Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014222.D
Acq On : 22 Mar 2023 18:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020786

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

Quant Time: Mar 23 02:34:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 23 02:31:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	140476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	636274	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	460292	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1101465	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1141289	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	1201829	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	26325	7.080	ng/uL	0.00
4) Pyridine-d5	3.840	84	186483	18.115	ng/ul	0.00
7) Phenol-d5	7.205	99	257730	20.790	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	162046	22.414	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	190686	20.190	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	219800	21.706	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	100661	19.828	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	120524	19.832	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	219737	19.217	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	308173	20.365	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	775408	19.850	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	841935	20.346	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	129665	18.836	ng/ul	0.00
60) Fluorene-d10	15.681	176	649496	19.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	157854	18.962	ng/ul	0.00
73) Anthracene-d10	17.545	188	1053285	19.698	ng/ul	0.00
81) Pyrene-d10	19.775	212	1302156	20.687	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1276277	19.964	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	28601	7.126	ng/uL#	87
5) Pyridine	3.864	79	193324	18.519	ng/ul	96
6) Benzaldehyde	7.181	77	154556m	25.057	ng/ul	
8) Phenol	7.228	94	269998	21.120	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.458	93	211479	21.592	ng/ul	97
12) 2-Chlorophenol	7.605	128	196313	20.630	ng/ul	94
13) 2-Methylphenol	8.493	108	204136	21.474	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.575	45	274317	25.935	ng/ul	98
16) Acetophenone	8.875	105	366522	22.406	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.858	70	201287	24.052	ng/ul	98
18) 4-Methylphenol	8.822	108	229750	21.973	ng/ul	98
19) Hexachloroethane	9.128	117	83224	19.969	ng/ul	94
22) Nitrobenzene	9.263	77	278273	20.491	ng/ul	99
23) Isophorone	9.787	82	564316	21.578	ng/ul	97
25) 2-Nitrophenol	9.975	139	126330	20.170	ng/ul	95
26) 2,4-Dimethylphenol	10.034	107	282362	20.596	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	329717	21.796	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	217285	19.263	ng/ul	97
30) Naphthalene	10.916	128	707335	20.244	ng/ul	99
32) 4-Chloroaniline	11.034	127	311450	20.453	ng/ul	100
33) Hexachlorobutadiene	11.193	225	158945	17.708	ng/ul	98
34) Caprolactam	11.828	113	78369m	21.398	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	276561	21.203	ng/ul	98
36) 2-Methylnaphthalene	12.516	142	499620	20.387	ng/ul	97

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	502369	20.395	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.887	216	308044	18.507	ng/ul	98
40) Hexachlorocyclopentadiene	12.857	237	197659	16.583	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	200921	19.216	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	218672	19.056	ng/ul	98
43) 1,1'-Biphenyl	13.522	154	720081	20.320	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	565871	20.105	ng/ul	98
45) 2-Nitroaniline	13.781	65	186983	22.462	ng/ul	95
47) Dimethylphthalate	14.140	163	772854	19.988	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	156104	20.420	ng/ul	99
50) Acenaphthylene	14.410	152	893680	20.578	ng/ul	100
51) 3-Nitroaniline	14.604	138	148596	21.954	ng/ul	92
52) Acenaphthene	14.751	153	625690	20.609	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	117422	20.569	ng/ul	94
55) 4-Nitrophenol	14.910	109	139692	18.786	ng/ul	84
56) Dibenzofuran	15.087	168	884211	20.020	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	233300	20.426	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.316	232	210148	19.142	ng/ul	99
59) Diethylphthalate	15.498	149	797164	20.327	ng/ul	99
61) Fluorene	15.740	166	734612	20.065	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.728	204	389753	19.288	ng/ul	98
63) 4-Nitroaniline	15.769	138	155835	22.398	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.822	198	153523	19.330	ng/ul	96
67) N-Nitrosodiphenylamine	15.945	169	635704	20.435	ng/ul	100
68) 4-Bromophenyl-phenylether	16.628	248	252128	18.935	ng/ul	100
69) Hexachlorobenzene	16.745	284	290786	18.532	ng/ul	96
70) Atrazine	16.898	200	265812	19.811	ng/ul	99
71) Pentachlorophenol	17.098	266	199465	19.447	ng/ul	99
72) Phenanthrene	17.492	178	1209990	20.141	ng/ul	99
74) Anthracene	17.581	178	1231177	20.212	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.493	216	319125	18.878	ng/uL	100
76) Pentachlorobenzene	15.004	250	333589	18.998	ng/uL	99
77) Carbazole	17.851	167	1098378	20.442	ng/ul	100
78) Di-n-butylphthalate	18.381	149	1421537	21.170	ng/ul	100
80) Fluoranthene	19.445	202	1511573	21.068	ng/ul#	94
82) Pyrene	19.798	202	1581974	21.137	ng/ul#	94
83) Butylbenzylphthalate	20.657	149	686690	22.754	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	560252	19.176	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1610945	20.068	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1012714	22.446	ng/ul	99
87) Chrysene	21.569	228	1542092	20.157	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	1745869	23.022	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1626759	20.313	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1586121m	20.771	ng/ul	
93) Benzo(a)pyrene	23.945	252	1396857	20.054	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.710	276	1669664	18.107	ng/ul	97
95) Dibenzo(a,h)anthracene	26.721	278	1390092	18.138	ng/ul#	97
96) Benzo(g,h,i)perylene	27.533	276	1296193	17.587	ng/ul	98

