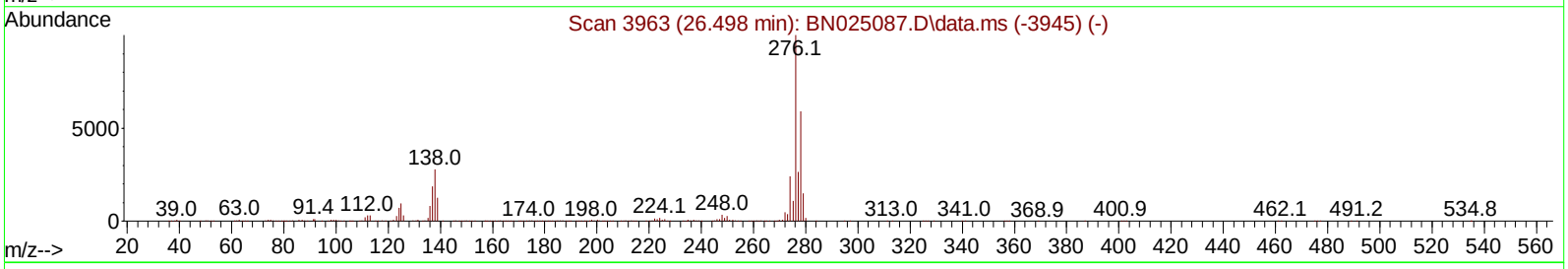

TIC: BN025104.D\data.ms

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

26.504min (+ 0.041) 36.16 ng/ul m

response 5778865

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	28.53
277.00	24.70	25.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025104.D
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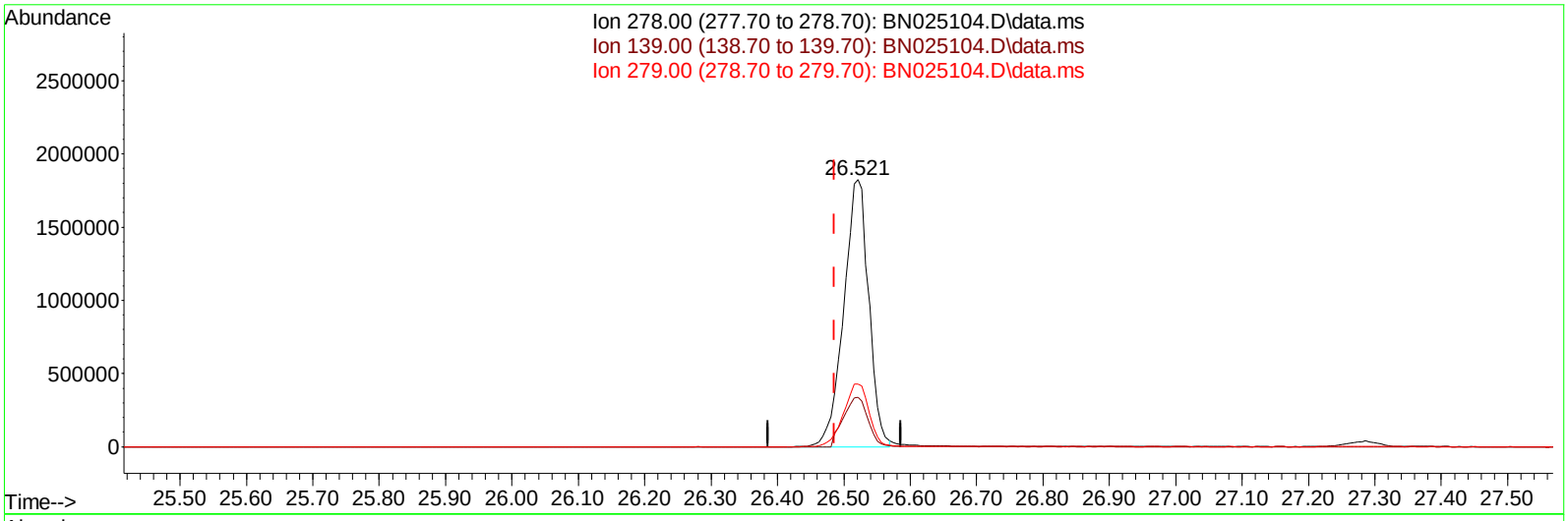

