

(QT Reviewed)

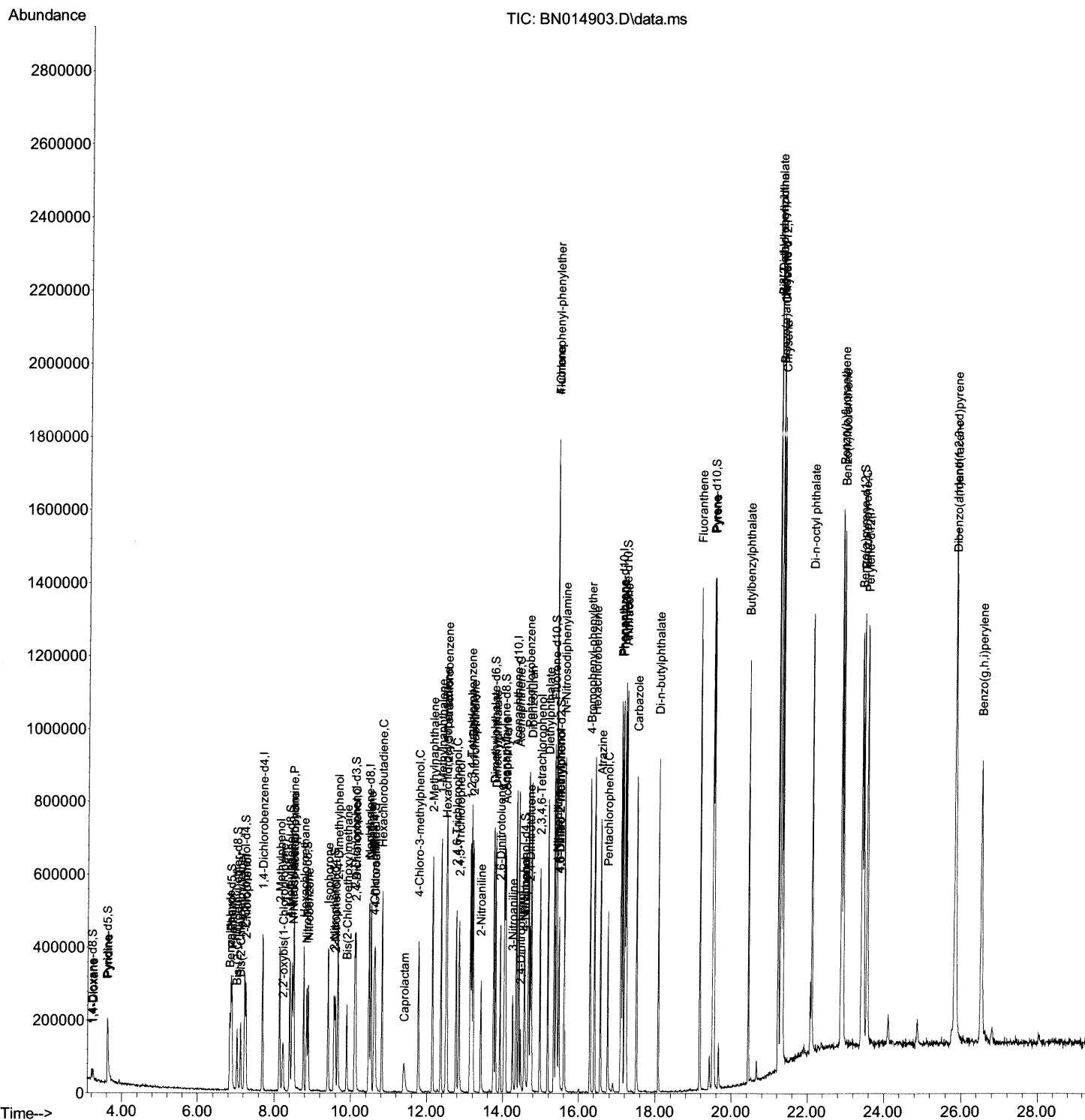
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\  
Data File : BN014903.D  
Acq On    : 14 Jun 2021  18:04  
Operator  : CG/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED

