

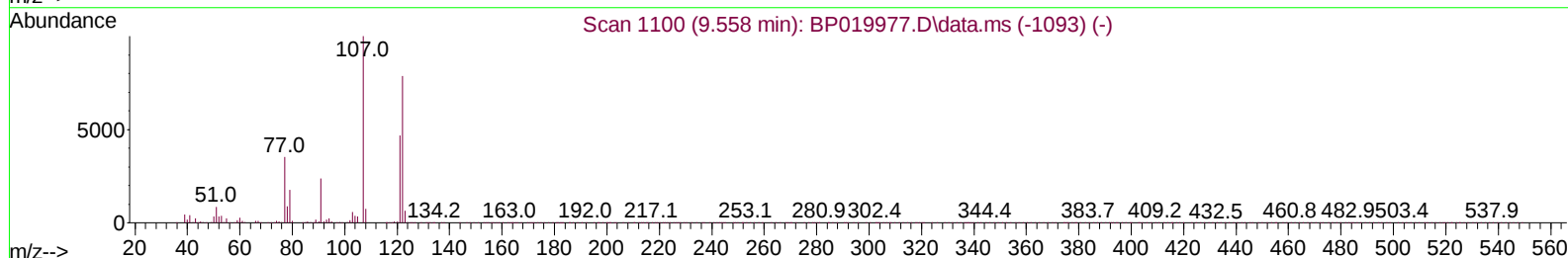
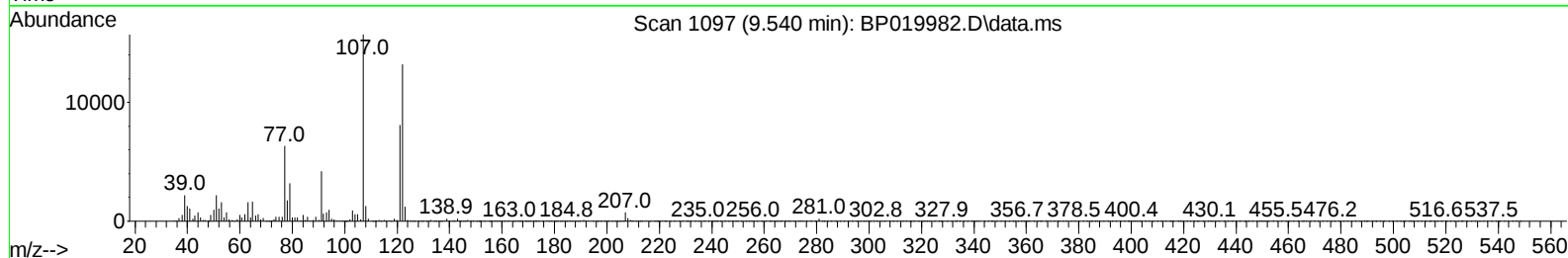
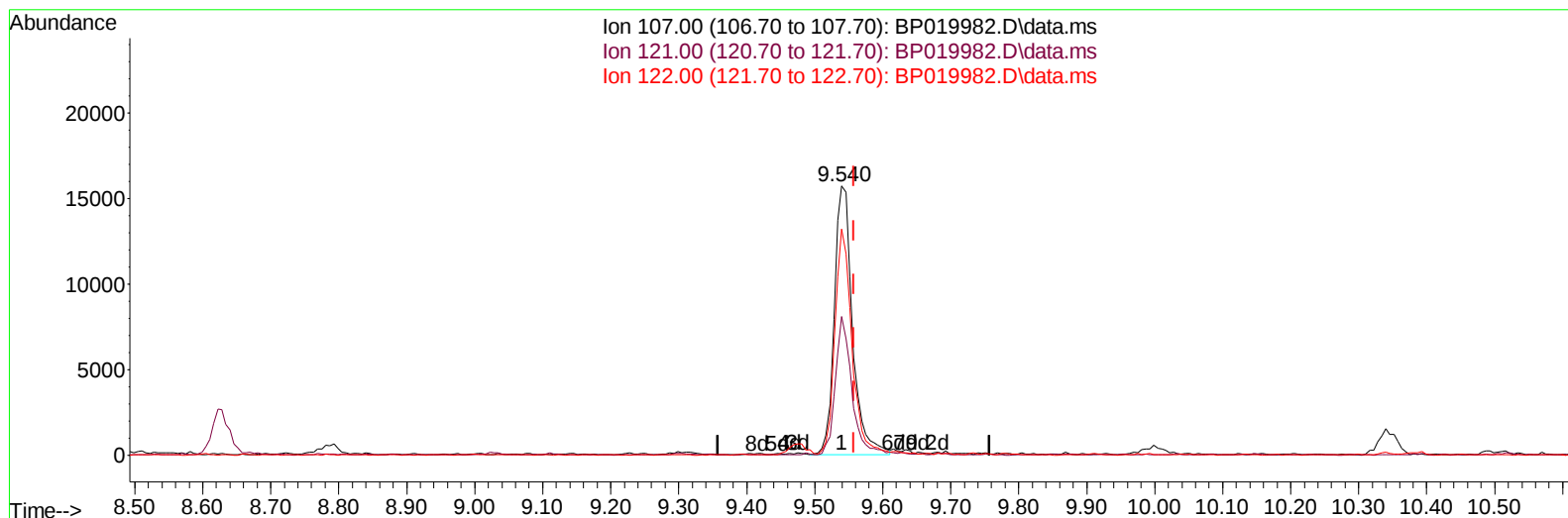
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
 Data File : BP019982.D
 Acq On : 25 Mar 2024 14:52
 Operator : MA/JU
 Sample : P1601-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Manual IntegrationsAPPROVED

Quant Time: Mar 25 15:47:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024



TIC: BP019982.D\data.ms

(26) 2,4-Dimethylphenol

9.540min (-0.018) 2.98 ng/u1

response 29201

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	46.80	51.50
122.00	79.10	84.10
0.00	0.00	0.00