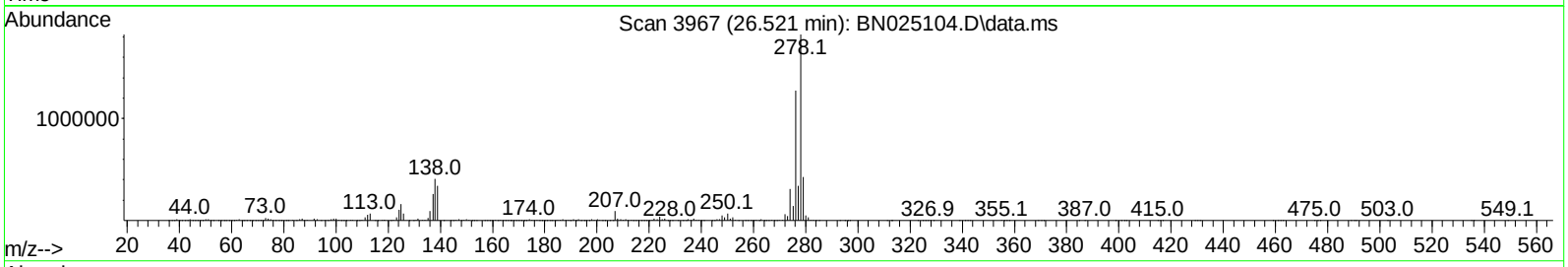

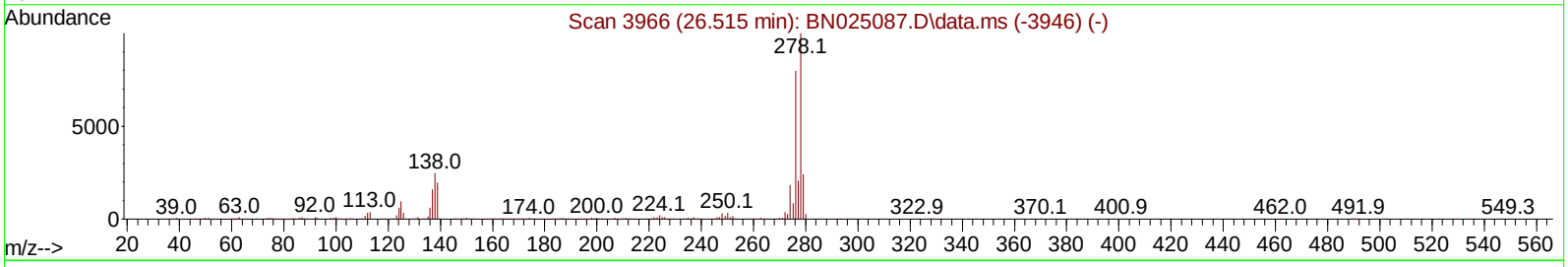

TIC: BN025104.D\data.ms

(95) Dibenzo(a,h)anthracene

26.521min (+ 0.035) 36.13 ng/ul

response 4765931

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.20	18.63