mohammad
6/15/2021 2:41:47 PM

Quant Time: Jun 14 18:33:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

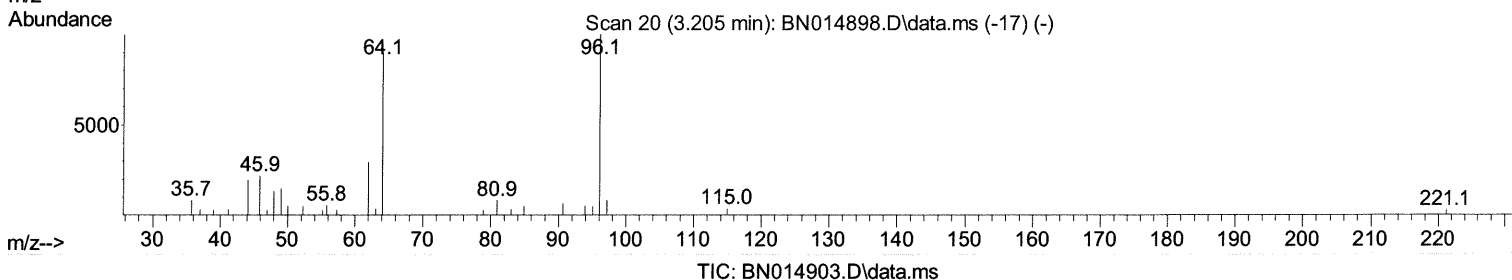
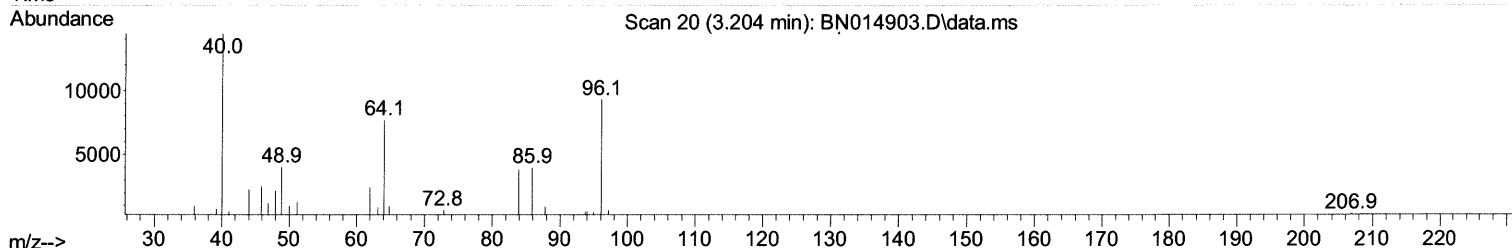
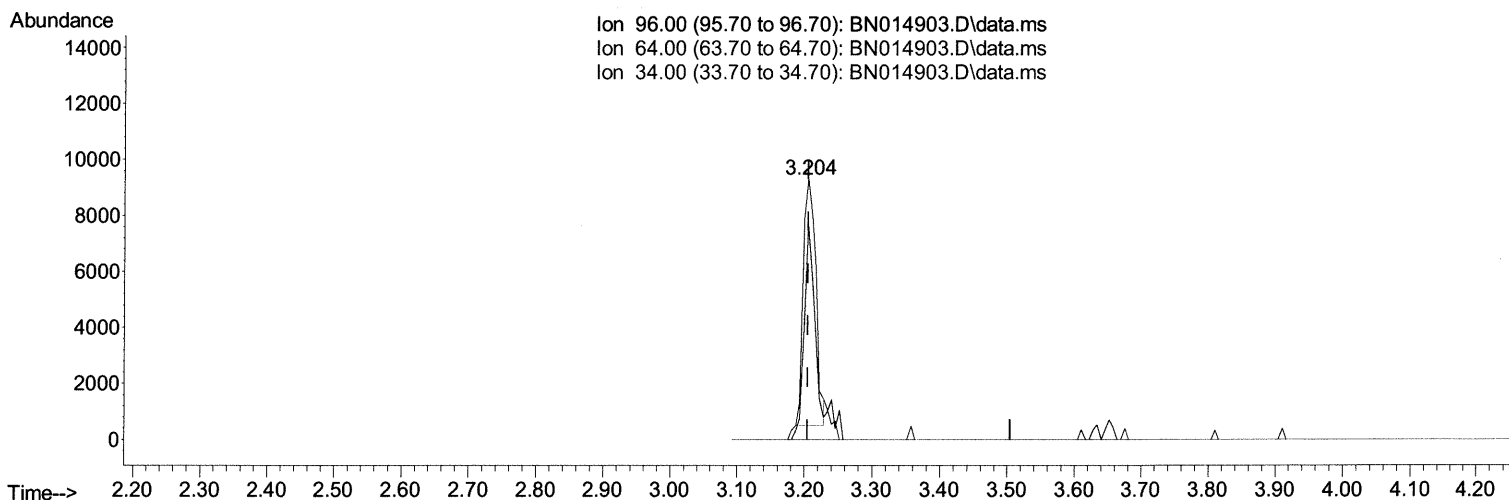
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TIC: BN014903.D\data.ms

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

3.204min (-0.000) 6.33 ng/uL

response 11376

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	82.66#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

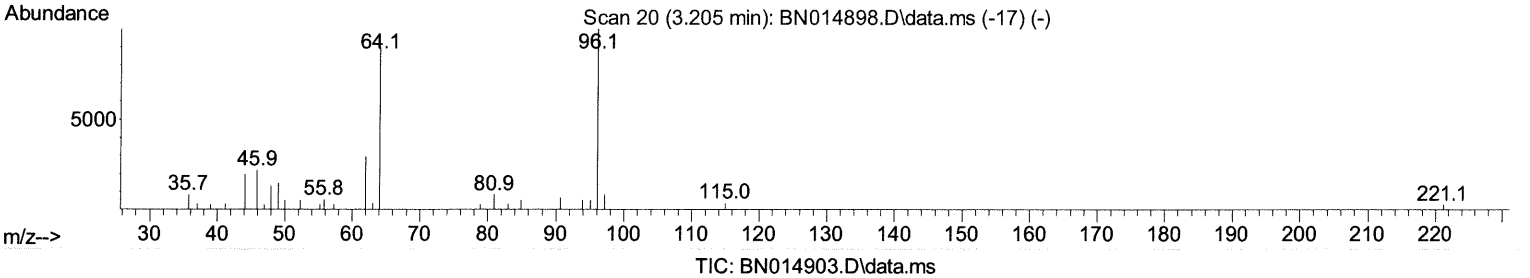
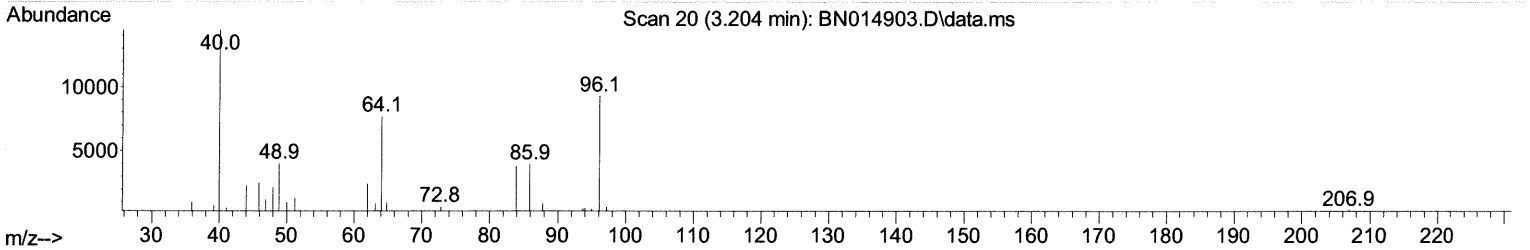
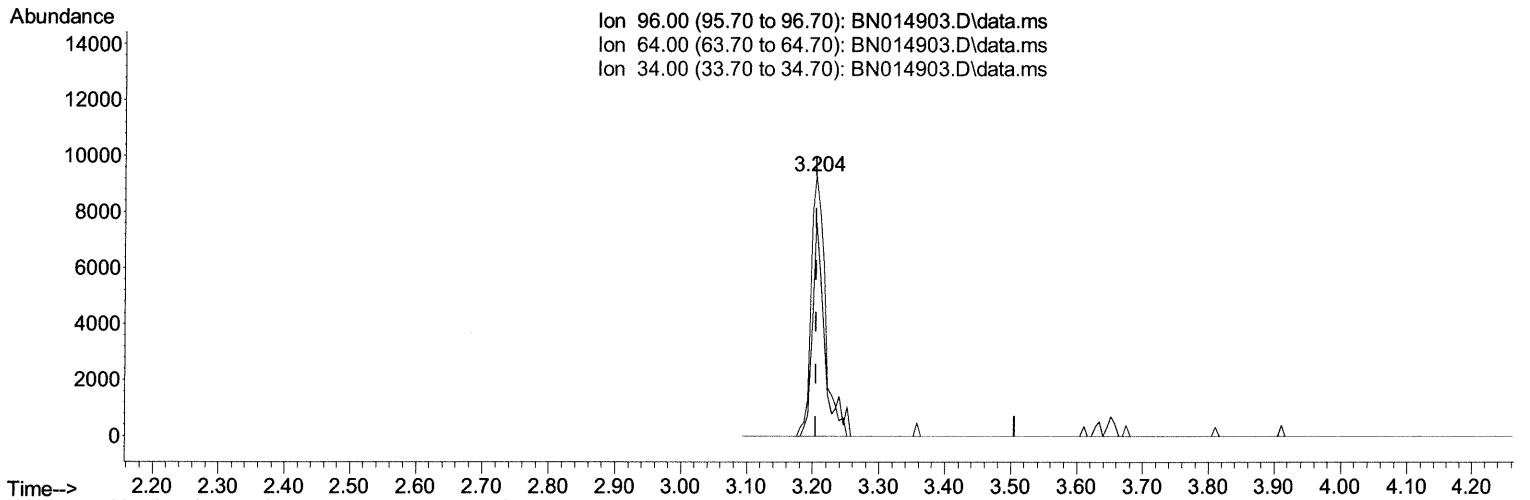
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(3) 1,4-Dioxane-d8 (S)