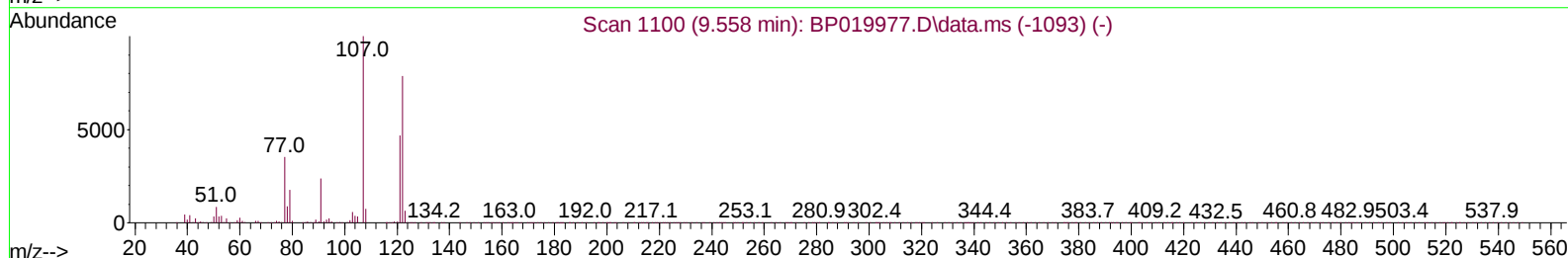
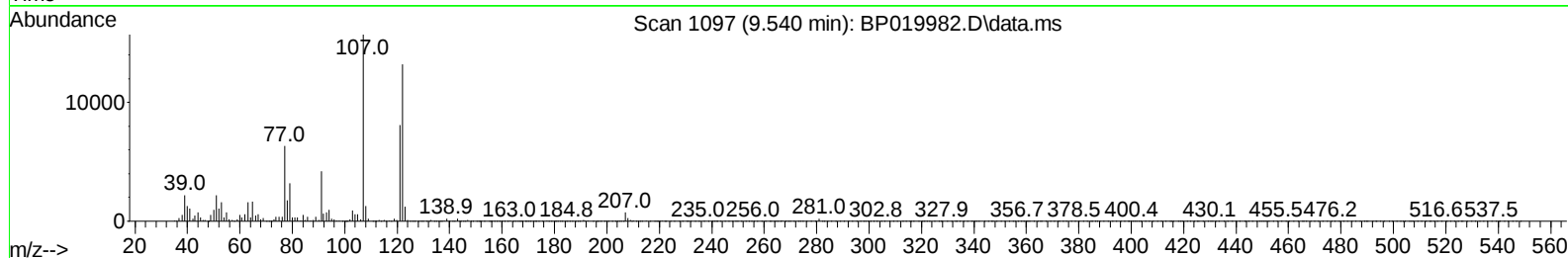
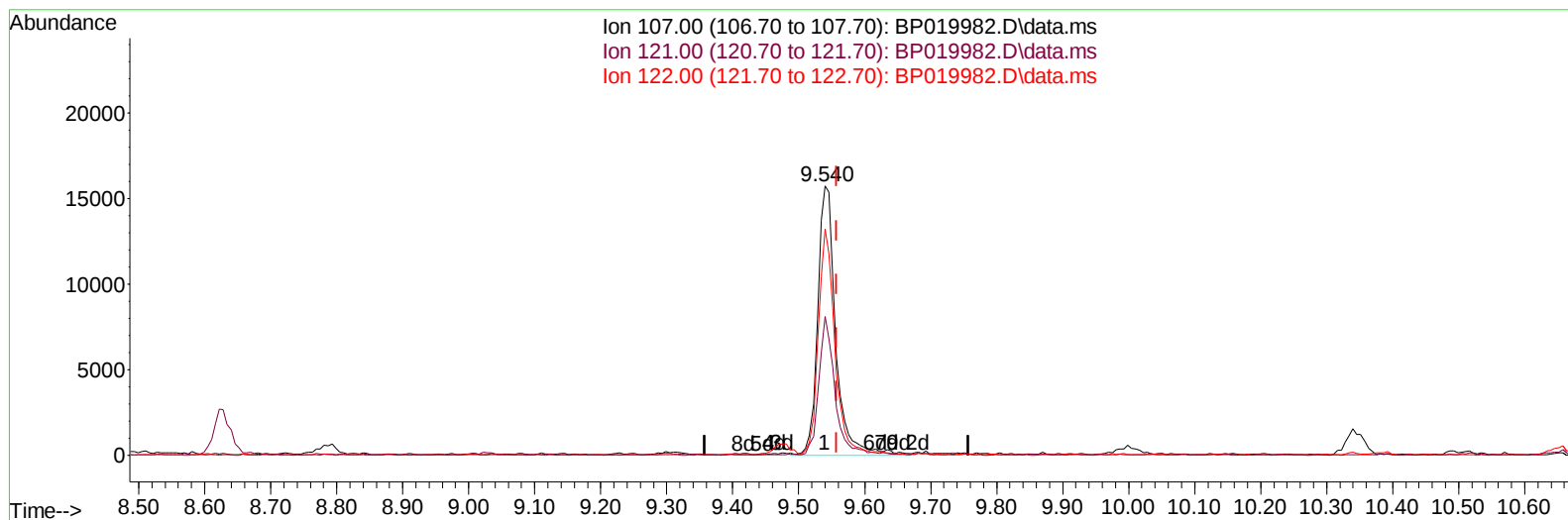
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TIC: BP019982.D\data.ms

(26) 2,4-Dimethylphenol

9.540min (-0.018) 3.07 ng/ul m

response 30059

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	46.80	51.50
122.00	79.10	84.10
0.00	0.00	0.00

