Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042870.D
Acq On : 18 Nov 2023 07:38
Operator : MA/JU
Sample : 05226-09MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 18 21:07:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
YCG47MS

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/20/2023

11/19/2023
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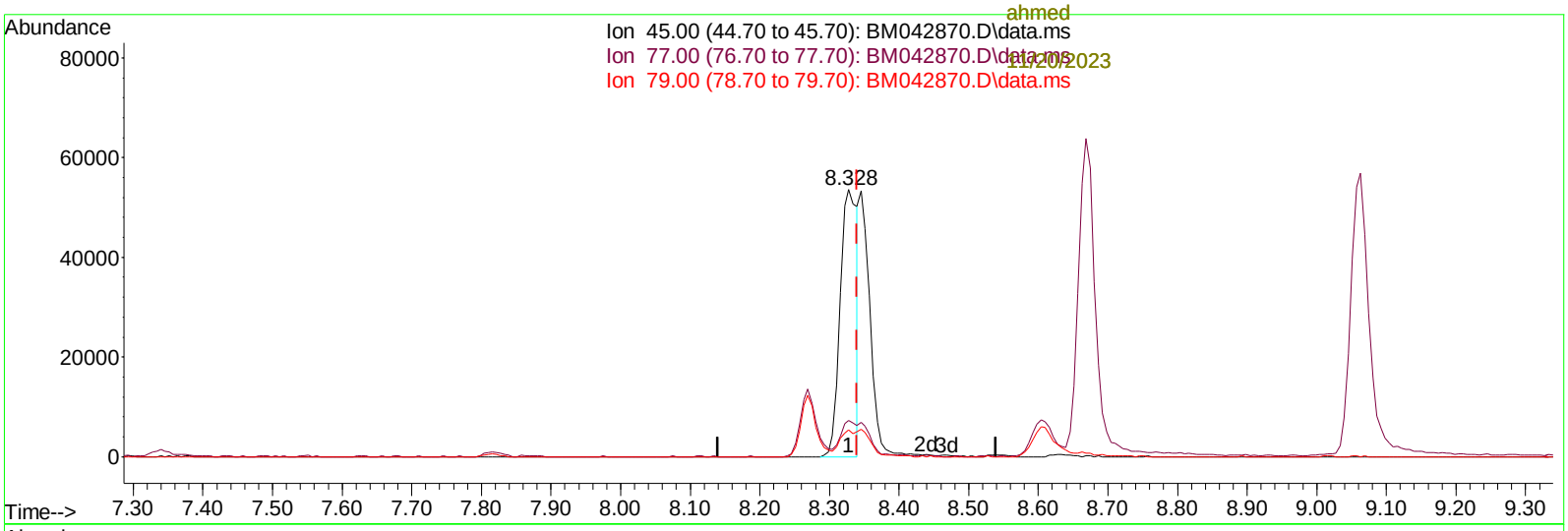