3.204min (-0.000) 7.61 ng/uL m 06/16/21 JU

response 13678

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	82.66#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

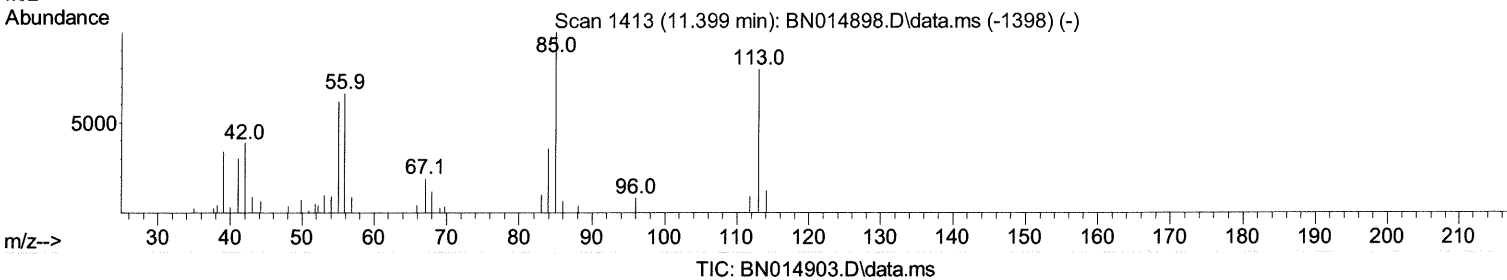
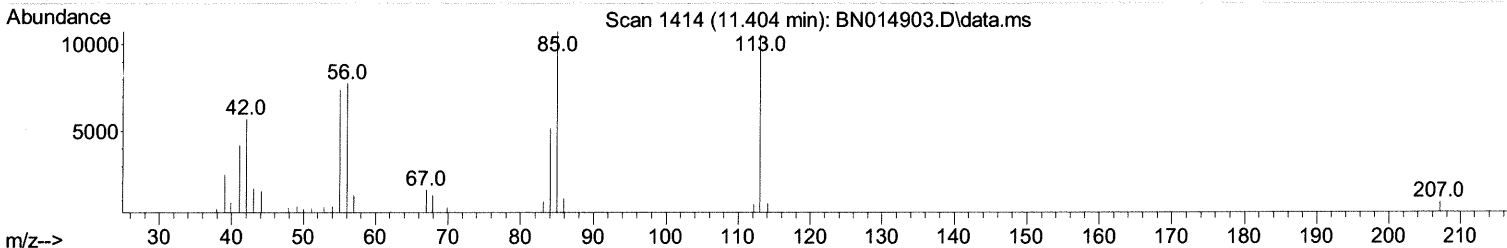
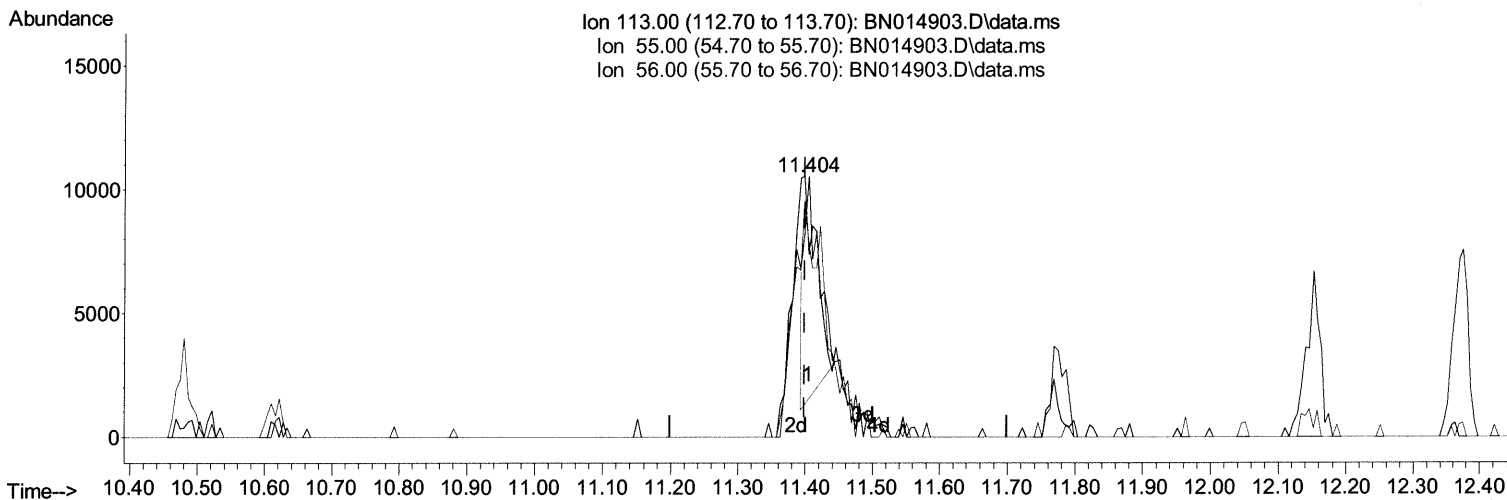
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(34) Caprolactam

11.404min (+ 0.005) 7.55 ng/ul

response 13466

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	70.13#
56.00	73.20	73.95
0.00	0.00	0.00