279.00	22.80	23.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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ALS Vial : 36 Sample Multiplier: 1

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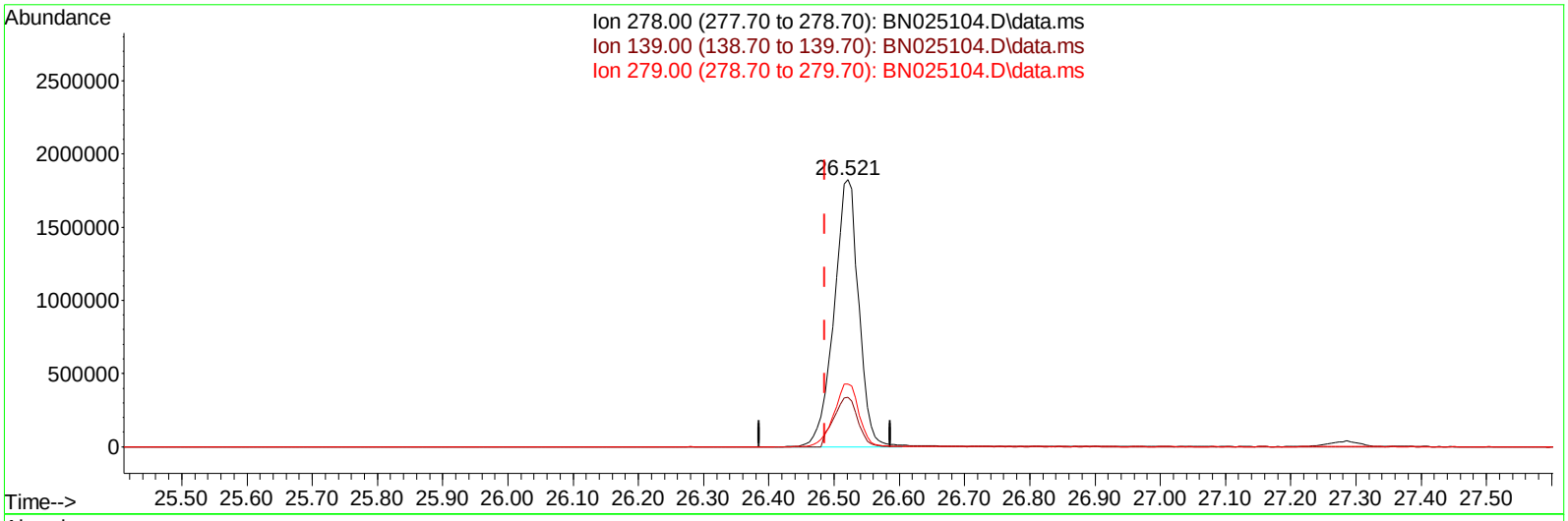