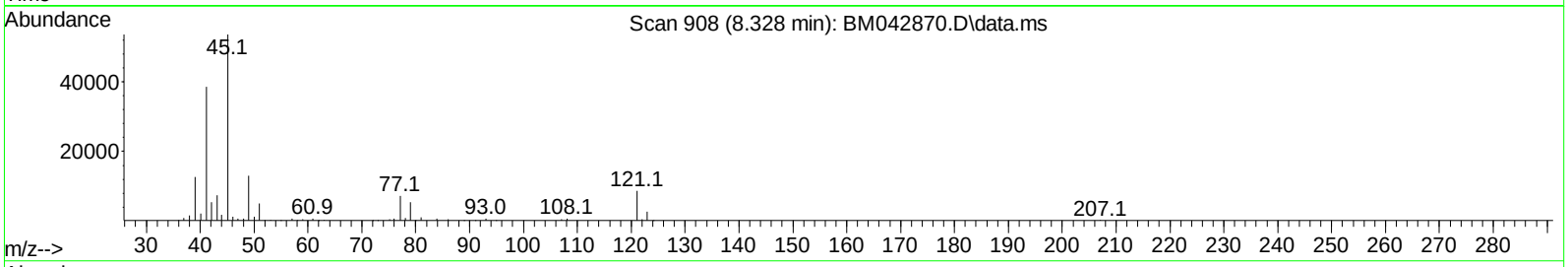

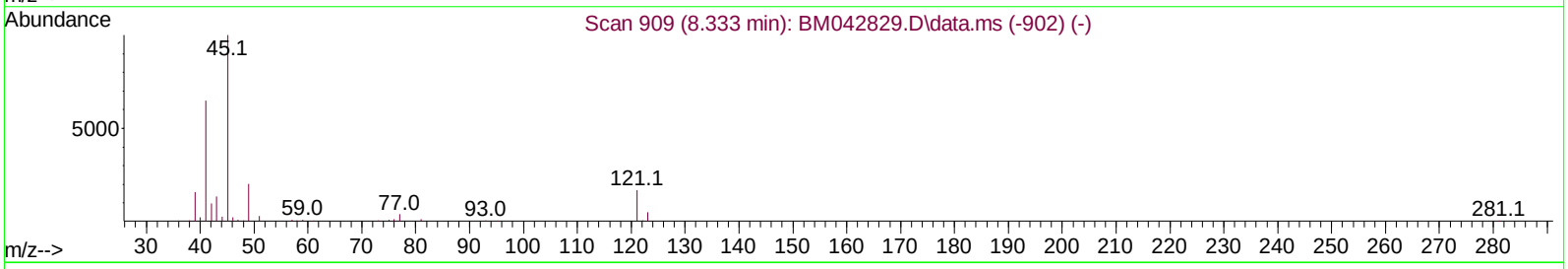

TIC: BM042870.D\data.ms

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

8.328min (-0.012) 27.78 ng/ul

response 90944

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.52
79.00	10.20	10.07
0.00	0.00	0.00

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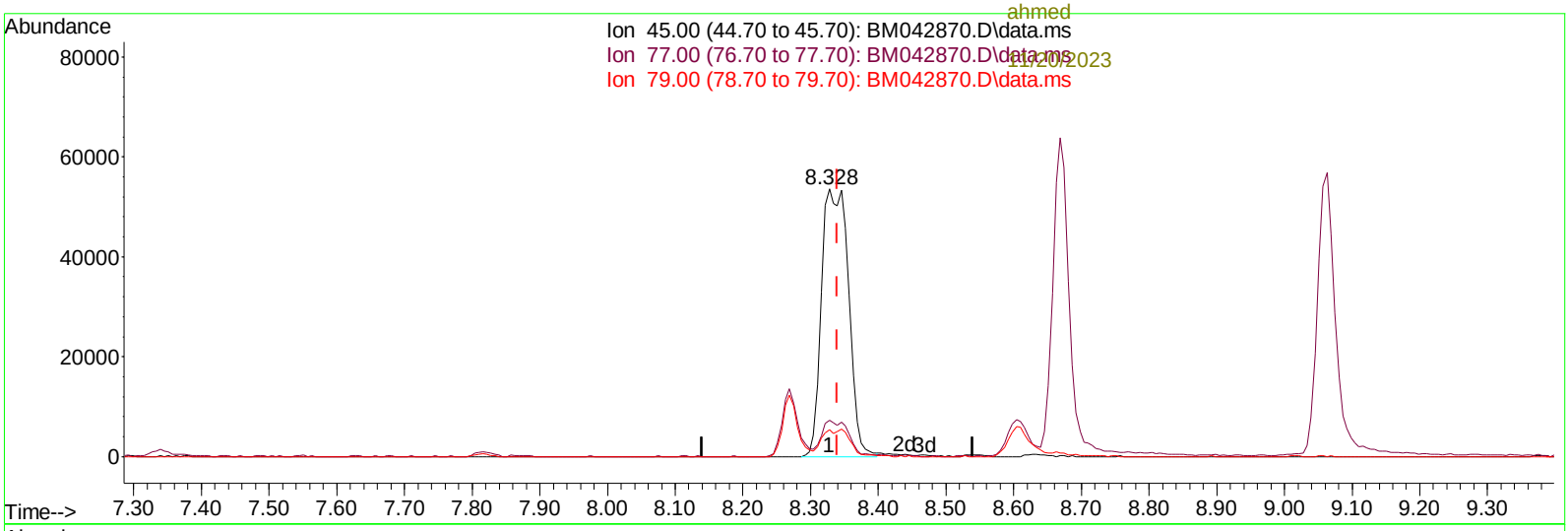