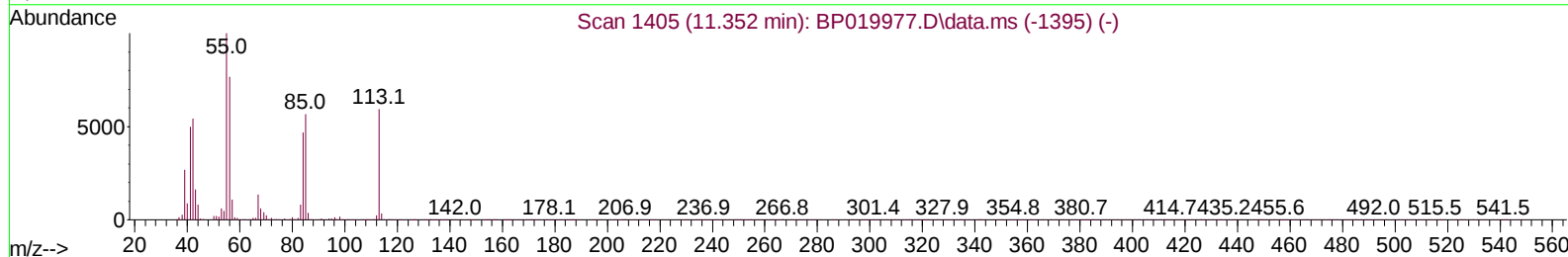
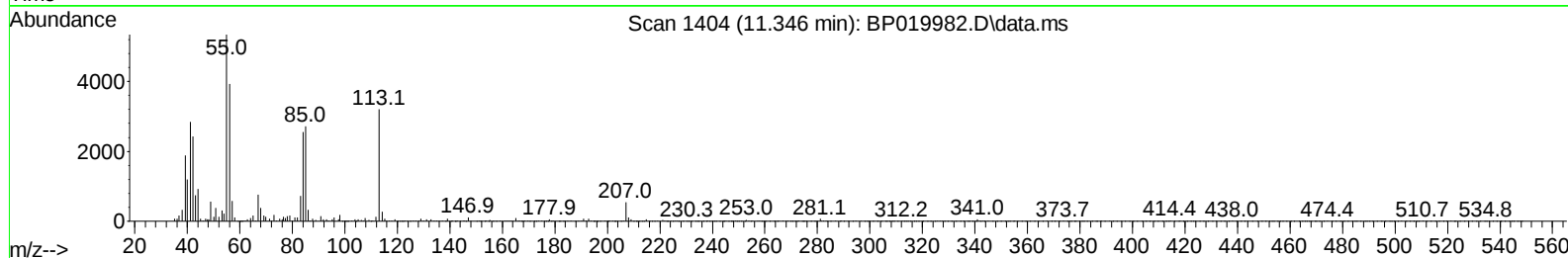
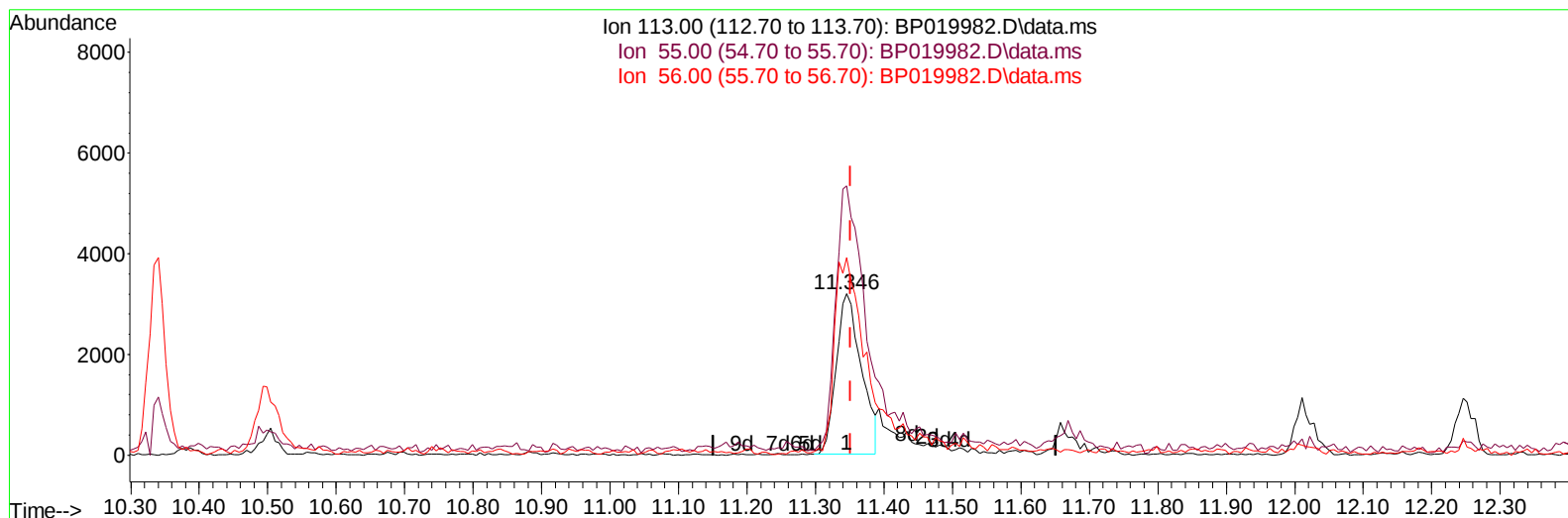
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TIC: BP019982.D\data.ms

(34) Caprolactam

11.346min (-0.006) 3.39 ng/u1

response 8114

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.90	166.69
56.00	143.30	122.43
0.00	0.00	0.00