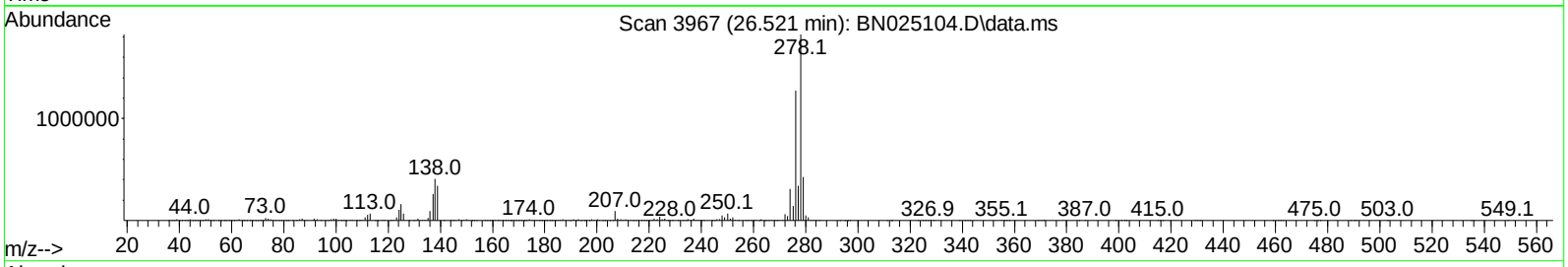

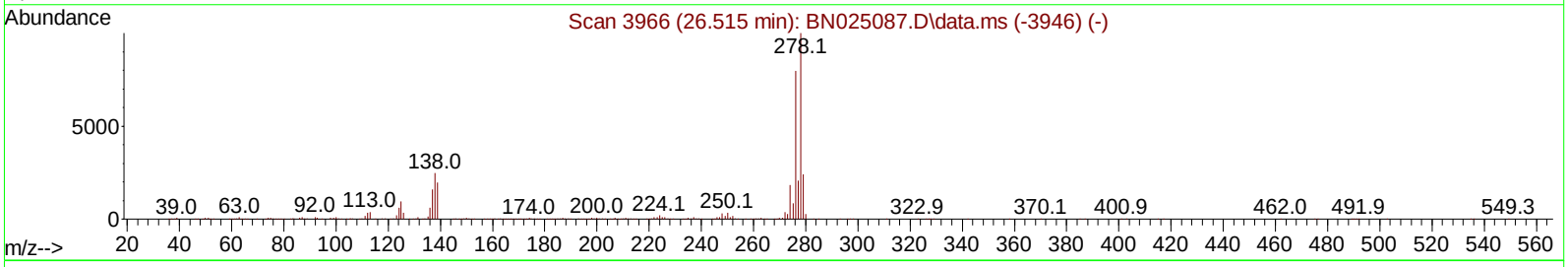

TIC: BN025104.D\data.ms

(95) Dibenzo(a,h)anthracene

26.521min (+ 0.035) 36.40 ng/ul m

response 4802056

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.20	18.63
279.00	22.80	23.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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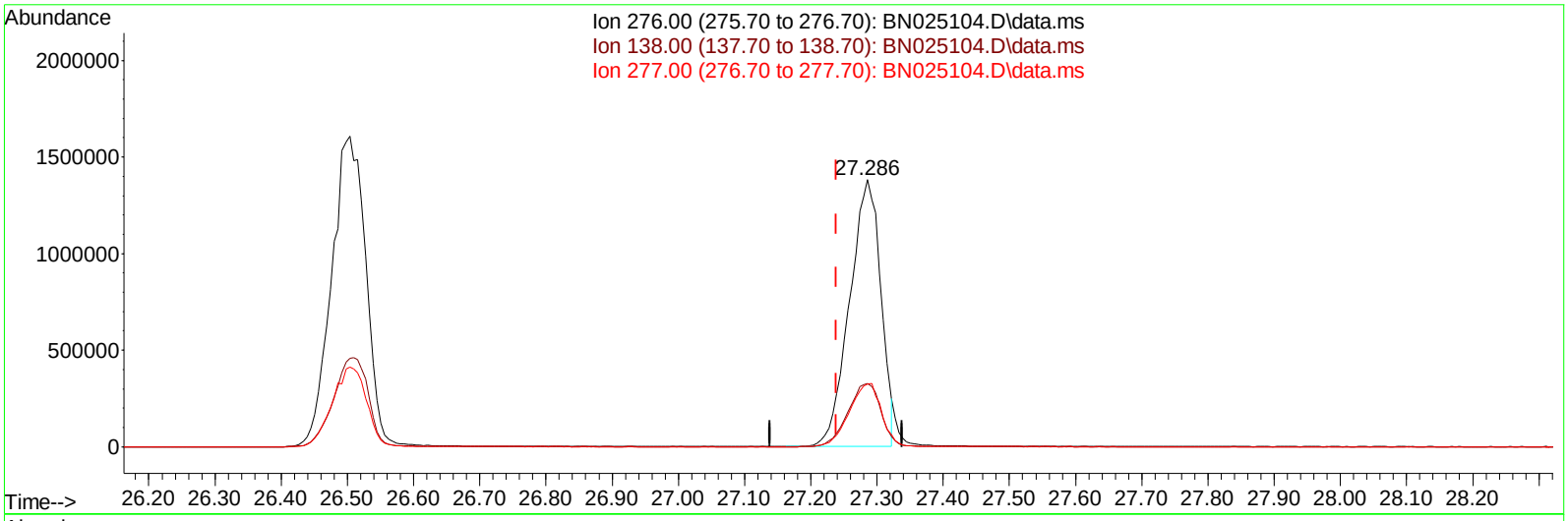