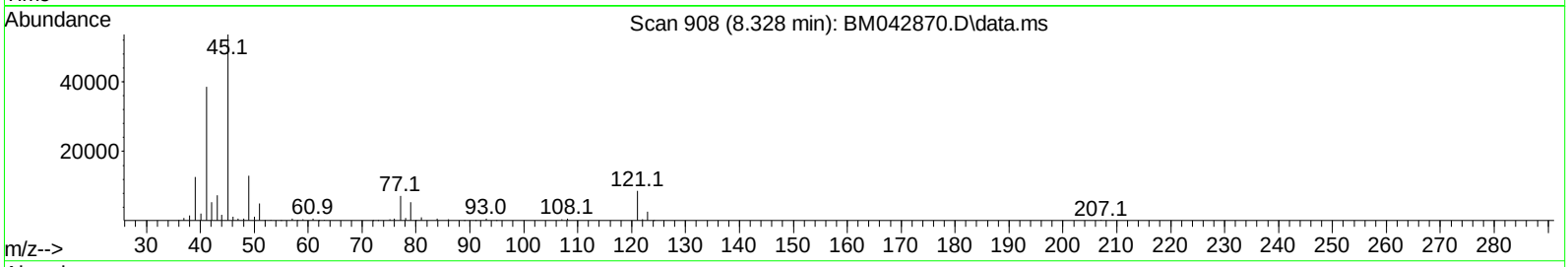

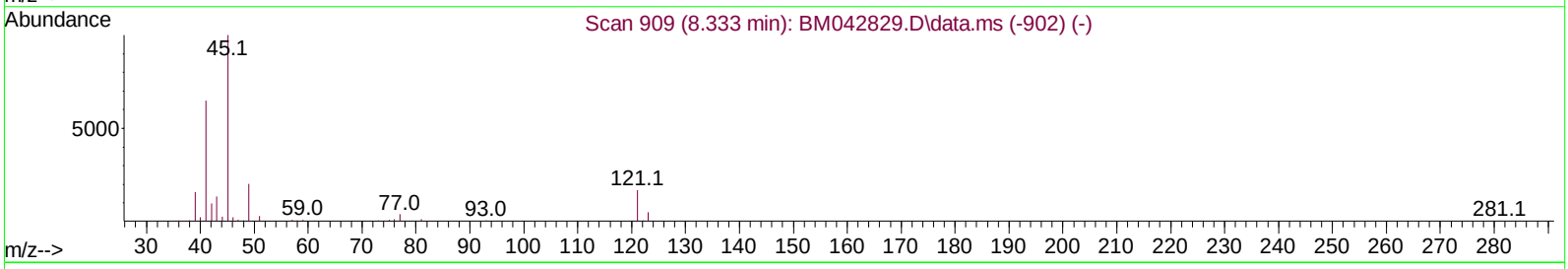

TIC: BM042870.D\data.ms

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

8.328min (-0.012) 45.18 ng/ul m

response 147889

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.52
79.00	10.20	10.07
0.00	0.00	0.00

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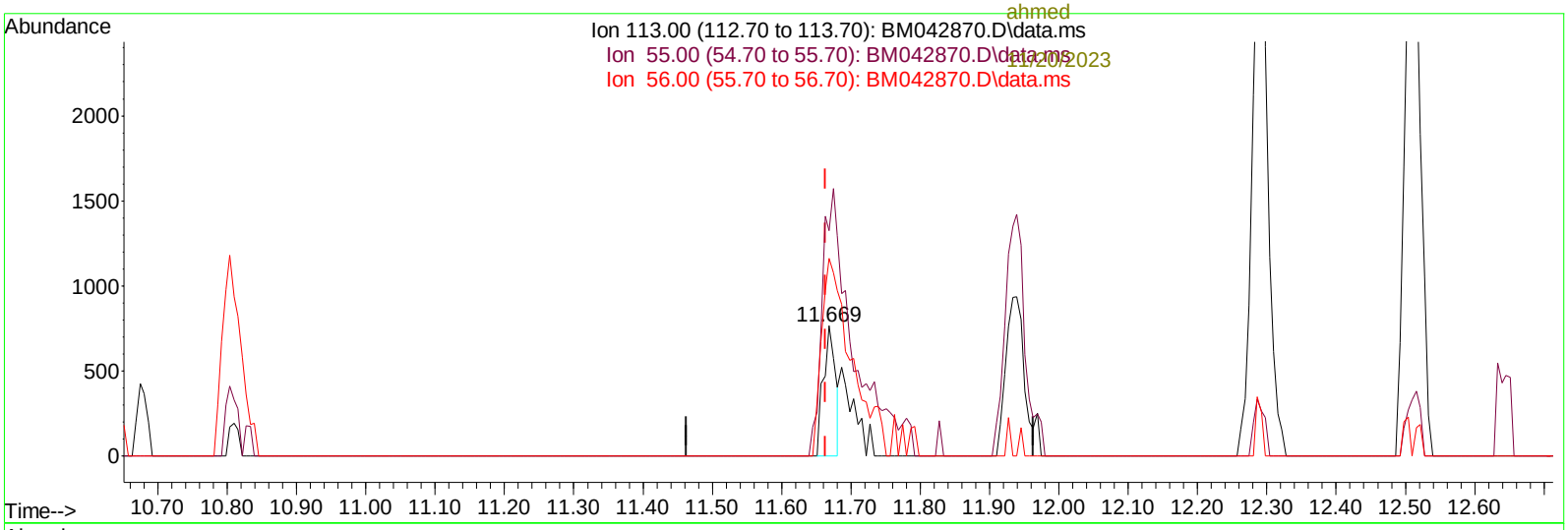