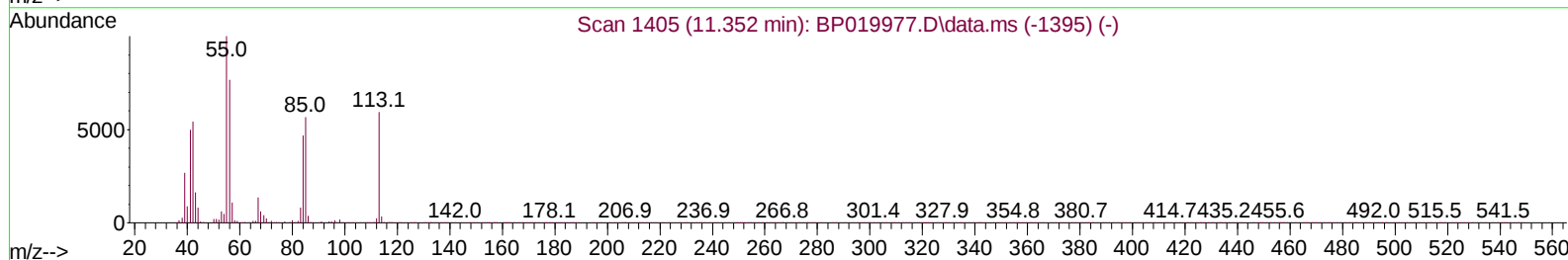
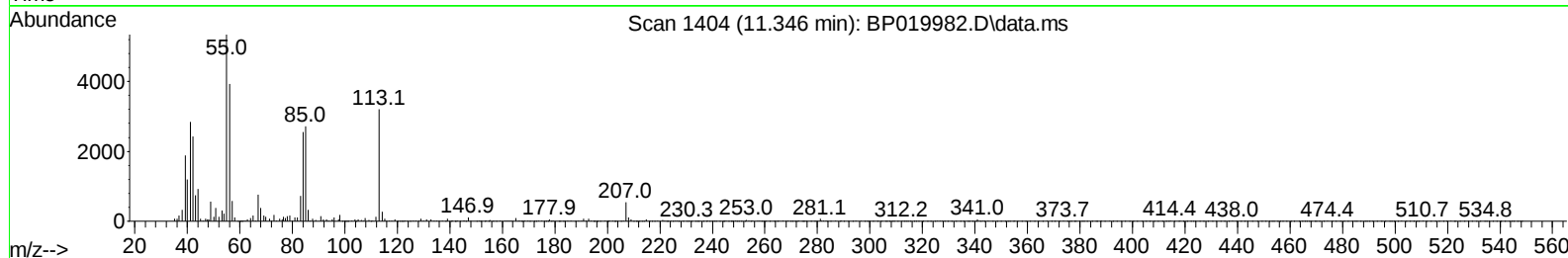
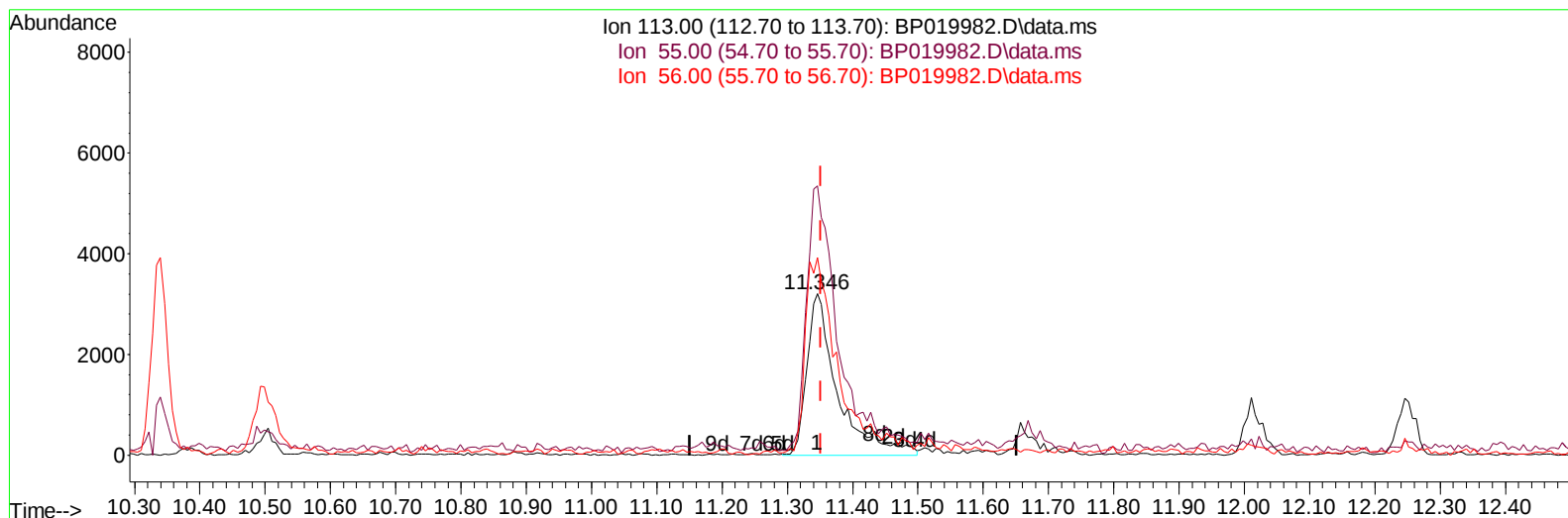
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BP019982.D\data.ms

(34) Caprolactam

11.346min (-0.006) 4.34 ng/ul m

response 10387

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.90	166.69
56.00	143.30	122.43
0.00	0.00	0.00

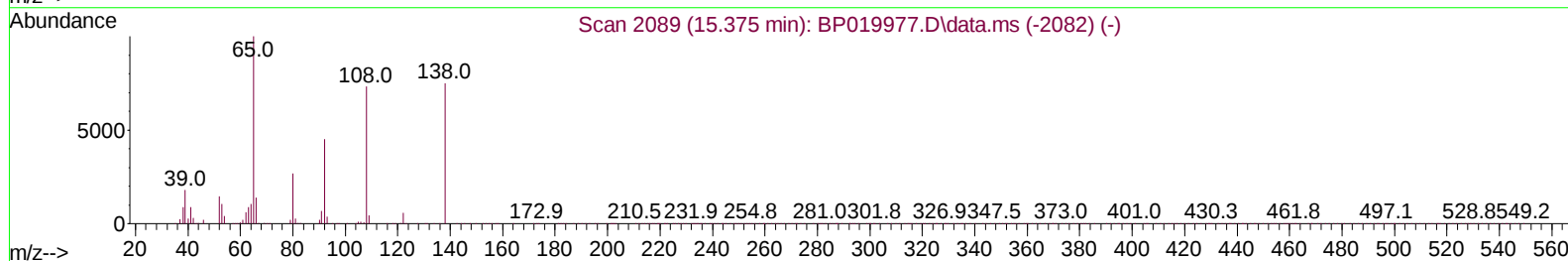
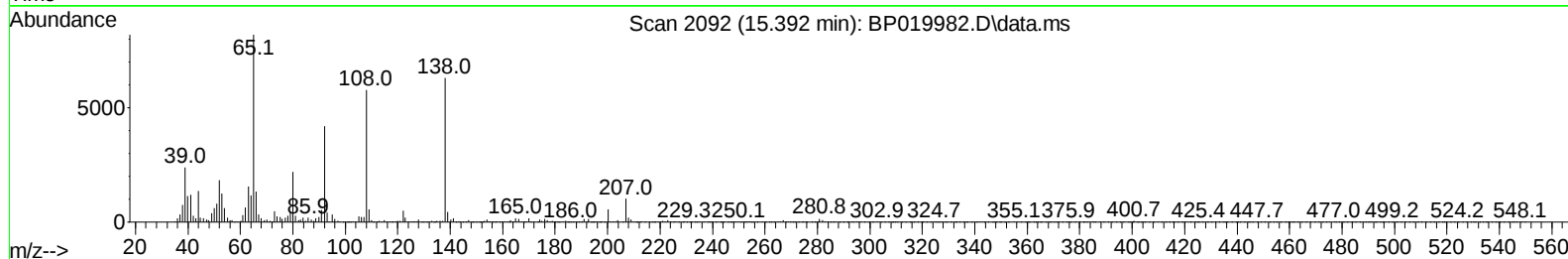
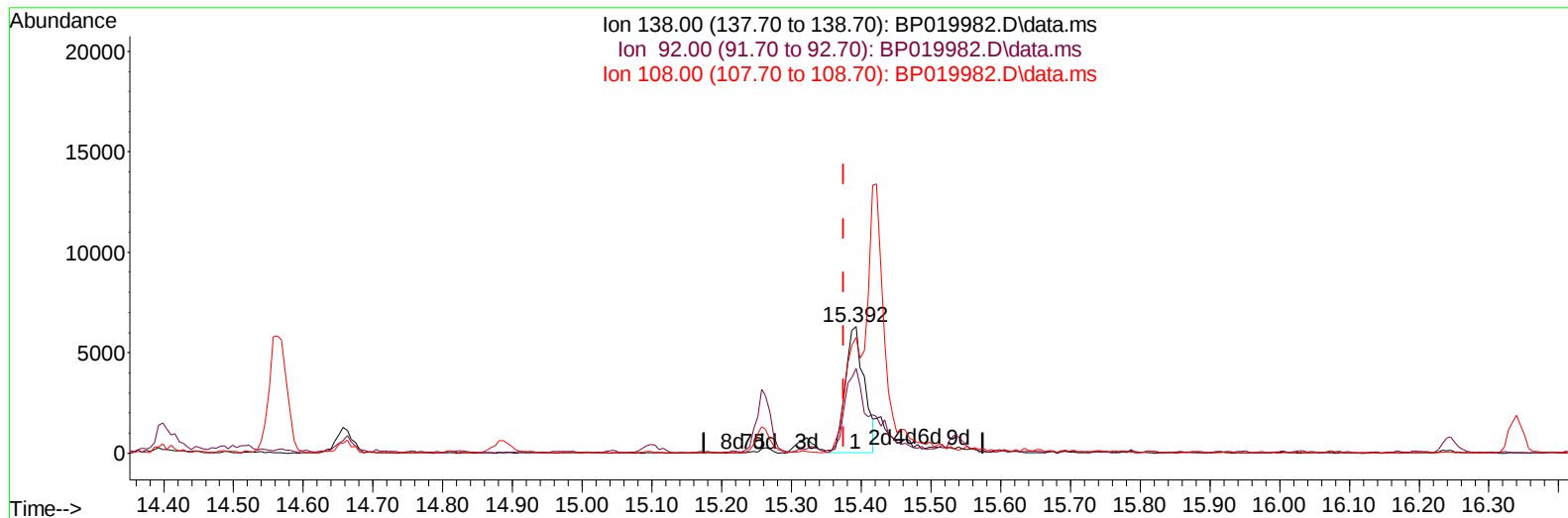
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TIC: BP019982.D\data.ms