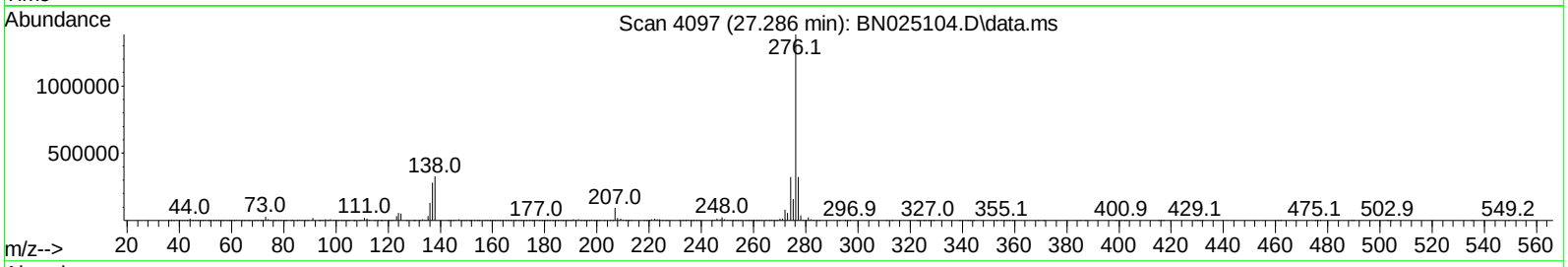

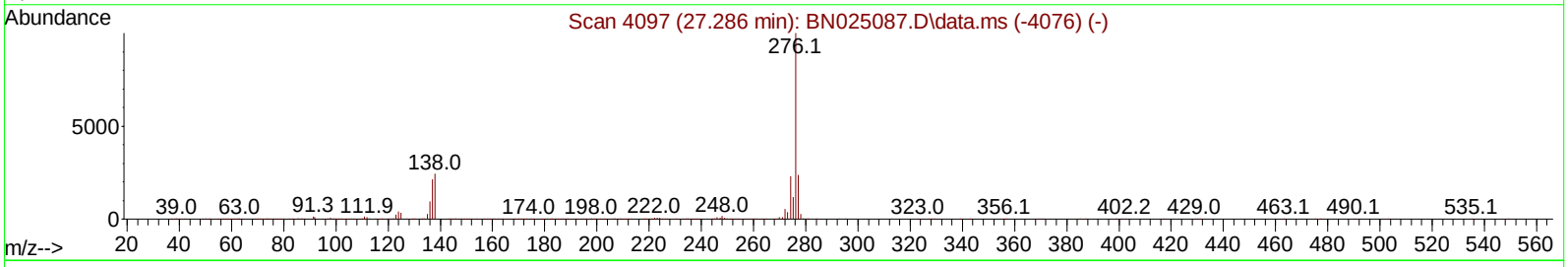

TIC: BN025104.D\data.ms

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

27.286min (+ 0.047) 34.77 ng/ul

response 4508770

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.80	23.61
277.00	22.00	23.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 36 Sample Multiplier: 1

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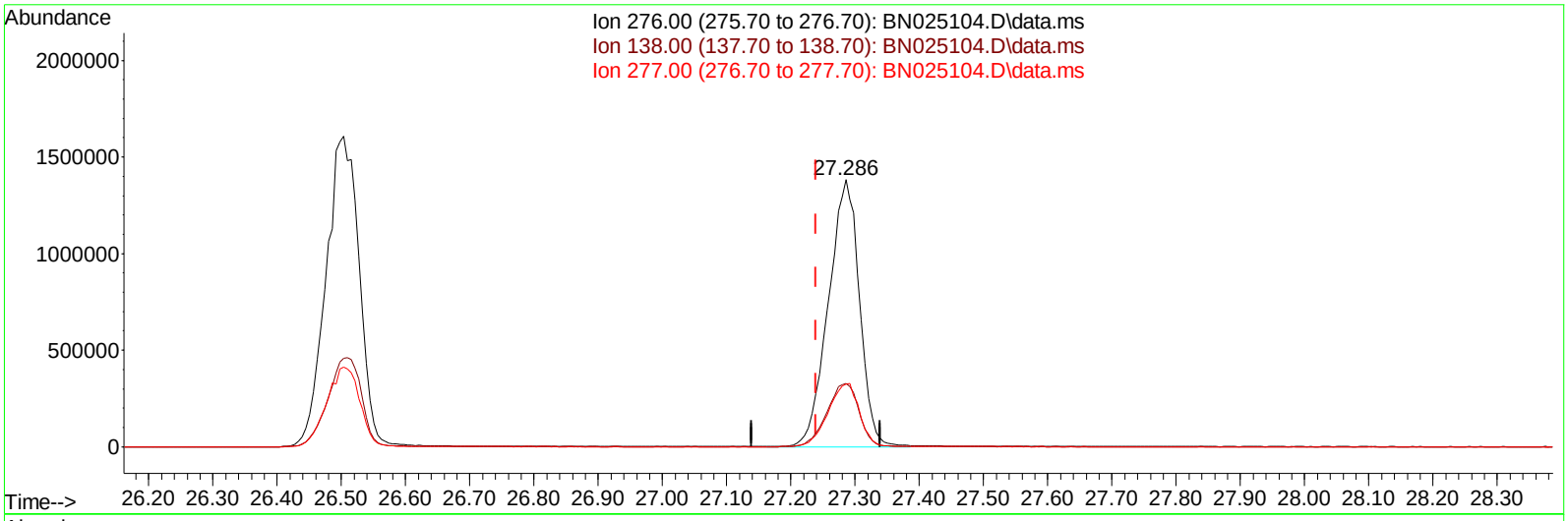