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

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QLast Update : Thu Mar 23 02:31:48 2023
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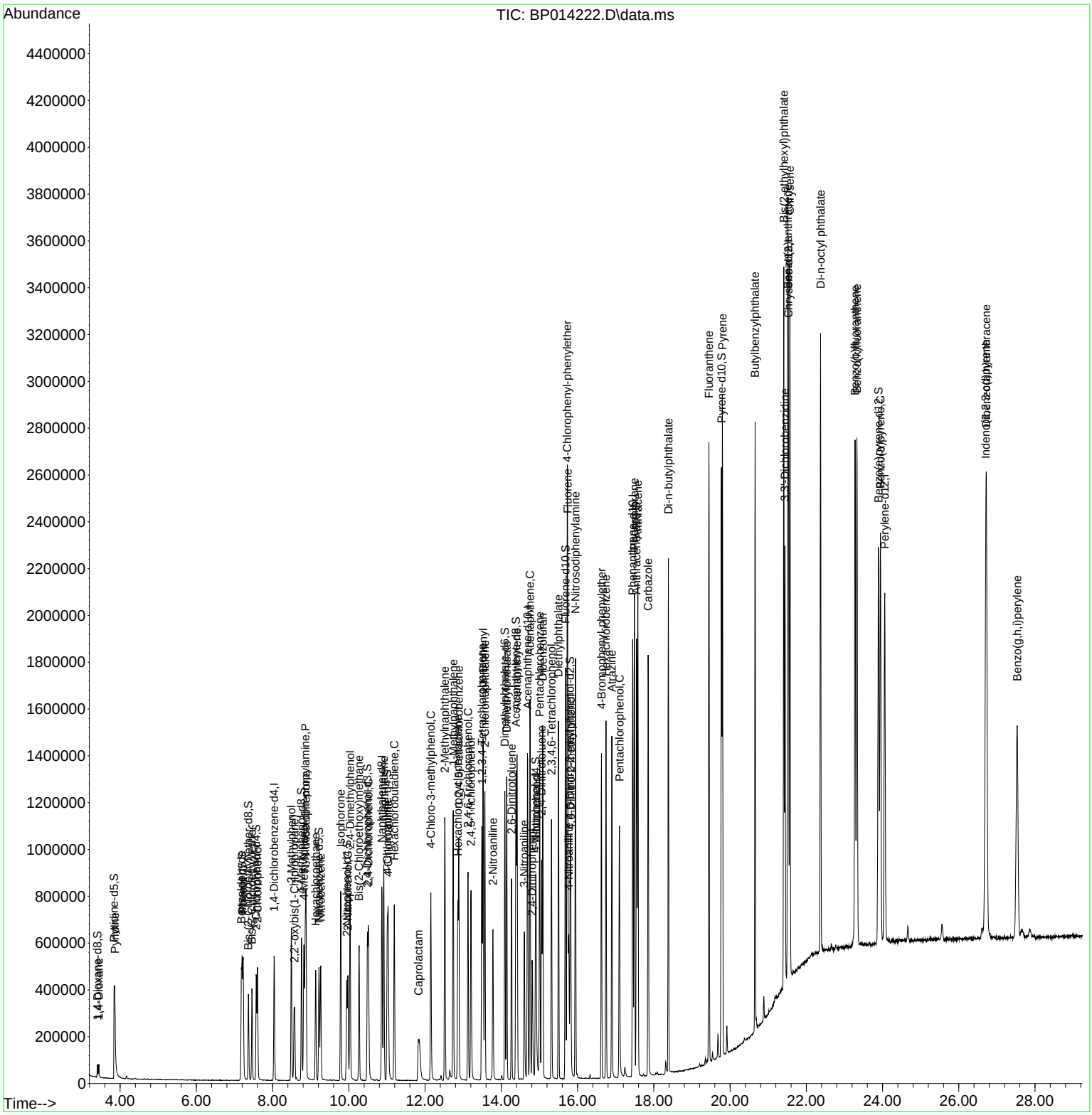
Instrument :
BNA_P
ClientSampleId :
SSTD020786

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



Quantitation Report (Qedit)

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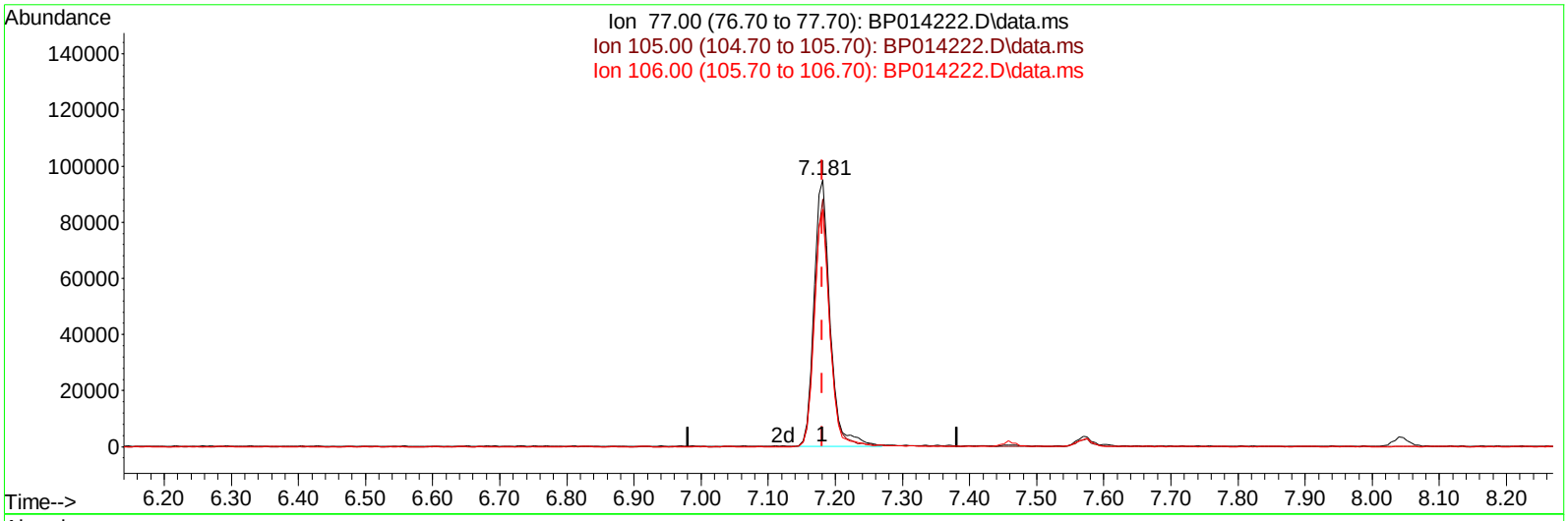