(63) 4-Nitroaniline**15.392min (+ 0.018) 3.17 ng/ul****response 11792**

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	63.80	66.79
108.00	93.40	91.58
0.00	0.00	0.00

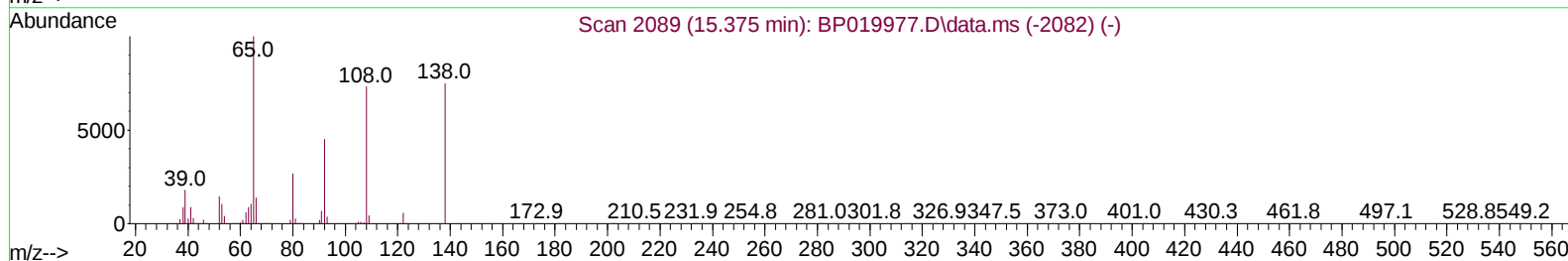
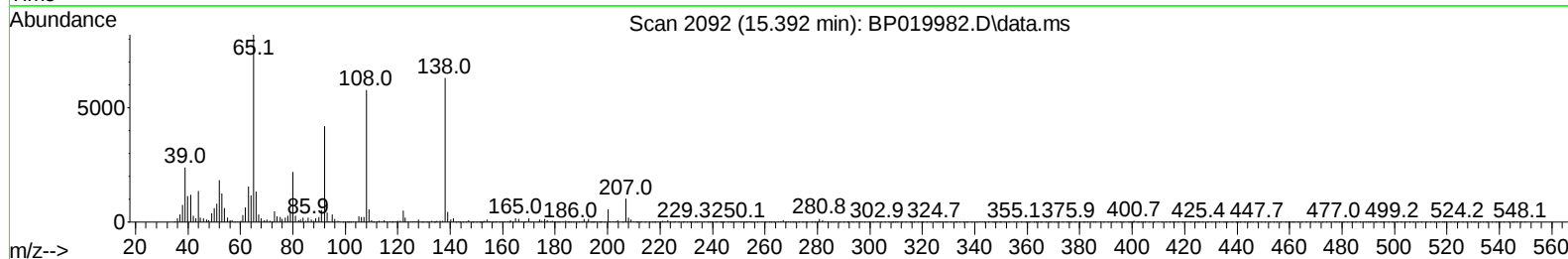
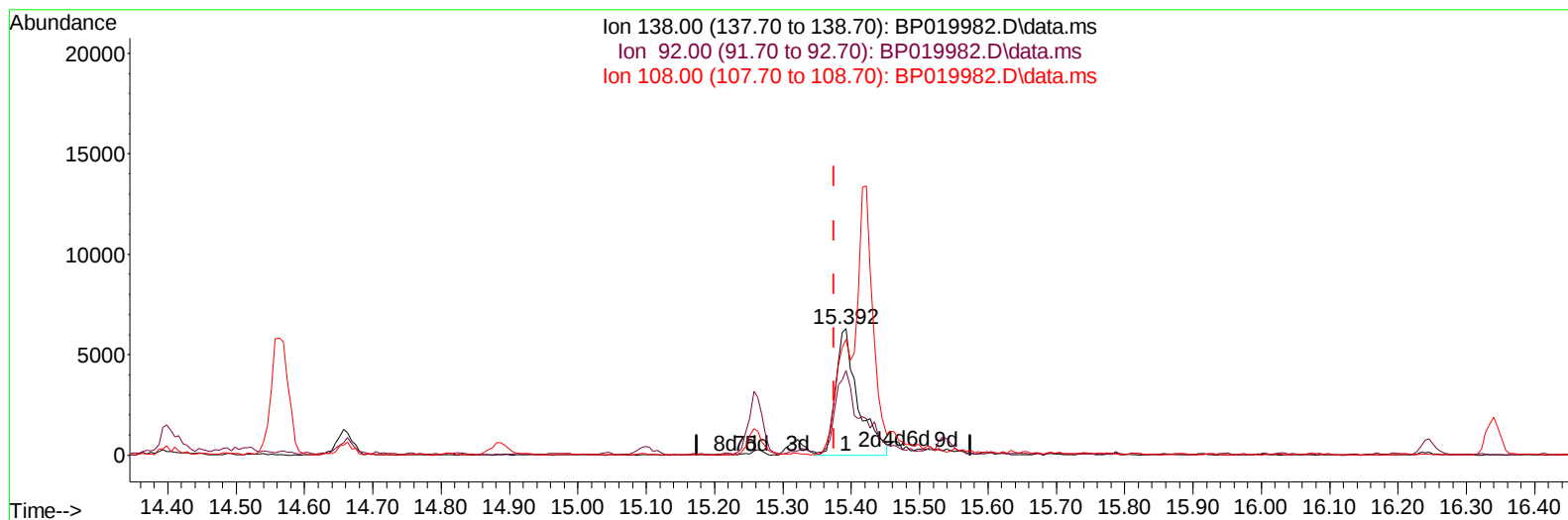
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
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 Operator : MA/JU
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 Misc : SFAM-MDL-WATER-01
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Mar 25 15:47:43 2024
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Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024