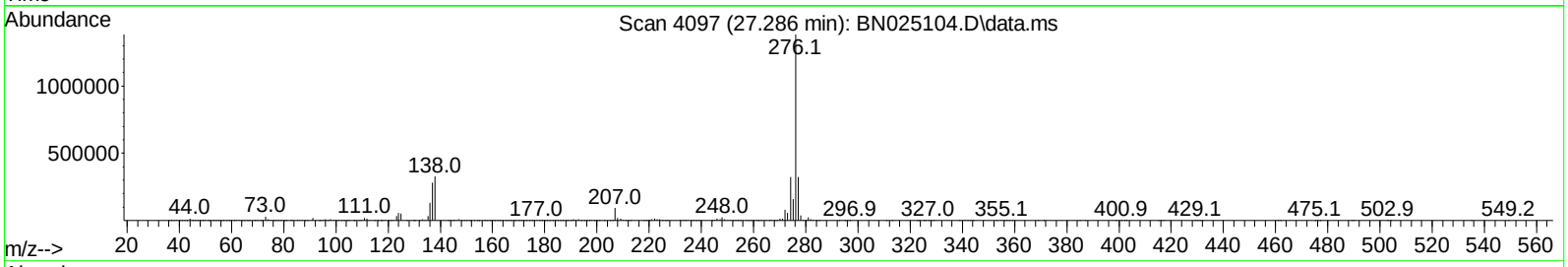

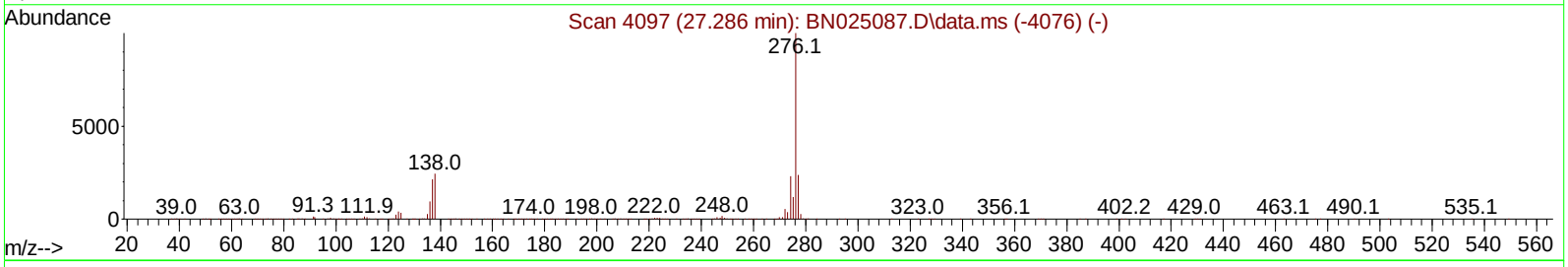

TIC: BN025104.D\data.ms

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

27.286min (+ 0.047) 35.82 ng/ul m

response 4644513

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.80	23.61
277.00	22.00	23.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	303357	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	1405081	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	921850	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	2072532	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1985738	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	2297009	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	49980	6.271	ng/uL	0.00
4) Pyridine-d5	3.717	84	773367	32.403	ng/ul	0.00
7) Phenol-d5	7.075	99	1066910	36.074	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	716611	36.226	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	817081	37.593	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	874563	37.249	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	421738	37.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	481252	39.054	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	857751	38.943	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	1211807	36.254	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	2700025	37.782	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	3038417	37.103	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	572938	39.111	ng/ul	0.00
60) Fluorene-d10	15.557	176	2229803	36.956	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	522262	38.721	ng/ul	0.00
73) Anthracene-d10	17.410	188	3597931	36.963	ng/ul	0.00
81) Pyrene-d10	19.704	212	4261956	36.961	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	4484908	37.342	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	103733	12.060	ng/uL	98
5) Pyridine	3.734	79	770707	31.255	ng/ul	99
6) Benzaldehyde	7.052	77	610116	42.221	ng/ul	97
8) Phenol	7.105	94	1098910	35.677	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.340	93	856185	35.407	ng/ul	98
12) 2-Chlorophenol	7.475	128	804345	35.433	ng/ul	100
13) 2-Methylphenol	8.363	108	811959	35.905	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.452	45	1680886m	35.400	ng/ul	
16) Acetophenone	8.746	105	1352685	36.435	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.734	70	742514	37.079	ng/ul	100
18) 4-Methylphenol	8.693	108	907230	36.077	ng/ul	98
19) Hexachloroethane	8.999	117	319224	34.844	ng/ul	91
22) Nitrobenzene	9.128	77	1079999	35.329	ng/ul	99
23) Isophorone	9.657	82	2075728	36.990	ng/ul	99
25) 2-Nitrophenol	9.840	139	489499	36.825	ng/ul	98
26) 2,4-Dimethylphenol	9.899	107	955290	34.133	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.140	93	1235896	35.390	ng/ul	99
29) 2,4-Dichlorophenol	10.375	162	814198	36.832	ng/ul	98
30) Naphthalene	10.781	128	2727394	34.756	ng/ul	99
32) 4-Chloroaniline	10.893	127	1090357	32.224	ng/ul	100
33) Hexachlorobutadiene	11.057	225	470014	36.479	ng/ul	95
34) Caprolactam	11.675	113	290715m	37.521	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	982956	37.925	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025104.D
Acq On : 23 Apr 2023 08:24
Operator : CG/JU
Sample : PB152283BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 24 00:43:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 01:54:00 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS283