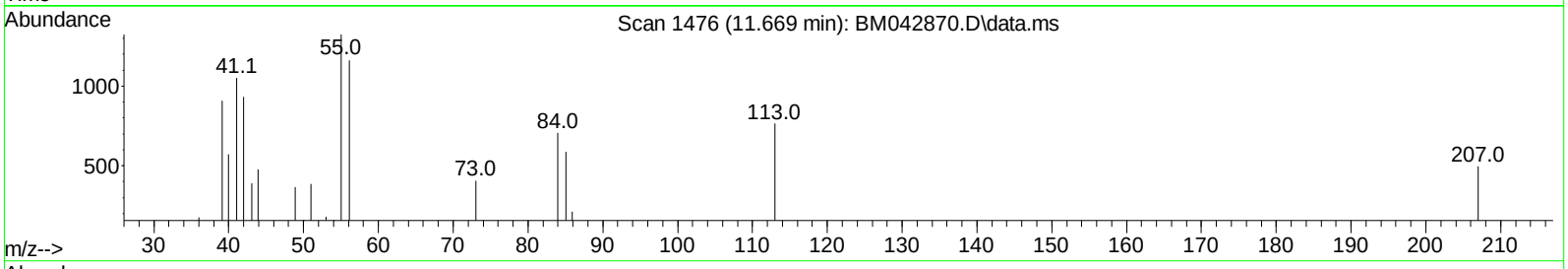

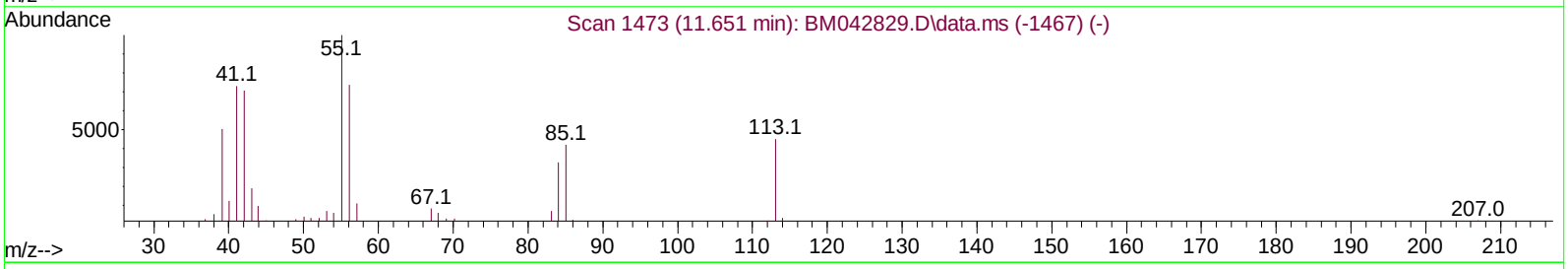

TIC: BM042870.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 1.95 ng/ul

response 929

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	173.30#
56.00	167.90	152.23
0.00	0.00	0.00

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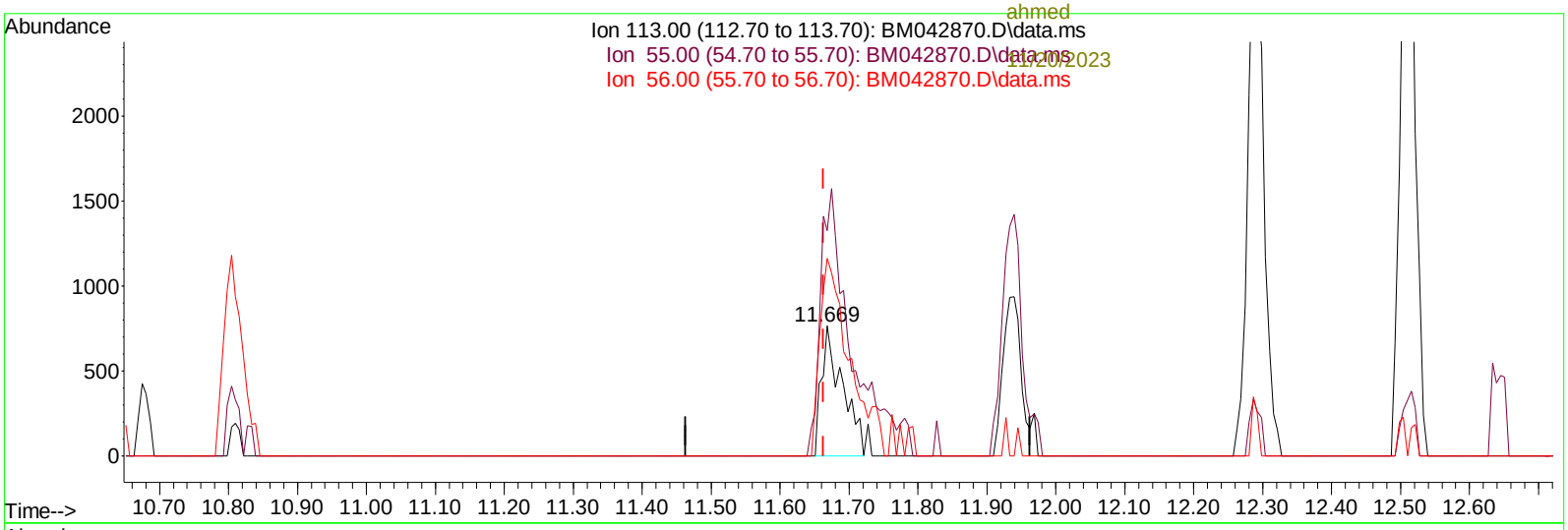