TIC: BP019982.D\data.ms

(63) 4-Nitroaniline

15.392min (+ 0.018) 3.85 ng/ul m

response 14296

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	63.80	66.79
108.00	93.40	91.58
0.00	0.00	0.00

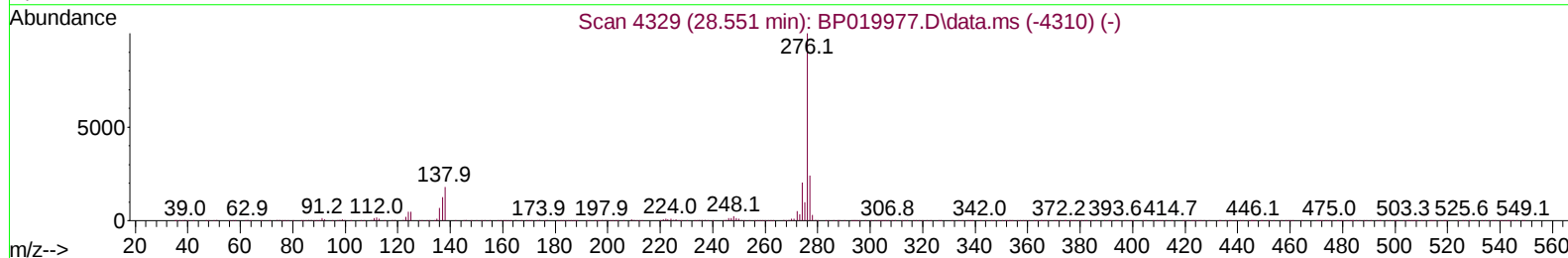
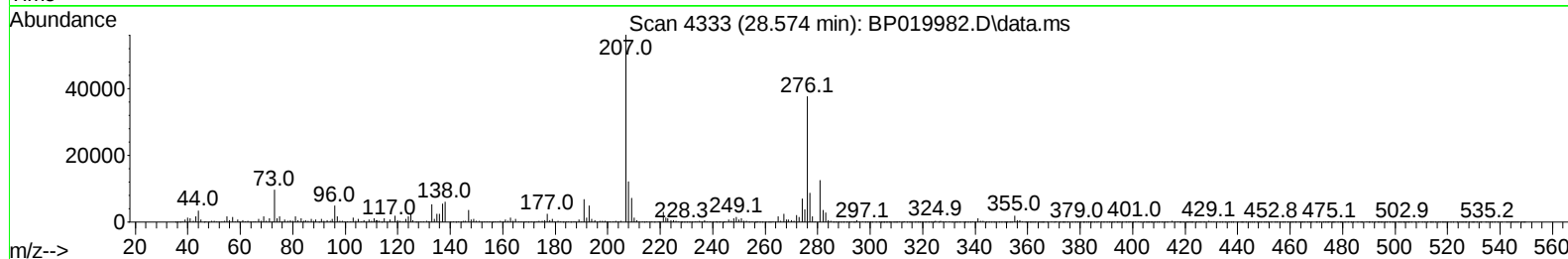
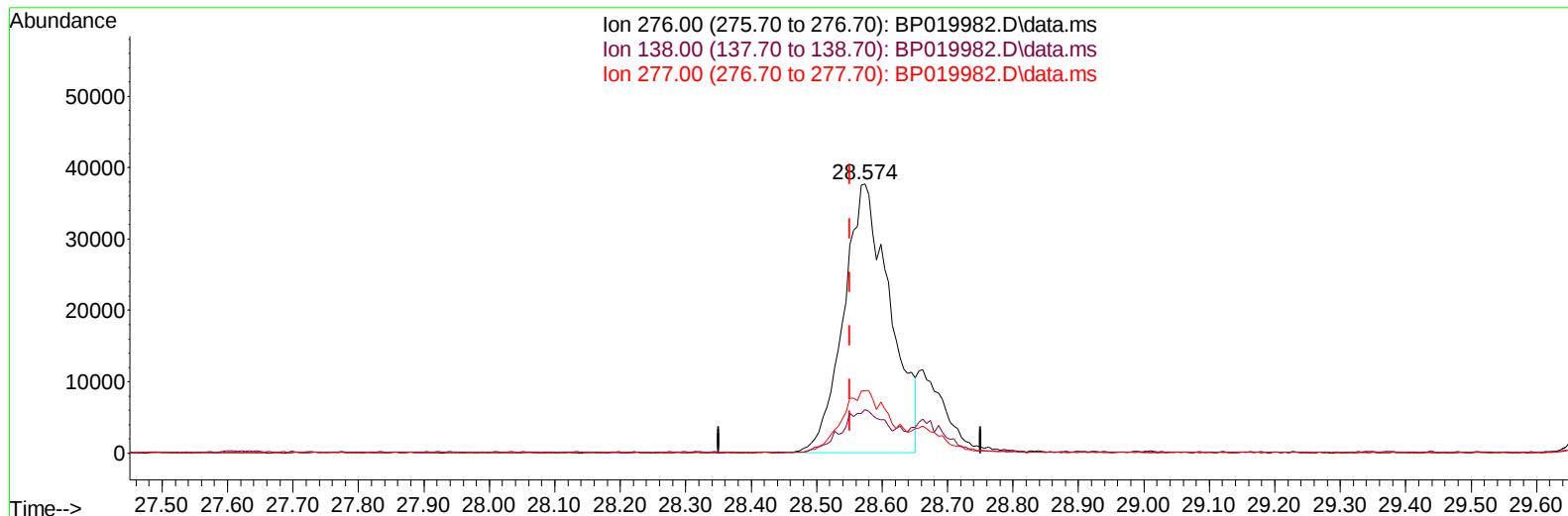
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Manual IntegrationsAPPROVED