Quantitation Report (Qedit)

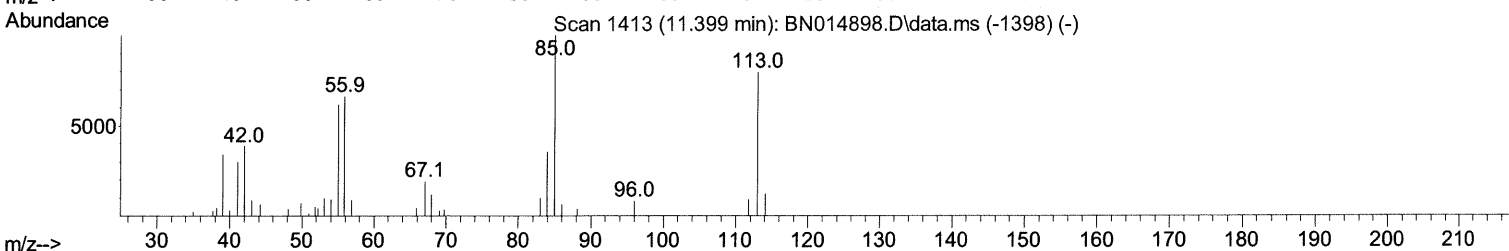
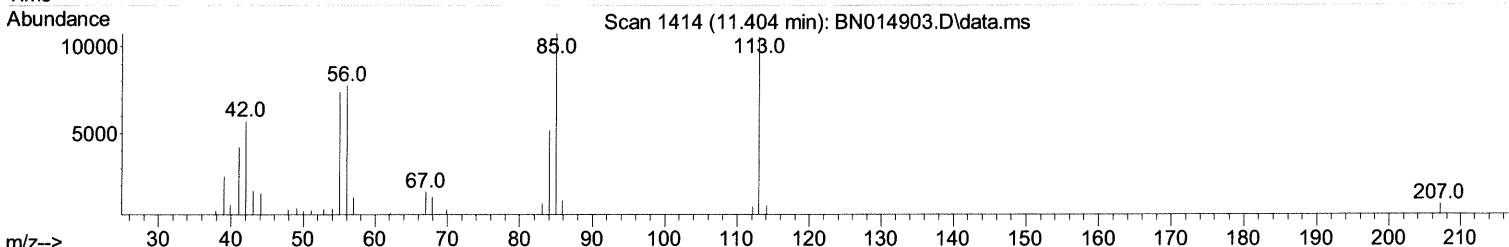
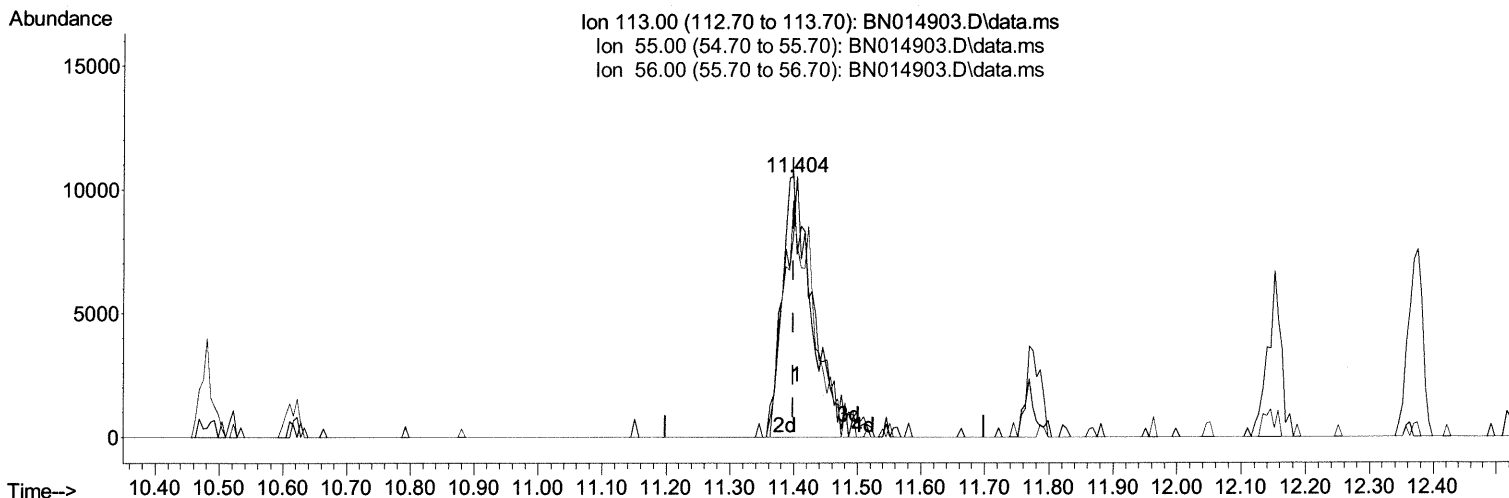
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TIC: BN014903.D\data.ms

(34) Caprolactam

11.404min (+ 0.005) 19.28 ng/ul m 06/16/21 JU

response 34372

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	70.13#
56.00	73.20	73.95
0.00	0.00	0.00

Quantitation Report (Qedit)