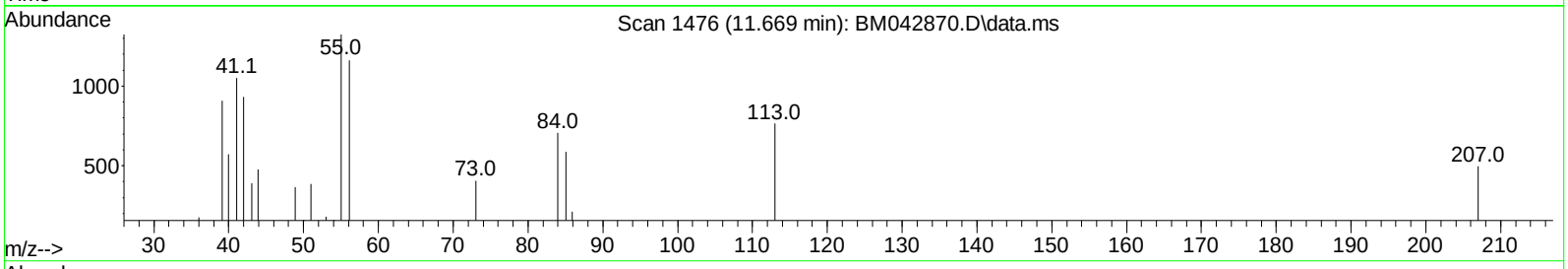

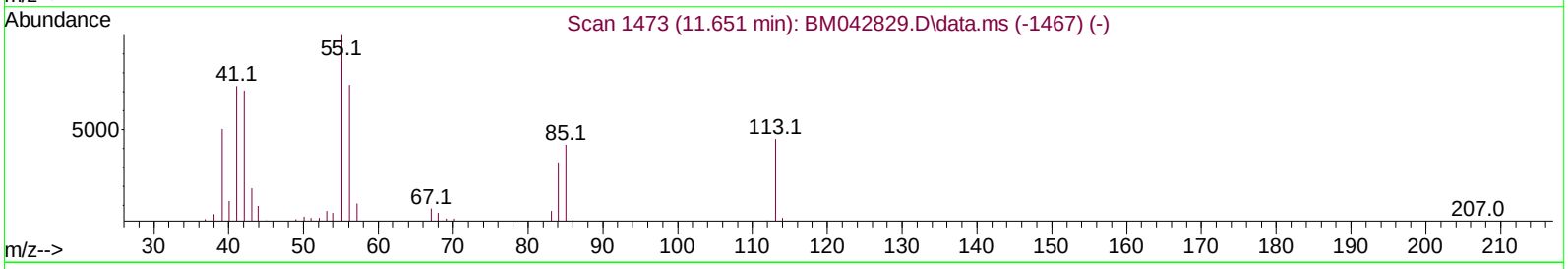

TIC: BM042870.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 3.38 ng/ul m

response 1611

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	173.30#
56.00	167.90	152.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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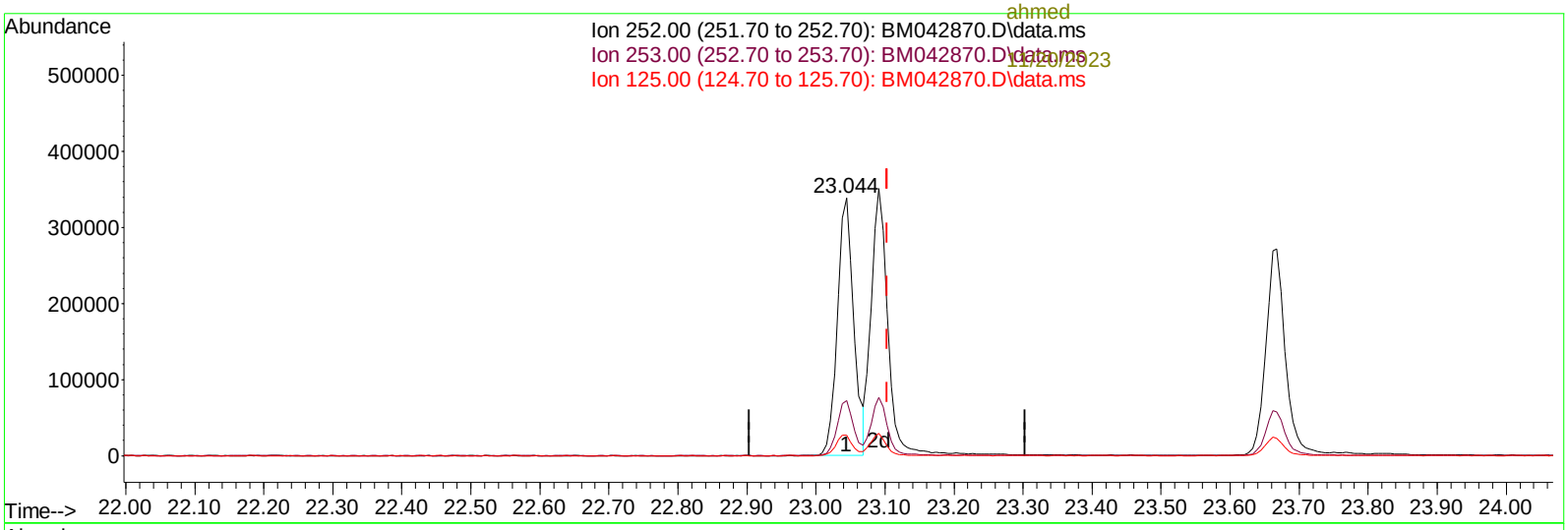