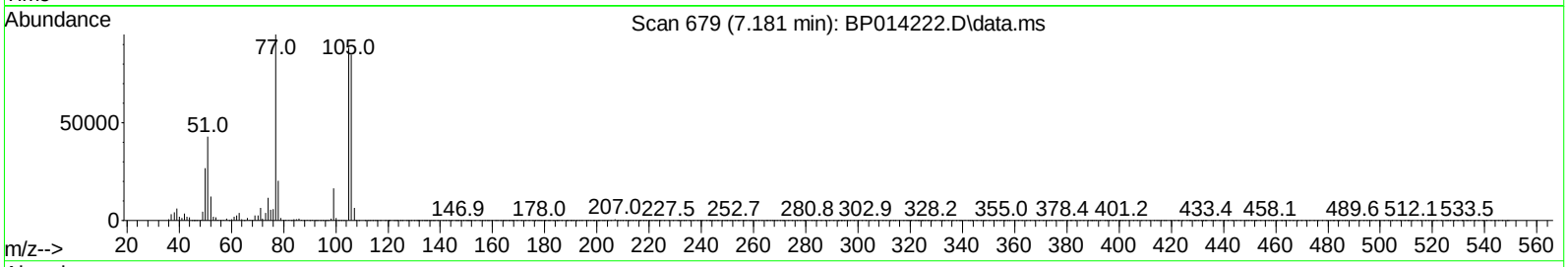

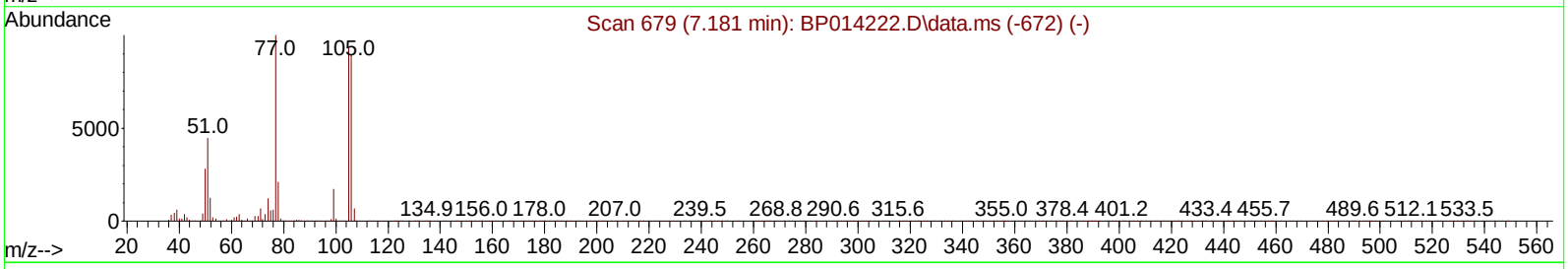

TIC: BP014222.D\data.ms

(6) Benzaldehyde

7.181min (0.000) 25.68 ng/ul

response 158425

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	92.86
106.00	87.30	89.03
0.00	0.00	0.00

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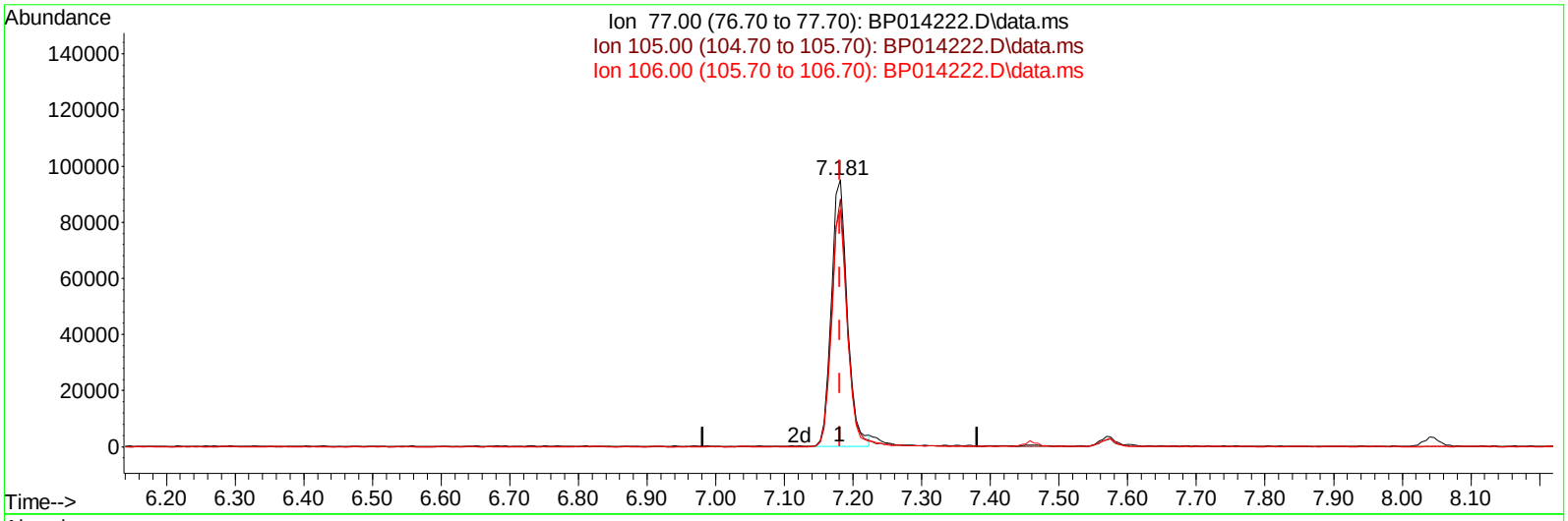