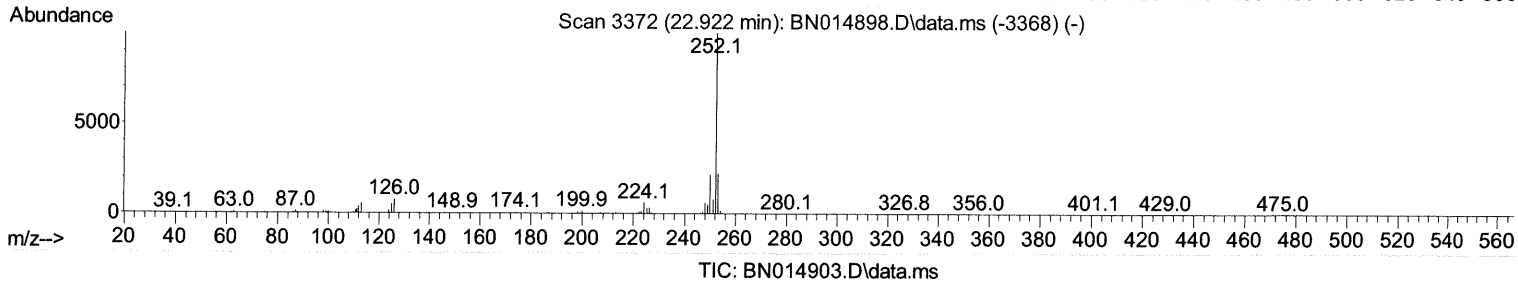
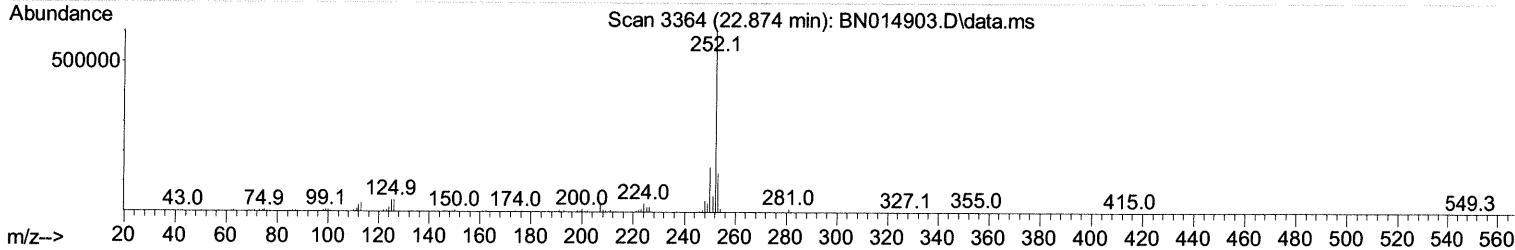
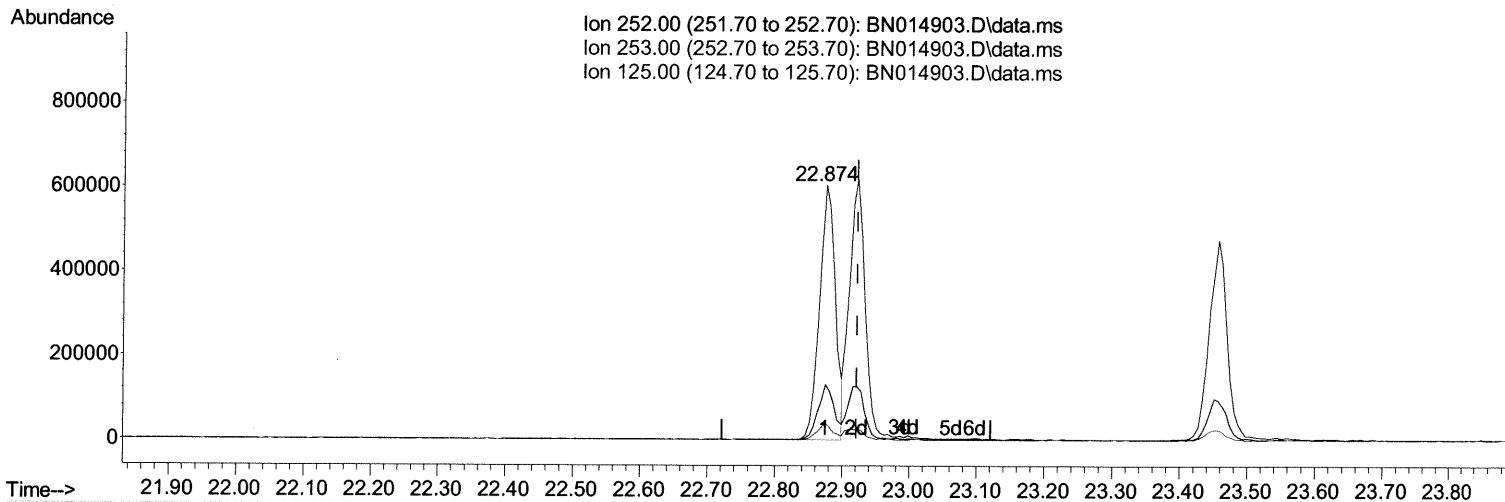
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(91) Benzo(k)fluoranthene

22.874min (-0.048) 20.75 ng/ul

response 988699

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	21.71
125.00	6.00	6.63
0.00	0.00	0.00

Quantitation Report (Qedit)