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.387	142	1872389	36.104	ng/ul	99
37) 1-Methylnaphthalene	12.604	142	1912887	36.949	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.757	216	944189	35.114	ng/ul	96
40) Hexachlorocyclopentadiene	12.734	237	520454	31.741	ng/ul	97
41) 2,4,6-Trichlorophenol	12.998	196	672251	36.590	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	737109	36.662	ng/ul	97
43) 1,1'-Biphenyl	13.398	154	2560384	34.860	ng/ul	99
44) 2-Chloronaphthalene	13.440	162	1962166	34.405	ng/ul	98
45) 2-Nitroaniline	13.651	65	751171	37.719	ng/ul	97
47) Dimethylphthalate	14.022	163	2642972	36.757	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	554747	39.526	ng/ul	98
50) Acenaphthylene	14.287	152	3216597	35.761	ng/ul	99
51) 3-Nitroaniline	14.475	138	593983	40.273	ng/ul	98
52) Acenaphthene	14.628	153	2212196	35.575	ng/ul	98
53) 2,4-Dinitrophenol	14.681	184	341992	37.898	ng/ul	98
55) 4-Nitrophenol	14.781	109	454202	38.095	ng/ul	100
56) Dibenzofuran	14.963	168	3042181	35.493	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	824427	40.580	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.192	232	630166	38.063	ng/ul	94
59) Diethylphthalate	15.387	149	2752328	38.093	ng/ul	97
61) Fluorene	15.610	166	2548026	36.960	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.604	204	1192934	37.176	ng/ul	99
63) 4-Nitroaniline	15.640	138	654400	45.023	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	481603	36.451	ng/ul	99
67) N-Nitrosodiphenylamine	15.822	169	2147093	34.147	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	766217	36.780	ng/ul	97
69) Hexachlorobenzene	16.616	284	877646	37.210	ng/ul	99
70) Atrazine	16.775	200	673335	31.471	ng/ul	97
71) Pentachlorophenol	16.963	266	549940	37.512	ng/ul	92
72) Phenanthrene	17.357	178	4127413	35.290	ng/ul	100
74) Anthracene	17.445	178	4135151	35.088	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	955720	32.421	ng/uL	99
76) Pentachlorobenzene	14.881	250	987552	35.015	ng/uL	100
77) Carbazole	17.722	167	3893179	36.586	ng/ul	98
78) Di-n-butylphthalate	18.281	149	4957881	39.253	ng/ul	100
80) Fluoranthene	19.375	202	4902658	35.476	ng/ul	98
82) Pyrene	19.739	202	5122242	35.213	ng/ul	97
83) Butylbenzylphthalate	20.633	149	2373799	39.306	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.427	252	1752084	38.456	ng/ul	97
85) Benzo(a)anthracene	21.492	228	5096344	35.735	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	3556161	39.445	ng/ul	98
87) Chrysene	21.545	228	4909579	36.142	ng/ul	98
89) Di-n-octyl phthalate	22.351	149	6461808	40.935	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	5570262	36.977	ng/ul	97
91) Benzo(k)fluoranthene	23.251	252	5074181	34.232	ng/ul	95
93) Benzo(a)pyrene	23.845	252	4725141	35.827	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.504	276	5778865m	36.164	ng/ul	
95) Dibenzo(a,h)anthracene	26.521	278	4802056m	36.400	ng/ul	
96) Benzo(g,h,i)perylene	27.286	276	4644513m	35.819	ng/ul	

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

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