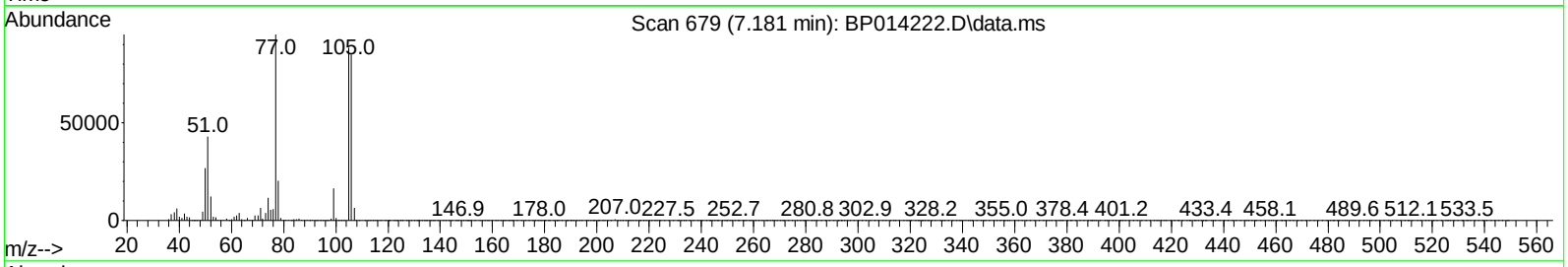

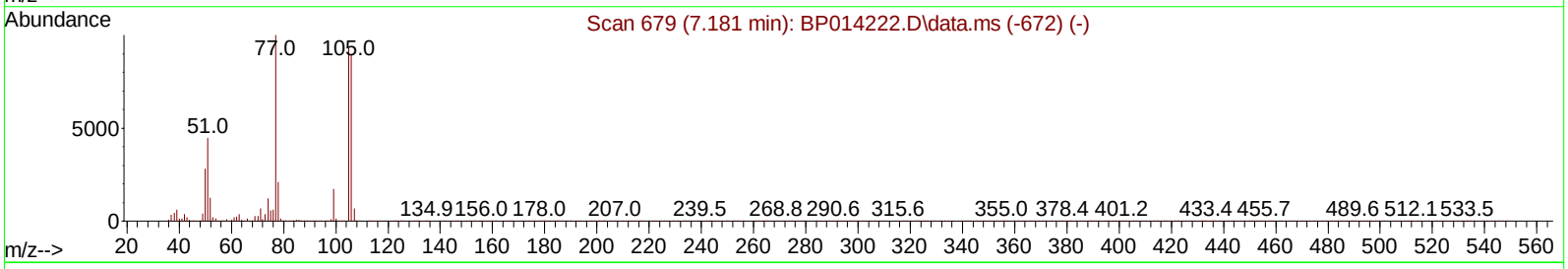

TIC: BP014222.D\data.ms

(6) Benzaldehyde

7.181min (0.000) 25.06 ng/ul m

response 154556

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	92.86
106.00	87.30	89.03
0.00	0.00	0.00

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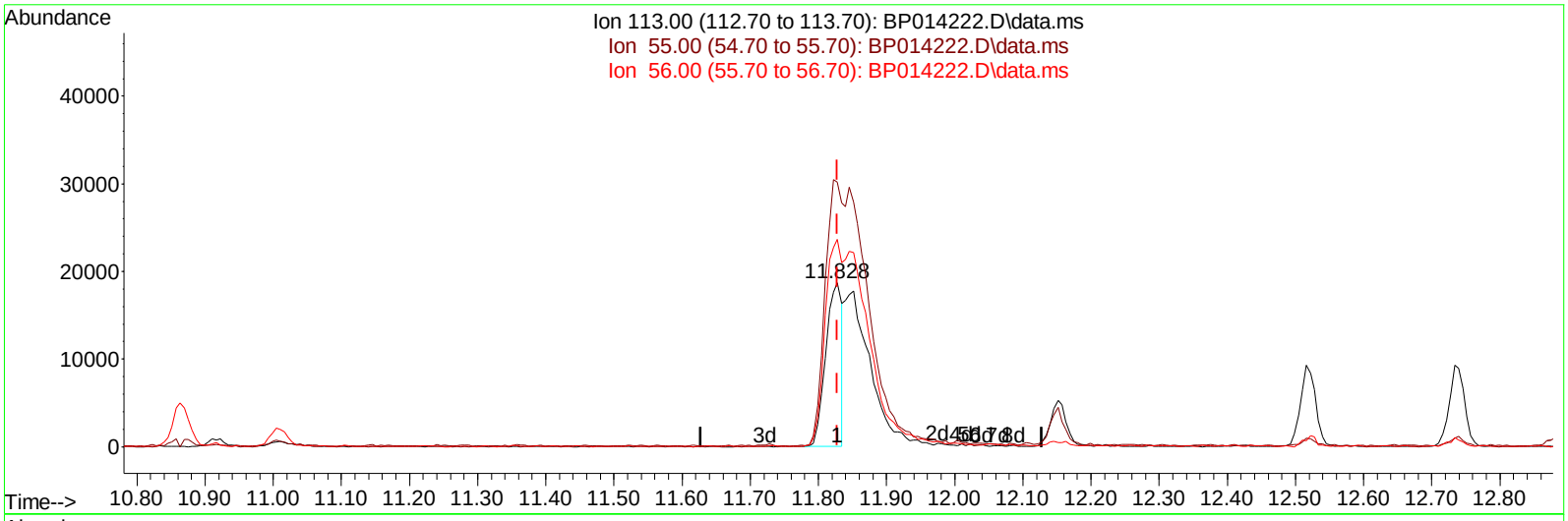