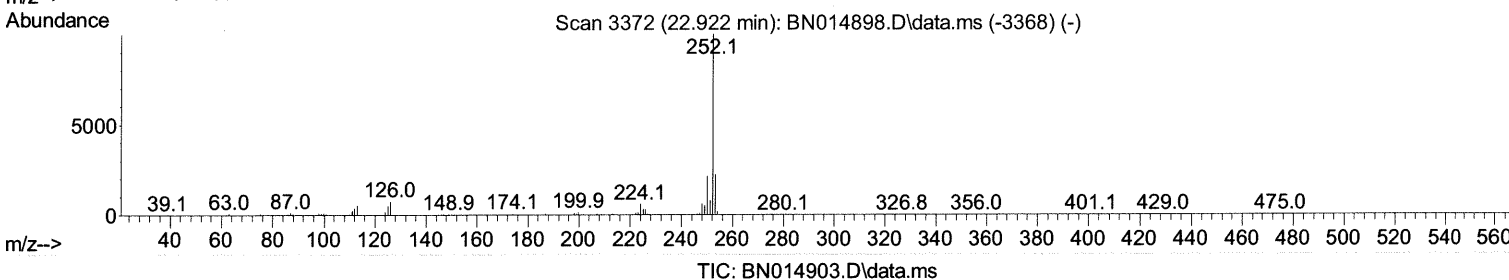
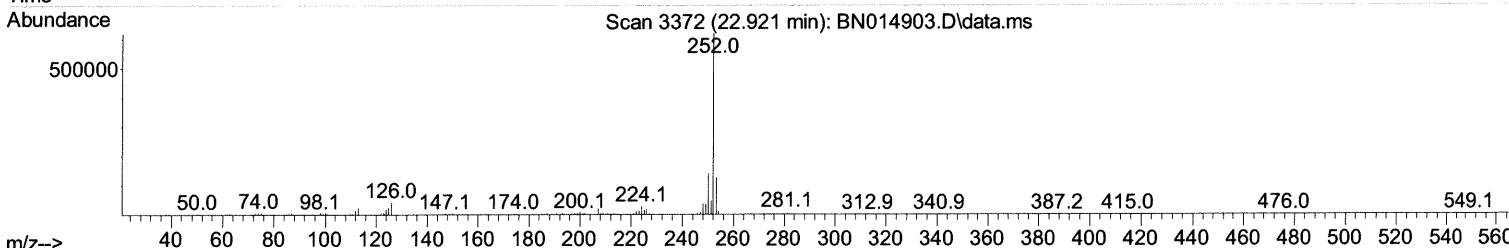
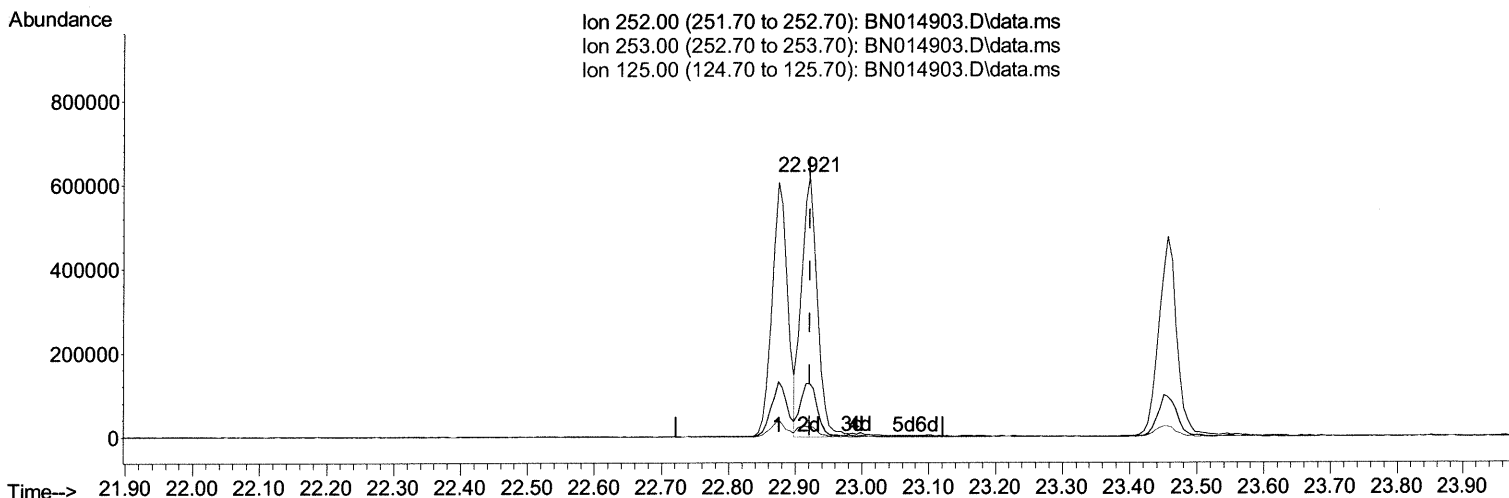
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(91) Benzo(k)fluoranthene

22.921min (-0.000) 21.46 ng/ul m 06/16/21 JU

response 1022931

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	20.49
125.00	6.00	3.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

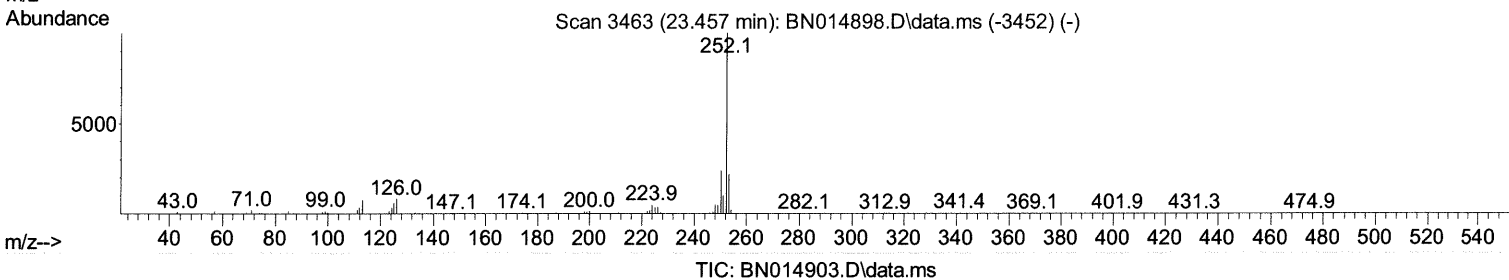
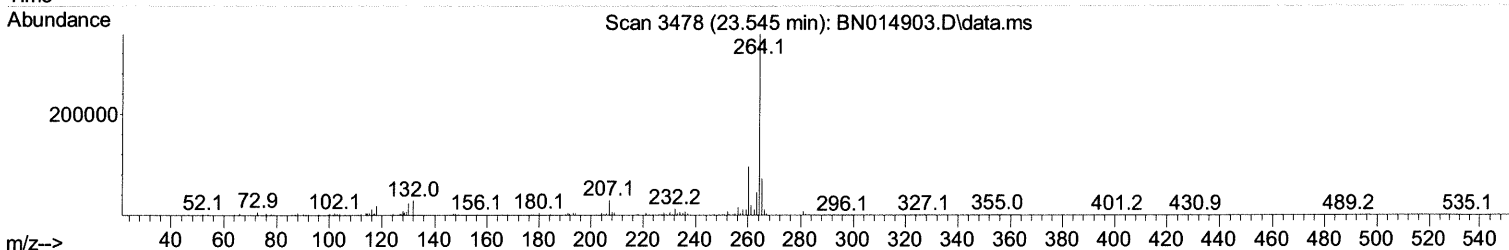
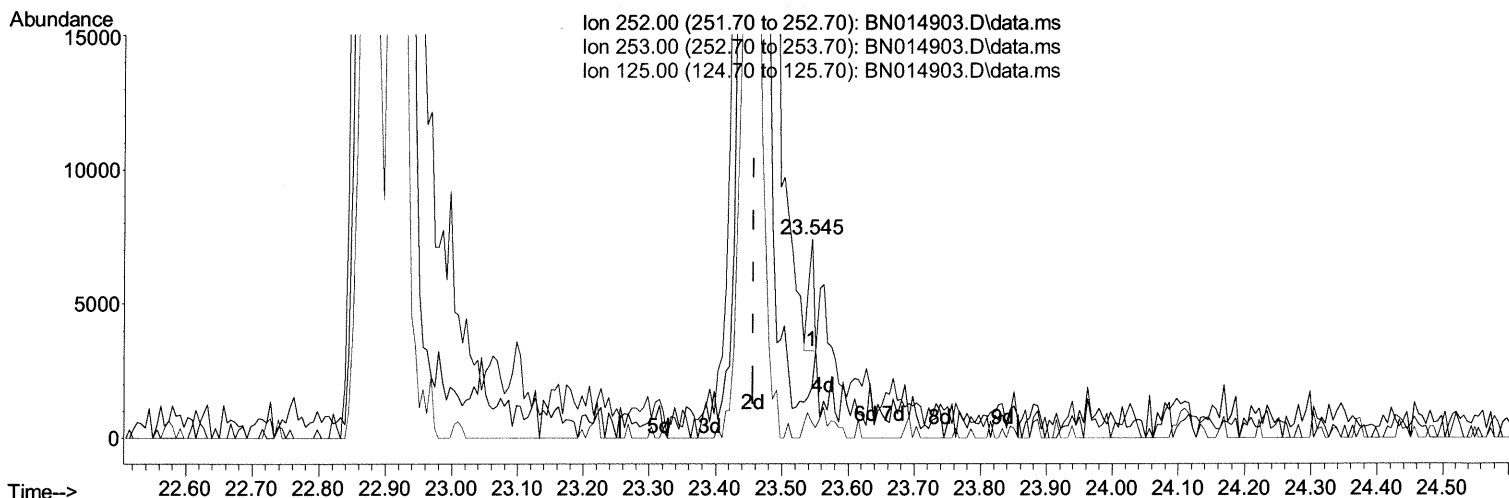
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(93) Benzo(a)pyrene (C)