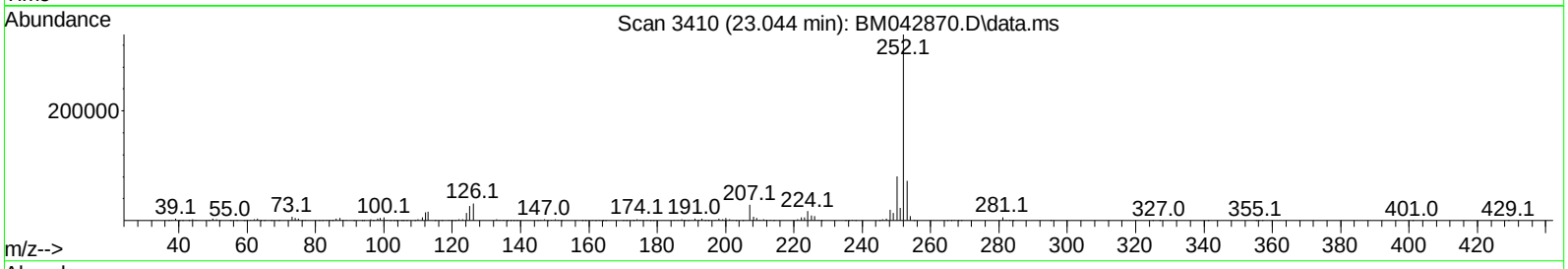

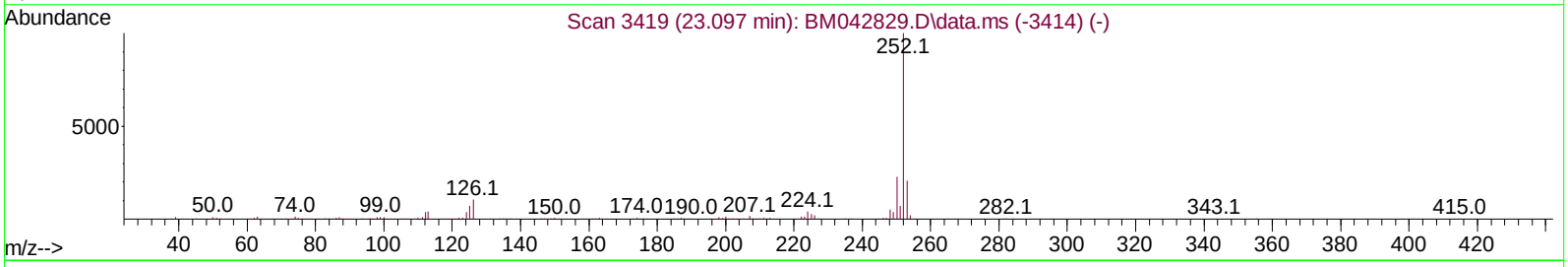

TIC: BM042870.D\data.ms

(91) Benzo(k)fluoranthene

23.044min (-0.059) 45.21 ng/ul

response 559061

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.31
125.00	6.90	7.85
0.00	0.00	0.00

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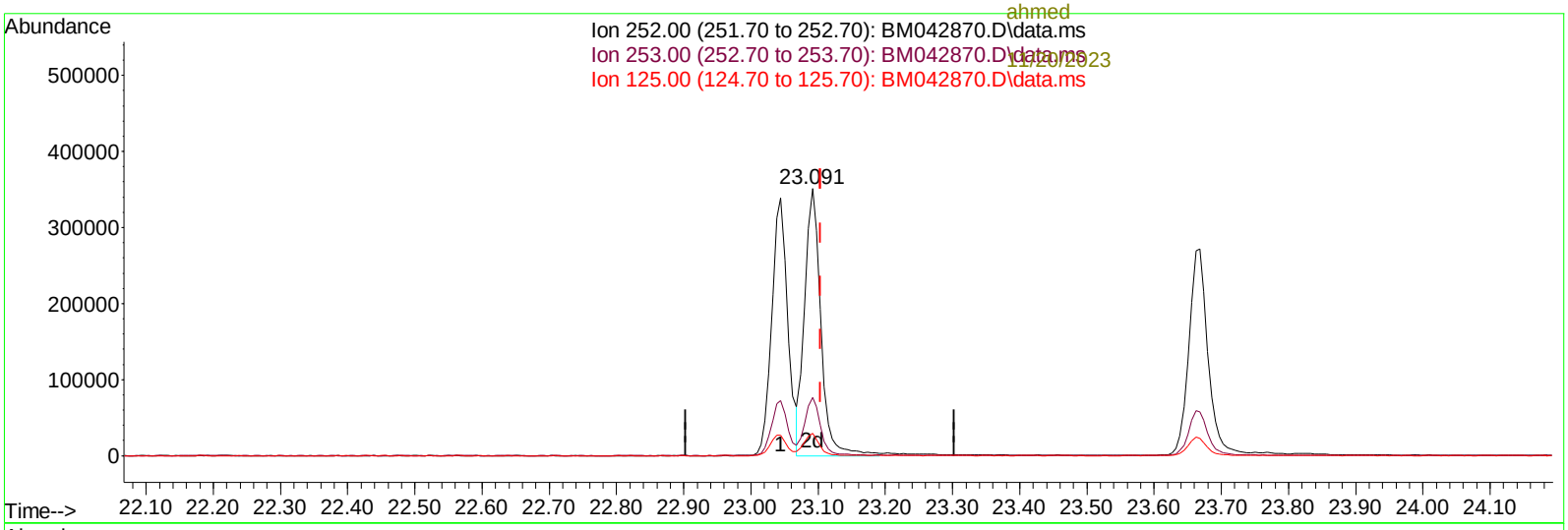