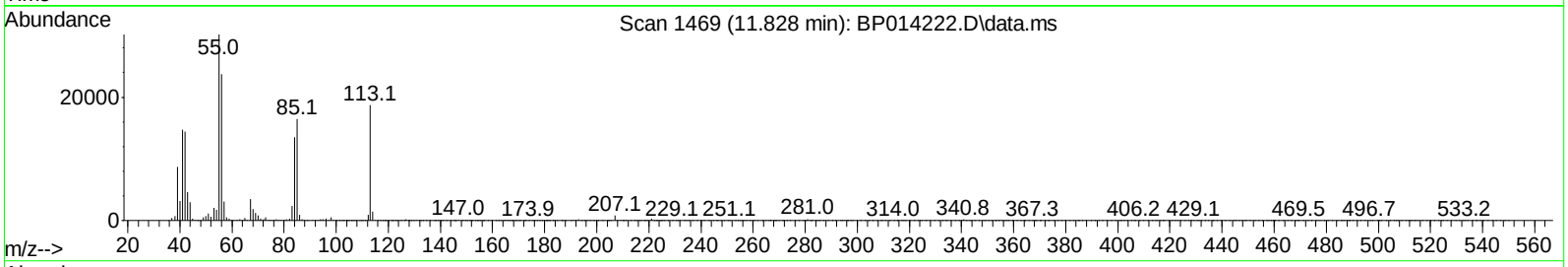

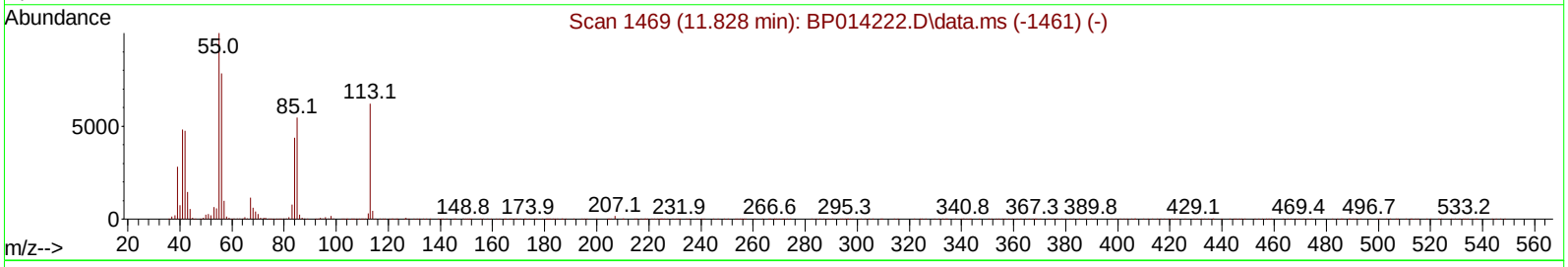

TIC: BP014222.D\data.ms

(34) Caprolactam

11.828min (0.000) 8.44 ng/ul

response 30902

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	161.20
56.00	127.50	126.54
0.00	0.00	0.00

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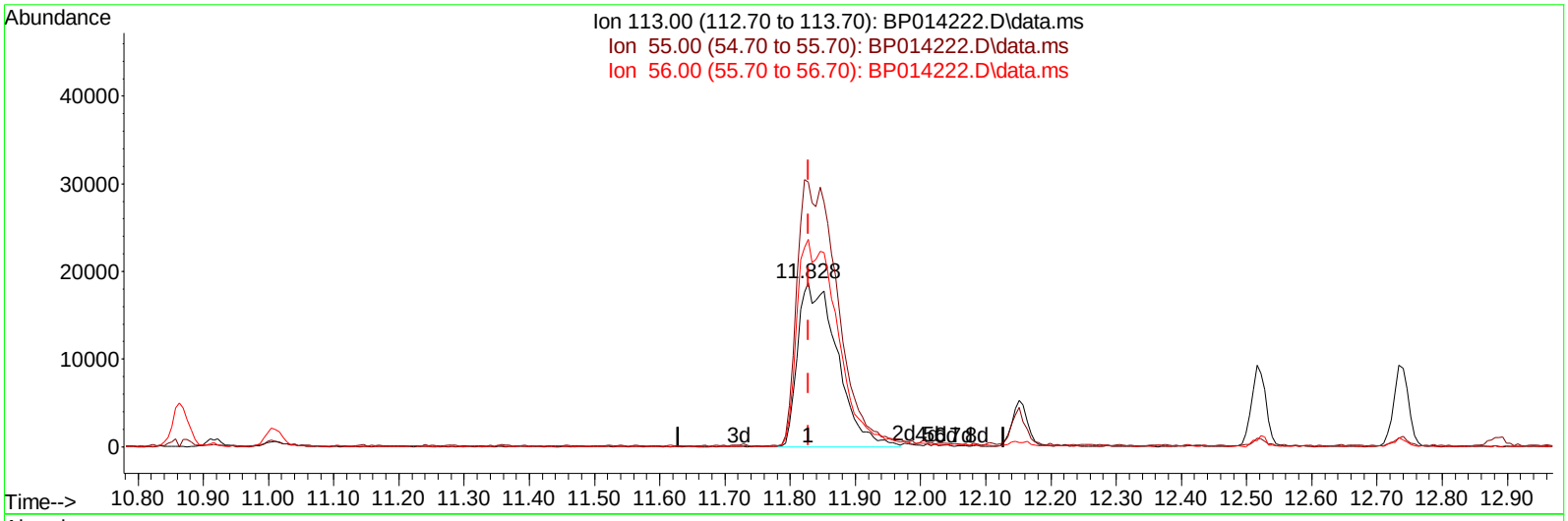

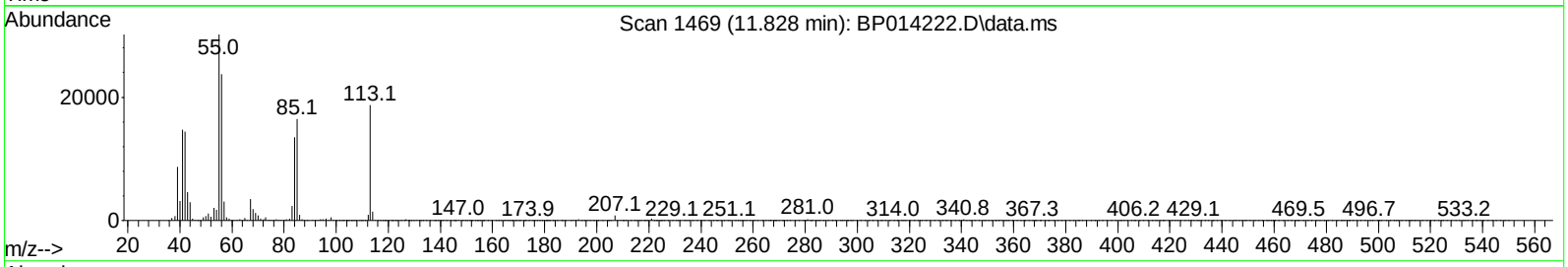

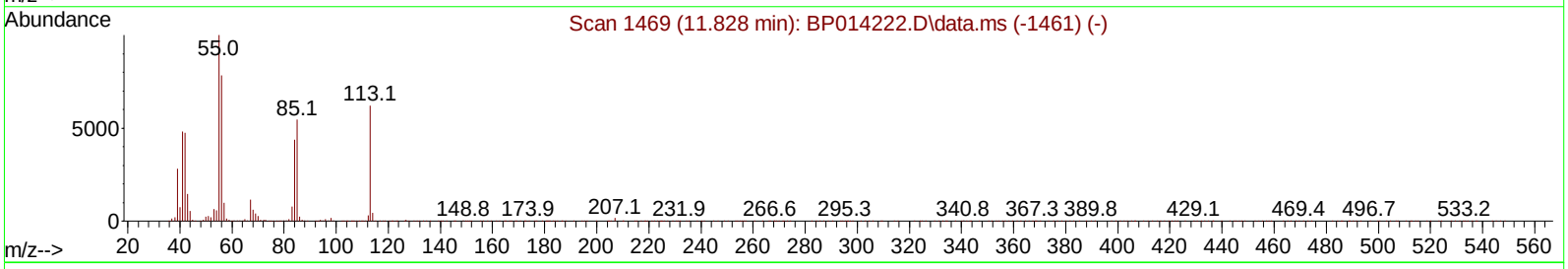

TIC: BP014222.D\data.ms

(34) Caprolactam

11.828min (0.000) 21.40 ng/ul m

response 78369

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	161.20
56.00	127.50	126.54
0.00	0.00	0.00