23.545min (+ 0.088) 0.05 ng/ul

response 2258

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	25.35
125.00	6.80	8.04
0.00	0.00	0.00

Quantitation Report (Qedit)

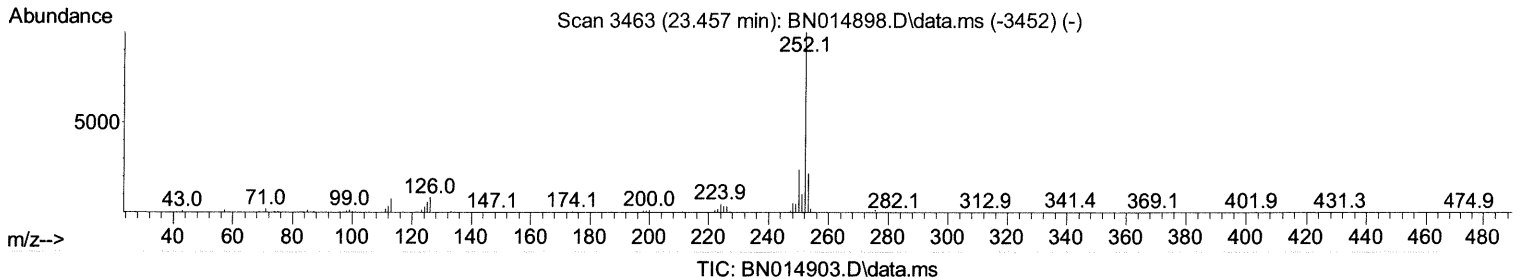
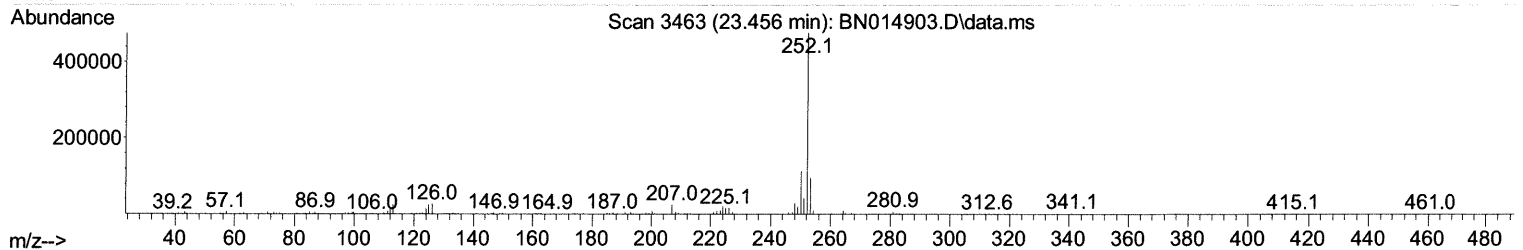
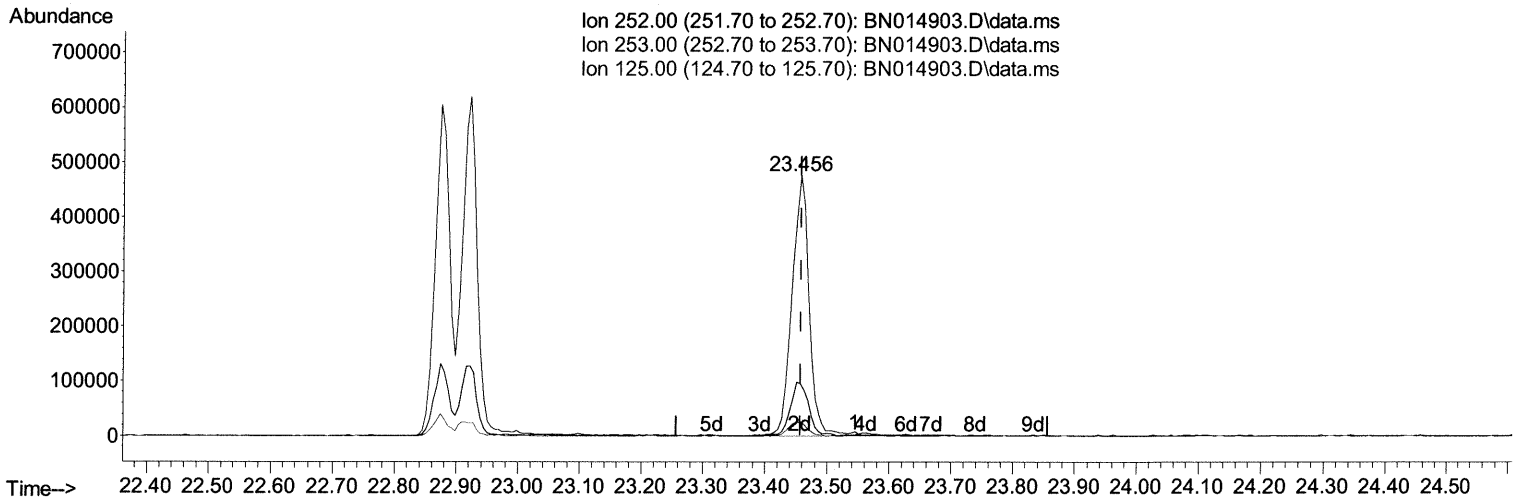
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(93) Benzo(a)pyrene (C)