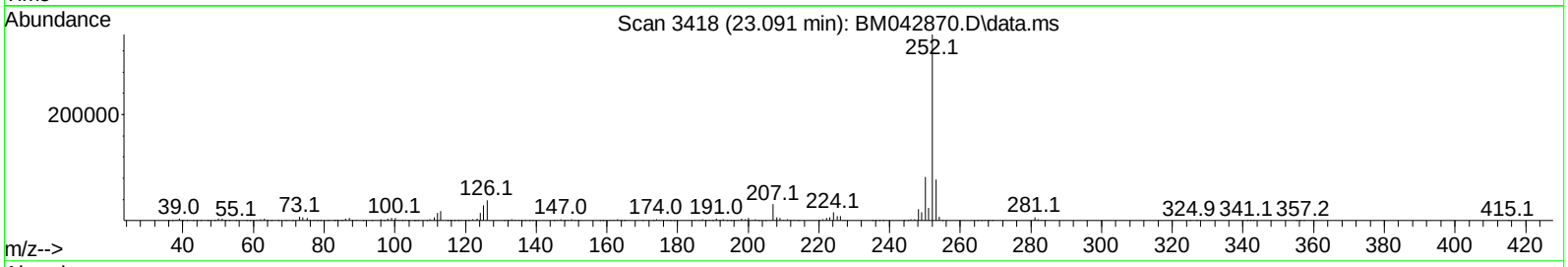

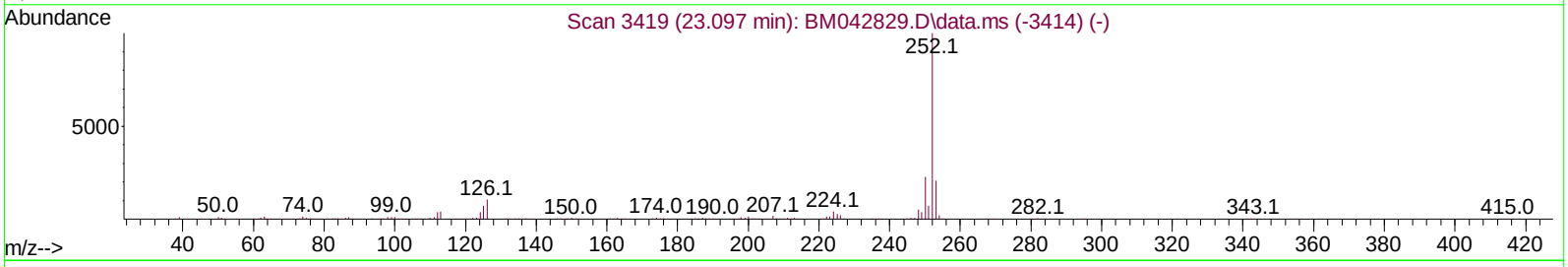

TIC: BM042870.D\data.ms

(91) Benzo(k)fluoranthene

23.091min (-0.012) 47.76 ng/ul m

response 590668

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.92
125.00	6.90	8.34#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	22486	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.628	136	88983	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.474	164	59117	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	136405	20.000	ng/ul	-0.01
79) Chrysene-d12	21.409	240	164075	20.000	ng/ul	#-0.01
88) Perylene-d12	23.768	264	170237	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	3189	4.450	ng/uL	0.00
4) Pyridine-d5	3.616	84	21716	12.183	ng/ul	0.00
7) Phenol-d5	6.992	99	12114	5.535	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	63731	41.444	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	42433	25.129	ng/ul	-0.01
15) 4-Methylphenol-d8	8.539	113	27990	16.244	ng/ul	-0.01
21) Nitrobenzene-d5	9.016	128	28414	36.421	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	28520	31.250	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	54604	32.177	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.804	131	64861	30.103	ng/ul	-0.01
46) Dimethylphthalate-d6	13.898	166	214570	38.350	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	225336	37.641	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.763	143	16422	25.979	ng/ul	0.02
60) Fluorene-d10	15.468	176	183164	39.533	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	35292	34.157	ng/ul	-0.01
73) Anthracene-d10	17.327	188	315544	41.277	ng/ul	-0.01
81) Pyrene-d10	19.621	212	423449	39.412	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.615	264	437758	42.990	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	4507	5.906	ng/uL	91
5) Pyridine	3.634	79	26714	13.782	ng/ul	96
6) Benzaldehyde	6.981	77	59283	47.215	ng/ul	94
8) Phenol	7.016	94	14350	6.592	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.257	93	72522	40.332	ng/ul	88
12) 2-Chlorophenol	7.369	128	46004	27.375	ng/ul#	87
13) 2-Methylphenol	8.269	108	33992	20.940	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.328	45	147889m	45.180	ng/ul	
16) Acetophenone	8.669	105	109515	37.797	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.634	70	71563	40.573	ng/ul	89
18) 4-Methylphenol	8.604	108	30563	17.318	ng/ul	98
19) Hexachloroethane	8.869	117	34551	36.888	ng/ul	84
22) Nitrobenzene	9.063	77	102047	43.278	ng/ul	94
23) Isophorone	9.569	82	190280	40.517	ng/ul	96
25) 2-Nitrophenol	9.763	139	33031	35.623	ng/ul	91
26) 2,4-Dimethylphenol	9.804	107	59622	30.053	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.057	93	100331	42.278	ng/ul	98
29) 2,4-Dichlorophenol	10.280	162	55460	34.519	ng/ul	97
30) Naphthalene	10.680	128	219077	39.299	ng/ul	99
32) 4-Chloroaniline	10.828	127	64832	31.364	ng/ul	100
33) Hexachlorobutadiene	10.898	225	53574	37.749	ng/ul	97
34) Caprolactam	11.669	113	1611m	3.382	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	51789	30.082	ng/ul	98

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11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.292	142	146525	39.217	ng/ul	98
37) 1-Methylnaphthalene	12.510	142	151151	38.478	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.645	216	95233	41.075	ng/ul	98