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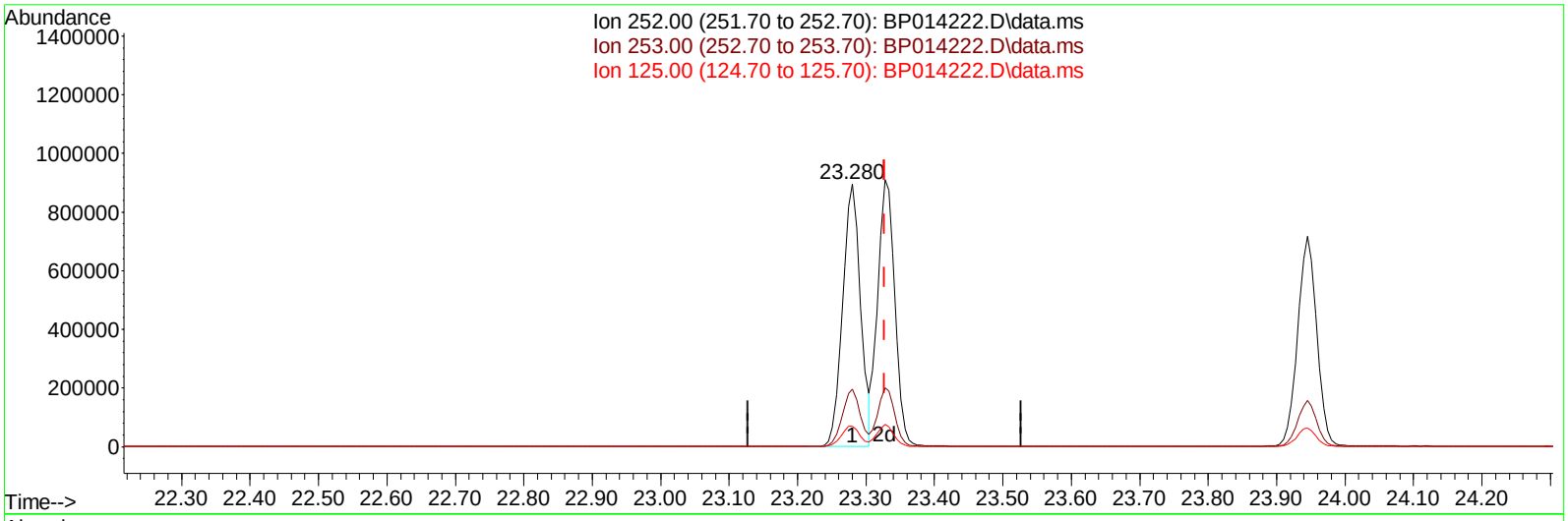

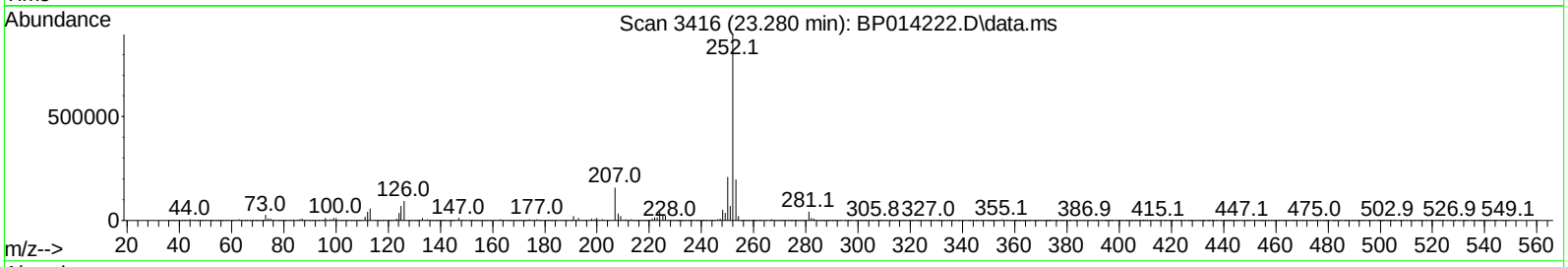

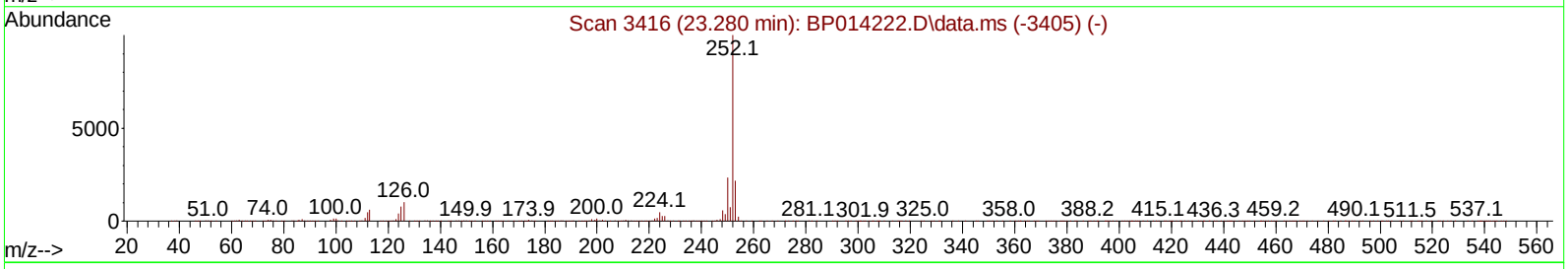

TIC: BP014222.D\data.ms

(91) Benzo(k)fluoranthene

23.280min (-0.047) 21.30 ng/ul

response 1626759

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.91
125.00	6.90	7.86
0.00	0.00	0.00