23.456min (-0.000) 20.66 ng/ul m 06/16/21 JU

response 909871

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	19.93
125.00	6.80	5.03#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	95585	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	354317	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	259509	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	598315	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	751716	20.000	ng/ul	# 0.00
88) Perylene-d12	23.556	264	834338	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	13678m	7.609	ng/uL	> 0.00 06/16/21JU
4) Pyridine-d5	3.610	84	81201	19.421	ng/ul	0.00
7) Phenol-d5	6.869	99	139633	19.502	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	64985	19.159	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	109019	19.859	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	120065	19.678	ng/ul	0.00
21) Nitrobenzene-d5	8.845	128	54564	20.522	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	67468	22.376	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	125963	20.749	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	143536	19.964	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	413148	20.026	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	459425	20.374	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	50088	17.284	ng/ul	0.00
60) Fluorene-d10	15.345	176	338671	20.124	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	68847	19.250	ng/ul	0.01
73) Anthracene-d10	17.198	188	544263	20.100	ng/ul	0.00
81) Pyrene-d10	19.498	212	680806	19.636	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	857264	20.559	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	14926	7.445	ng/ul#	70
5) Pyridine	3.628	79	81011	18.680	ng/ul	88
6) Benzaldehyde	6.840	77	71852	19.968	ng/ul	90
8) Phenol	6.898	94	138524	19.500	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.122	93	104439	19.483	ng/ul#	89
12) 2-Chlorophenol	7.263	128	115000	19.718	ng/ul#	85
13) 2-Methylphenol	8.139	108	109989	19.550	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.222	45	66399	19.037	ng/ul#	85
16) Acetophenone	8.510	105	189890	19.341	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.492	70	98736	21.277	ng/ul#	94
18) 4-Methylphenol	8.463	108	121825	20.127	ng/ul	89
19) Hexachloroethane	8.769	117	59673	19.719	ng/ul	89
22) Nitrobenzene	8.886	77	155021	21.858	ng/ul	95
23) Isophorone	9.404	82	261437	20.439	ng/ul#	94
25) 2-Nitrophenol	9.598	139	59619	19.526	ng/ul	89
26) 2,4-Dimethylphenol	9.657	107	169395	20.630	ng/ul#	88
27) Bis(2-Chloroethoxy)met...	9.898	93	141992	20.297	ng/ul#	90
29) 2,4-Dichlorophenol	10.134	162	123425	21.382	ng/ul	95
30) Naphthalene	10.528	128	370206	20.819	ng/ul	97
32) 4-Chloroaniline	10.639	127	143345	20.192	ng/ul	97
33) Hexachlorobutadiene	10.822	225	120239	21.118	ng/ul	86
34) Caprolactam	11.404	113	34372m	19.284	ng/ul	> 06/16/21JU
35) 4-Chloro-3-methylphenol	11.775	107	157656	21.045	ng/ul#	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.151	142	262658	20.145	ng/ul	95
37) 1-Methylnaphthalene	12.369	142	270137	20.522	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	186468	20.676	ng/ul	92
40) Hexachlorocyclopentadiene	12.504	237	138364	20.697	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.769	196	104156	19.904	ng/ul	86
42) 2,4,5-Trichlorophenol	12.845	196	116099	20.171	ng/ul	91
43) 1,1'-Biphenyl	13.175	154	366546	20.562	ng/ul#	93
44) 2-Chloronaphthalene	13.210	162	293613	20.624	ng/ul	96
45) 2-Nitroaniline	13.422	65	83490	20.026	ng/ul	93
47) Dimethylphthalate	13.804	163	383449	19.721	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	76517	20.312	ng/ul#	97
50) Acenaphthylene	14.063	152	414608	20.274	ng/ul	98
51) 3-Nitroaniline	14.251	138	53809	17.273	ng/ul	93
52) Acenaphthene	14.410	153	301238	19.830	ng/ul	95
53) 2,4-Dinitrophenol	14.463	184	29105	14.014	ng/ul	91
55) 4-Nitrophenol	14.574	109	79580	16.459	ng/ul	88
56) Dibenzofuran	14.745	168	439373	19.852	ng/ul#	80
57) 2,4-Dinitrotoluene	14.710	165	120290	20.618	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	14.980	232	106140	19.530	ng/ul#	80
59) Diethylphthalate	15.180	149	391306	19.803	ng/ul	97
61) Fluorene	15.398	166	357426	20.196	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.398	204	208618	21.203	ng/ul#	87
63) 4-Nitroaniline	15.416	138	52126	16.995	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.474	198	66173	18.957	ng/ul#	90
67) N-Nitrosodiphenylamine	15.610	169	318506	20.508	ng/ul	96
68) 4-Bromophenyl-phenylether	16.292	248	145037	20.180	ng/ul#	73
69) Hexachlorobenzene	16.410	284	189573	20.366	ng/ul	97
70) Atrazine	16.568	200	135515	19.288	ng/ul	95
71) Pentachlorophenol	16.751	266	81333	17.835	ng/ul#	86
72) Phenanthrene	17.139	178	606351	20.249	ng/ul	99
74) Anthracene	17.233	178	625595	20.707	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.139	216	196033	21.574	ng/ul	95
76) Pentachlorobenzene	14.669	250	199785	19.974	ng/ul	93
77) Carbazole	17.504	167	518510	20.535	ng/ul	97
78) Di-n-butylphthalate	18.074	149	610343	19.371	ng/ul	97
80) Fluoranthene	19.162	202	801548	20.117	ng/ul#	93
82) Pyrene	19.527	202	835871	19.781	ng/ul#	94
83) Butylbenzylphthalate	20.439	149	285124	18.310	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.221	252	273335	19.841	ng/ul	97
85) Benzo(a)anthracene	21.280	228	873071	19.829	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	437350	19.064	ng/ul	99
87) Chrysene	21.333	228	869229	19.921	ng/ul	98
89) Di-n-octyl phthalate	22.109	149	831780	19.095	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	988699	20.394	ng/ul#	96
91) Benzo(k)fluoranthene	22.921	252	1022931m	21.464	ng/ul	97
93) Benzo(a)pyrene	23.456	252	909871m	20.664	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.827	276	1184164	20.879	ng/ul	98
95) Dibenzo(a,h)anthracene	25.844	278	945787	20.376	ng/ul	97
96) Benzo(g,h,i)perylene	26.521	276	1014434	20.367	ng/ul#	92

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

06/16/21 JU

Instrument :

BNA_N

LabSampleId :

SSTDCCC020

Manual Integrations

APPROVED

mohammad

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