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TIC: BP019982.D\data.ms

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

28.574min (+ 0.023) 3.15 ng/u1

response 185736

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	16.10
277.00	24.40	23.20
0.00	0.00	0.00

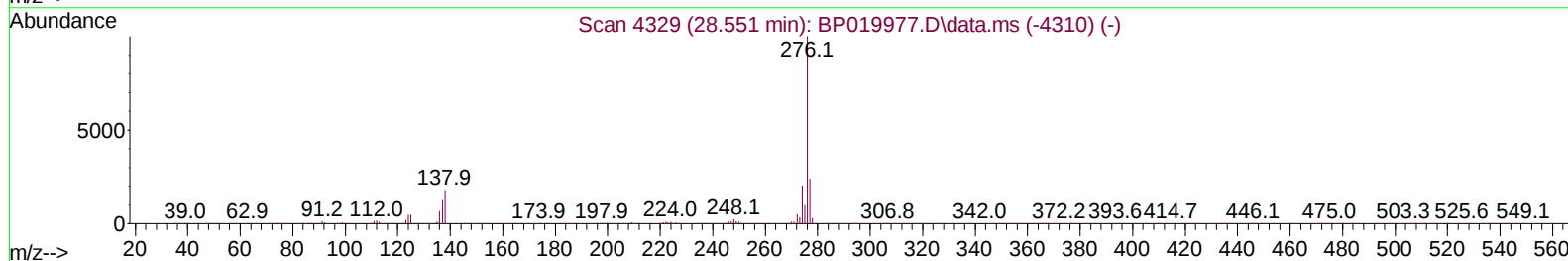
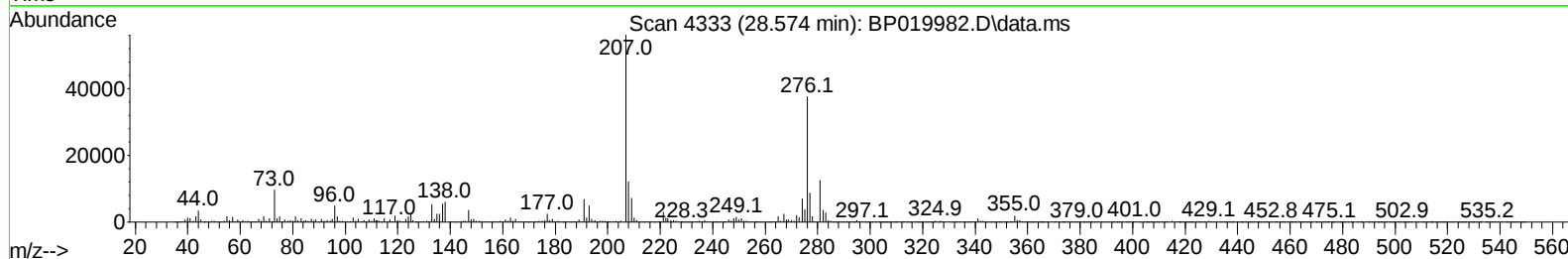
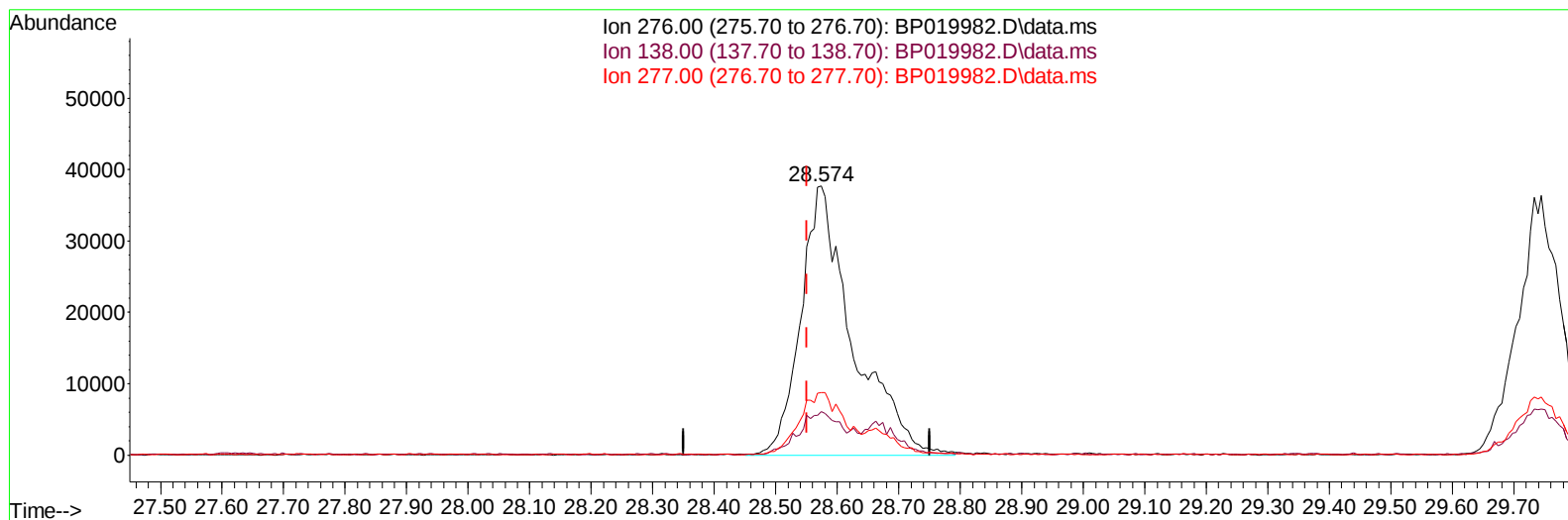
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
Data File : BP019982.D
Acq On : 25 Mar 2024 14:52
Operator : MA/JU
Sample : P1601-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2024-01

Manual IntegrationsAPPROVED

Quant Time: Mar 25 15:47:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/26/2024
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TIC: BP019982.D\data.ms