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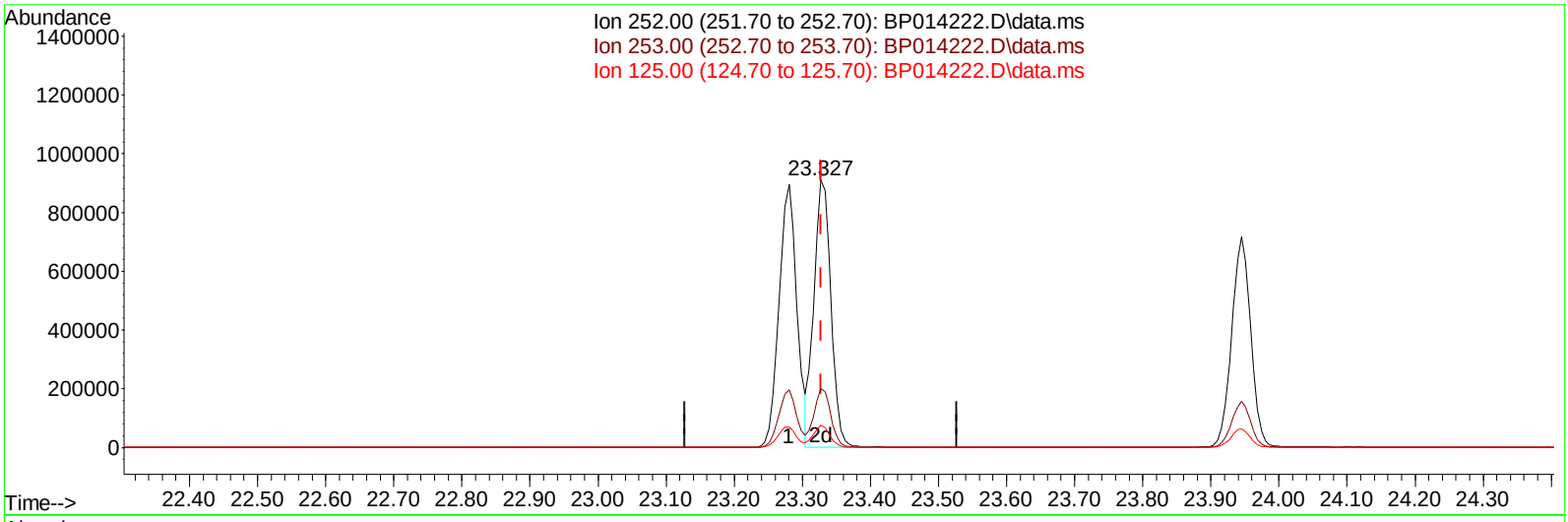
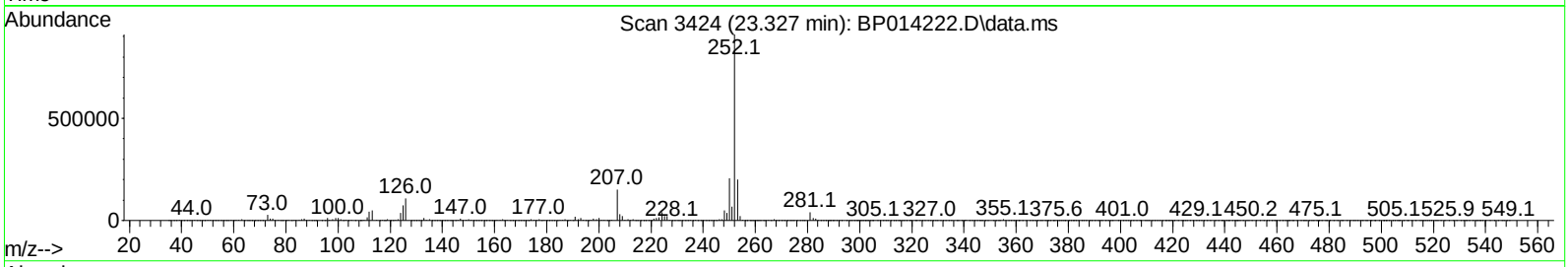
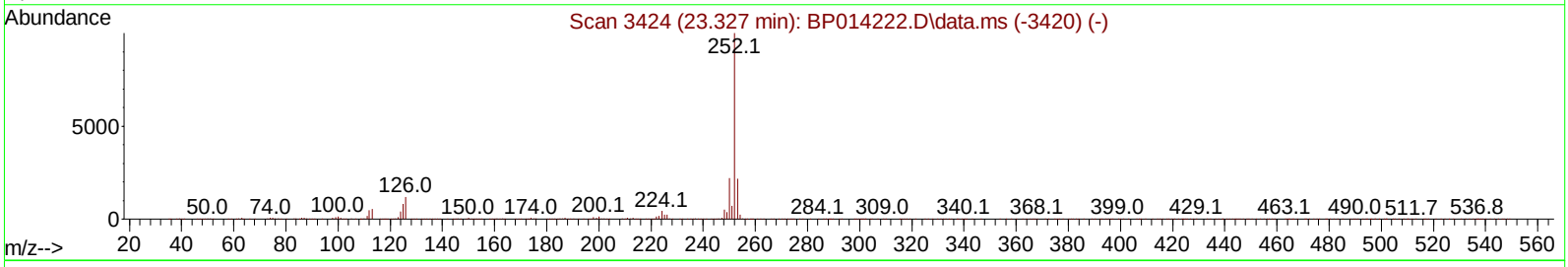
Supervised By :Jagrut Upadhyay 03/23/2023







TIC: BP014222.D\data.ms

(91) Benzo(k)fluoranthene

23.327min (0.000) 20.77 ng/ul m

response 1586121

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.00
125.00	6.90	8.30#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014222.D
Acq On : 22 Mar 2023 18:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 02:34:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 23 02:31:48 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020786