40) Hexachlorocyclopentadiene	12.586	237	24069	21.928	ng/ul	90
41) 2,4,6-Trichlorophenol	12.904	196	54150	38.237	ng/ul	95
42) 2,4,5-Trichlorophenol	12.980	196	53343	39.009	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	207051	41.997	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	163343	41.184	ng/ul	97
45) 2-Nitroaniline	13.604	65	63782	49.310	ng/ul	91
47) Dimethylphthalate	13.945	163	227118	41.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	42776	41.781	ng/ul	90
50) Acenaphthylene	14.204	152	278790	41.562	ng/ul	99
51) 3-Nitroaniline	14.439	138	31332	37.425	ng/ul	91
52) Acenaphthene	14.539	153	192533	42.440	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	15397	30.246	ng/ul#	84
55) 4-Nitrophenol	14.763	109	11153	11.212	ng/ul#	23
56) Dibenzofuran	14.874	168	268813	42.692	ng/ul	97
57) 2,4-Dinitrotoluene	14.880	165	67764	45.084	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.098	232	57289	40.359	ng/ul	94
59) Diethylphthalate	15.292	149	244430	42.774	ng/ul	99
61) Fluorene	15.521	166	244592	45.754	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	128557	44.622	ng/ul	99
63) 4-Nitroaniline	15.610	138	31928	41.832	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.633	198	41456	39.410	ng/ul	93
67) N-Nitrosodiphenylamine	15.745	169	186962	43.701	ng/ul	99
68) 4-Bromophenyl-phenylether	16.415	248	78081	43.004	ng/ul	89
69) Hexachlorobenzene	16.492	284	94170	42.426	ng/ul	99
70) Atrazine	16.698	200	71775	43.555	ng/ul	97
71) Pentachlorophenol	16.862	266	47321	37.023	ng/ul	99
72) Phenanthrene	17.268	178	393040	46.123	ng/ul	98
74) Anthracene	17.362	178	394214	45.992	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	98506	40.840	ng/uL	99
76) Pentachlorobenzene	14.768	250	105290	41.604	ng/uL	97
77) Carbazole	17.656	167	323618	45.724	ng/ul	99
78) Di-n-butylphthalate	18.174	149	451197	43.596	ng/ul	98
80) Fluoranthene	19.286	202	517958	42.280	ng/ul	98
82) Pyrene	19.650	202	560371	43.140	ng/ul	98
83) Butylbenzylphthalate	20.539	149	211480	38.117	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.344	252	146114	34.795	ng/ul	98
85) Benzo(a)anthracene	21.397	228	575078	44.650	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	316728	37.627	ng/ul	98
87) Chrysene	21.450	228	551468	44.149	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	546634	39.751	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	559061	48.121	ng/ul#	99
91) Benzo(k)fluoranthene	23.091	252	590668m	47.761	ng/ul	
93) Benzo(a)pyrene	23.668	252	536961	47.432	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.232	276	673810	47.892	ng/ul	99
95) Dibenzo(a,h)anthracene	26.244	278	561549	48.142	ng/ul	98
96) Benzo(g,h,i)perylene	26.997	276	522450	46.763	ng/ul	99

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

Instrument :
BNA_M
ClientSampleId :
YCG47MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

11/19/2023
Supervised By :mohammad
ahmed

11/20/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042870.D
Acq On : 18 Nov 2023 07:38
Operator : MA/JU
Sample : 05226-09MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 18 21:29:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
YCG47MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
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11/20/2023