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

28.574min (+ 0.023) 3.74 ng/u1 m

response 220452

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	16.10
277.00	24.40	23.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
 Data File : BP019982.D
 Acq On : 25 Mar 2024 14:52
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 Sample : P1601-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024

Quant Time: Mar 25 15:49:06 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	129404	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.340	136	502205	20.000	ng/ul	-0.03
38) Acenaphthene-d10	14.246	164	328886	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	724555	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	721336	20.000	ng/ul	0.00
88) Perylene-d12	24.845	264	825081	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	14258	4.828	ng/uL	-0.02
4) Pyridine-d5	3.623	84	188881	21.180	ng/ul	-0.02
7) Phenol-d5	6.781	99	225664	20.677	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	6.946	67	146842	20.652	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.134	132	163405	20.848	ng/ul	-0.02
15) 4-Methylphenol-d8	8.287	113	168036	19.901	ng/ul	-0.02
21) Nitrobenzene-d5	8.740	128	81788	21.248	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.446	143	89390	20.755	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.981	165	152461	19.383	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.505	131	203765	19.872	ng/ul	-0.01
46) Dimethylphthalate-d6	13.646	166	478534	20.753	ng/ul	0.00
49) Acenaphthylene-d8	13.928	160	549632	20.405	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	63208	17.436	ng/ul	0.00
60) Fluorene-d10	15.257	176	414409	21.097	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	74650	17.212	ng/ul	0.00
73) Anthracene-d10	17.163	188	611555	19.067	ng/ul	0.00
81) Pyrene-d10	19.569	212	784425	18.535	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	818167	20.641	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	4041	1.199	ng/uL#	87
5) Pyridine	3.640	79	35208	3.873	ng/ul#	57
6) Benzaldehyde	6.769	77	26718	4.951	ng/ul	90
8) Phenol	6.811	94	43385	3.802	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.034	93	36505	3.950	ng/ul	100
12) 2-Chlorophenol	7.164	128	32732	3.963	ng/ul	97
13) 2-Methylphenol	8.034	108	30413	3.698	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.105	45	50917	4.007	ng/ul	99
16) Acetophenone	8.411	105	54142	3.975	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.393	70	29027	3.821	ng/ul	99
18) 4-Methylphenol	8.363	108	33998	3.840	ng/ul	92
19) Hexachloroethane	8.628	117	15400	4.014	ng/ul	96
22) Nitrobenzene	8.775	77	43963	4.010	ng/ul	98
23) Isophorone	9.299	82	79077	3.869	ng/ul	96
25) 2-Nitrophenol	9.475	139	16973	3.780	ng/ul	96
26) 2,4-Dimethylphenol	9.540	107	30059m	3.067	ng/ul	
27) Bis(2-Chloroethoxy)met...	9.769	93	45365	3.796	ng/ul	98
29) 2,4-Dichlorophenol	10.005	162	30436	3.956	ng/ul	98
30) Naphthalene	10.387	128	103528	4.018	ng/ul	98
32) 4-Chloroaniline	10.522	127	38052	3.781	ng/ul	100
33) Hexachlorobutadiene	10.652	225	24798	4.090	ng/ul	98
34) Caprolactam	11.346	113	10387m	4.343	ng/ul	
35) 4-Chloro-3-methylphenol	11.663	107	31848	3.726	ng/ul	97

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Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.010	142	67196	3.917	ng/ul	95
37) 1-Methylnaphthalene	12.251	142	71109	4.145	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.387	216	39874	3.667	ng/ul	98
40) Hexachlorocyclopentadiene	12.346	237	23843	3.875	ng/ul	99
41) 2,4,6-Trichlorophenol	12.651	196	23509	3.519	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	23475	3.398	ng/ul	96
43) 1,1'-Biphenyl	13.051	154	89902	3.775	ng/ul	98
44) 2-Chloronaphthalene	13.093	162	72216	3.760	ng/ul	98
45) 2-Nitroaniline	13.328	65	20834	3.444	ng/ul	93
47) Dimethylphthalate	13.687	163	92745	3.985	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	17514	3.706	ng/ul	93
50) Acenaphthylene	13.957	152	117173	3.890	ng/ul	98
51) 3-Nitroaniline	14.187	138	14457	3.322	ng/ul	82
52) Acenaphthene	14.310	153	76850	3.840	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	9203	3.422	ng/ul	95
55) 4-Nitrophenol	14.504	109	12100	3.637	ng/ul	89
56) Dibenzofuran	14.657	168	107406	3.952	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	24678	3.820	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.881	232	21831	3.685	ng/ul	97
59) Diethylphthalate	15.098	149	92951	4.027	ng/ul	98
61) Fluorene	15.322	166	89217	4.025	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	48276	4.066	ng/ul	98
63) 4-Nitroaniline	15.392	138	14296m	3.846	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	16397	3.562	ng/ul#	78
67) N-Nitrosodiphenylamine	15.534	169	74685	3.732	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	28172	3.583	ng/ul	97
69) Hexachlorobenzene	16.340	284	32134	3.680	ng/ul	98
70) Atrazine	16.551	200	30346	3.958	ng/ul	98
71) Pentachlorophenol	16.722	266	17853	3.488	ng/ul	96
72) Phenanthrene	17.110	178	140543	3.752	ng/ul	99
74) Anthracene	17.210	178	139875	3.677	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.010	216	41069	3.477	ng/uL	97
76) Pentachlorobenzene	14.563	250	41308	3.776	ng/uL	97
77) Carbazole	17.510	167	118677	3.649	ng/ul	99
78) Di-n-butylphthalate	18.098	149	157753	3.884	ng/ul	98
80) Fluoranthene	19.222	202	173042	3.481	ng/ul	99
82) Pyrene	19.604	202	184879	3.578	ng/ul	98
83) Butylbenzylphthalate	20.580	149	75428	3.595	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	53888	3.513	ng/ul	96
85) Benzo(a)anthracene	21.522	228	192122	3.849	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.475	149	114872	3.747	ng/ul	98
87) Chrysene	21.592	228	182896	3.941	ng/ul	97
89) Di-n-octyl phthalate	22.739	149	203046	3.880	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	180379	3.729	ng/ul	98
91) Benzo(k)fluoranthene	23.869	252	185496	3.773	ng/ul	99
93) Benzo(a)pyrene	24.686	252	176947	3.782	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.574	276	220452m	3.741	ng/ul	
95) Dibenzo(a,h)anthracene	28.662	278	175380	3.658	ng/ul	98
96) Benzo(g,h,i)perylene	29.745	276	178148	3.742	ng/ul	97

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

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2024-01

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