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	140476	20.000	ng/ul		0.00
20) Naphthalene-d8	10.863	136	636274	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.687	164	460292	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.445	188	1101465	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.533	240	1141289	20.000	ng/ul		0.00
88) Perylene-d12	24.057	264	1201829	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.405	96	26325	7.080	ng/uL		0.00
4) Pyridine-d5	3.840	84	186483	18.115	ng/ul		0.00
7) Phenol-d5	7.205	99	257730	20.790	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	162046	22.414	ng/ul		0.00
11) 2-Chlorophenol-d4	7.569	132	190686	20.190	ng/ul		0.00
15) 4-Methylphenol-d8	8.758	113	219800	21.706	ng/ul		0.00
21) Nitrobenzene-d5	9.216	128	100661	19.828	ng/ul		0.00
24) 2-Nitrophenol-d4	9.946	143	120524	19.832	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.487	165	219737	19.217	ng/ul		0.00
31) 4-Chloroaniline-d4	11.010	131	308173	20.365	ng/ul		0.00
46) Dimethylphthalate-d6	14.093	166	775408	19.850	ng/ul		0.00
49) Acenaphthylene-d8	14.387	160	841935	20.346	ng/ul		0.00
54) 4-Nitrophenol-d4	14.898	143	129665	18.836	ng/ul		0.00
60) Fluorene-d10	15.681	176	649496	19.618	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	157854	18.962	ng/ul		0.00
73) Anthracene-d10	17.545	188	1053285	19.698	ng/ul		0.00
81) Pyrene-d10	19.775	212	1302156	20.687	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.892	264	1276277	19.964	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	28601	7.126	ng/uL	#	87
5) Pyridine	3.864	79	193324	18.519	ng/ul		96
6) Benzaldehyde	7.181	77	154556m	25.057	ng/ul		
8) Phenol	7.228	94	269998	21.120	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.458	93	211479	21.592	ng/ul		97
12) 2-Chlorophenol	7.605	128	196313	20.630	ng/ul		94
13) 2-Methylphenol	8.493	108	204136	21.474	ng/ul		94
14) 2,2'-oxybis(1-Chloropr...	8.575	45	274317	25.935	ng/ul		98
16) Acetophenone	8.875	105	366522	22.406	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.858	70	201287	24.052	ng/ul		98
18) 4-Methylphenol	8.822	108	229750	21.973	ng/ul		98
19) Hexachloroethane	9.128	117	83224	19.969	ng/ul		94
22) Nitrobenzene	9.263	77	278273	20.491	ng/ul		99
23) Isophorone	9.787	82	564316	21.578	ng/ul		97
25) 2-Nitrophenol	9.975	139	126330	20.170	ng/ul		95
26) 2,4-Dimethylphenol	10.034	107	282362	20.596	ng/ul		98
27) Bis(2-Chloroethoxy)met...	10.269	93	329717	21.796	ng/ul		99
29) 2,4-Dichlorophenol	10.516	162	217285	19.263	ng/ul		97
30) Naphthalene	10.916	128	707335	20.244	ng/ul		99
32) 4-Chloroaniline	11.034	127	311450	20.453	ng/ul		100
33) Hexachlorobutadiene	11.193	225	158945	17.708	ng/ul		98
34) Caprolactam	11.828	113	78369m	21.398	ng/ul		
35) 4-Chloro-3-methylphenol	12.151	107	276561	21.203	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	499620	20.387	ng/ul	97
37) 1-Methylnaphthalene	12.740	142	502369	20.395	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.887	216	308044	18.507	ng/ul	98
40) Hexachlorocyclopentadiene	12.857	237	197659	16.583	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	200921	19.216	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	218672	19.056	ng/ul	98
43) 1,1'-Biphenyl	13.522	154	720081	20.320	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	565871	20.105	ng/ul	98
45) 2-Nitroaniline	13.781	65	186983	22.462	ng/ul	95
47) Dimethylphthalate	14.140	163	772854	19.988	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	156104	20.420	ng/ul	99
50) Acenaphthylene	14.410	152	893680	20.578	ng/ul	100
51) 3-Nitroaniline	14.604	138	148596	21.954	ng/ul	92
52) Acenaphthene	14.751	153	625690	20.609	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	117422	20.569	ng/ul	94
55) 4-Nitrophenol	14.910	109	139692	18.786	ng/ul	84
56) Dibenzofuran	15.087	168	884211	20.020	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	233300	20.426	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.316	232	210148	19.142	ng/ul	99
59) Diethylphthalate	15.498	149	797164	20.327	ng/ul	99
61) Fluorene	15.740	166	734612	20.065	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.728	204	389753	19.288	ng/ul	98
63) 4-Nitroaniline	15.769	138	155835	22.398	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.822	198	153523	19.330	ng/ul	96
67) N-Nitrosodiphenylamine	15.945	169	635704	20.435	ng/ul	100
68) 4-Bromophenyl-phenylether	16.628	248	252128	18.935	ng/ul	100
69) Hexachlorobenzene	16.745	284	290786	18.532	ng/ul	96
70) Atrazine	16.898	200	265812	19.811	ng/ul	99
71) Pentachlorophenol	17.098	266	199465	19.447	ng/ul	99
72) Phenanthrene	17.492	178	1209990	20.141	ng/ul	99
74) Anthracene	17.581	178	1231177	20.212	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.493	216	319125	18.878	ng/uL	100
76) Pentachlorobenzene	15.004	250	333589	18.998	ng/uL	99
77) Carbazole	17.851	167	1098378	20.442	ng/ul	100
78) Di-n-butylphthalate	18.381	149	1421537	21.170	ng/ul	100
80) Fluoranthene	19.445	202	1511573	21.068	ng/ul#	94
82) Pyrene	19.798	202	1581974	21.137	ng/ul#	94
83) Butylbenzylphthalate	20.657	149	686690	22.754	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	560252	19.176	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1610945	20.068	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1012714	22.446	ng/ul	99
87) Chrysene	21.569	228	1542092	20.157	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	1745869	23.022	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1626759	20.313	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1586121m	20.771	ng/ul	
93) Benzo(a)pyrene	23.945	252	1396857	20.054	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.710	276	1669664	18.107	ng/ul	97
95) Dibenzo(a,h)anthracene	26.721	278	1390092	18.138	ng/ul#	97
96) Benzo(g,h,i)perylene	27.533	276	1296193	17.587	ng/ul	98

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

Instrument :
BNA_P
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Manual Integrations
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