

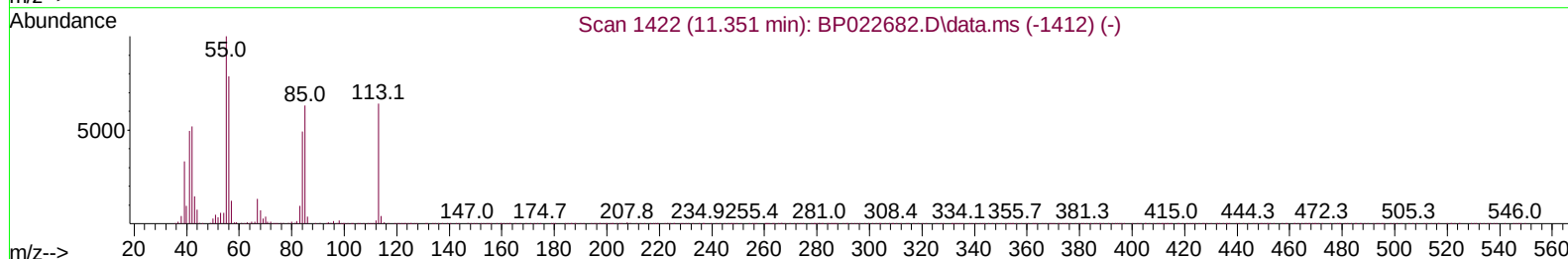
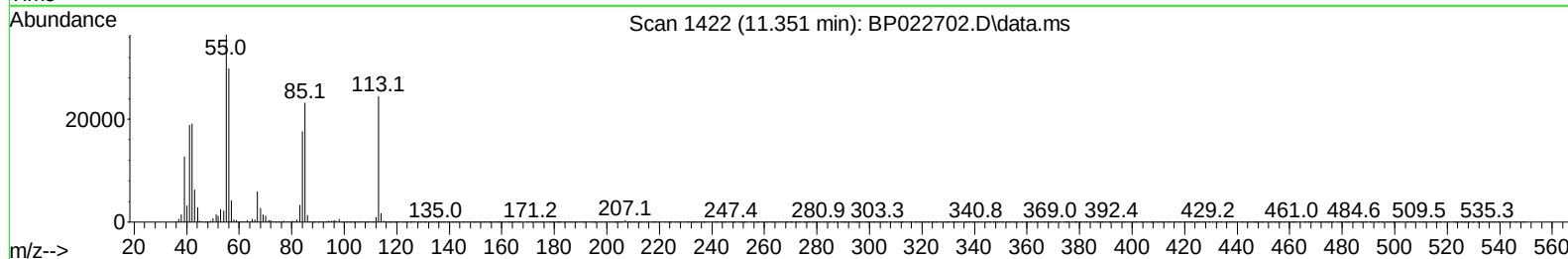
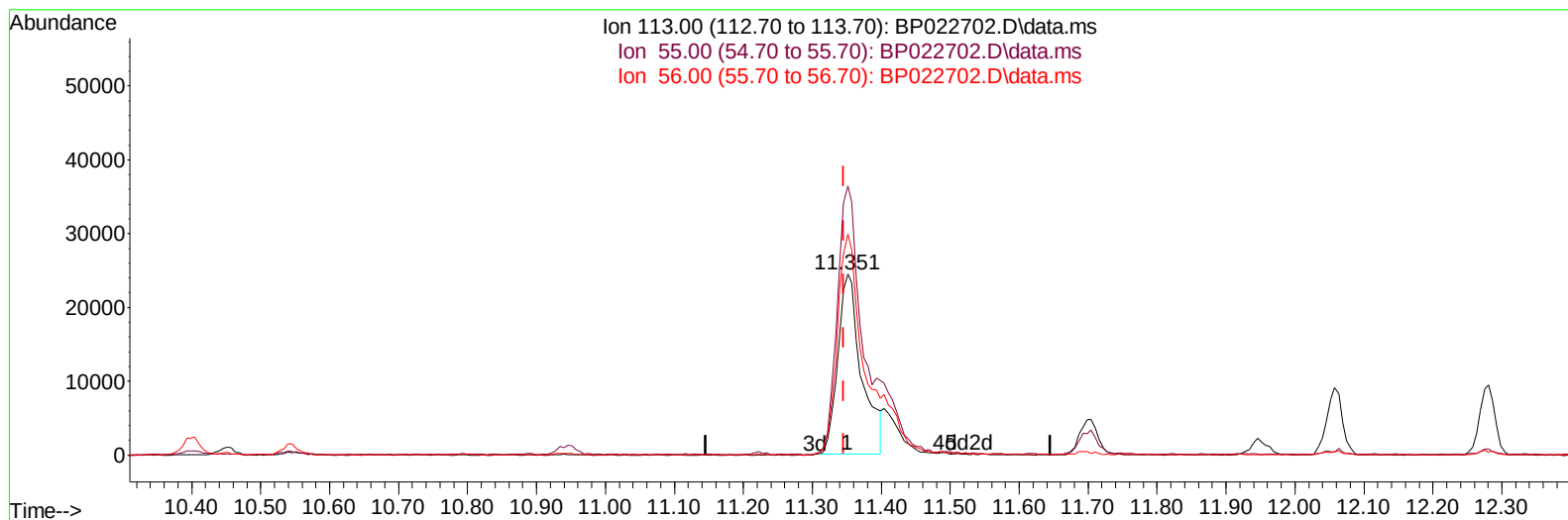
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022702.D
Acq On : 29 Oct 2024 06:25
Operator : RC/JU
Sample : P4494-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F35MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 29 06:50:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 29 04:53:07 2024
Response via : Initial Calibration



TIC: BP022702.D\data.ms

(34) Caprolactam

11.351min (+ 0.006) 27.40 ng/ul

response 58053

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	148.77
56.00	130.00	122.18
0.00	0.00	0.00

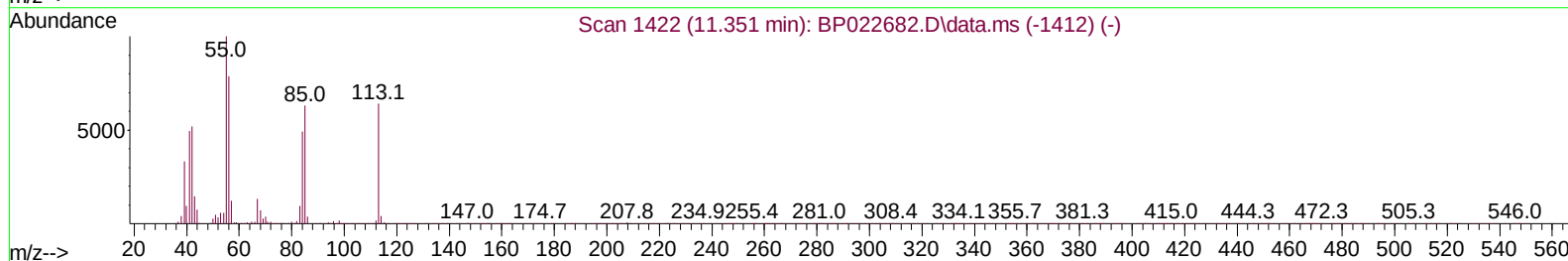
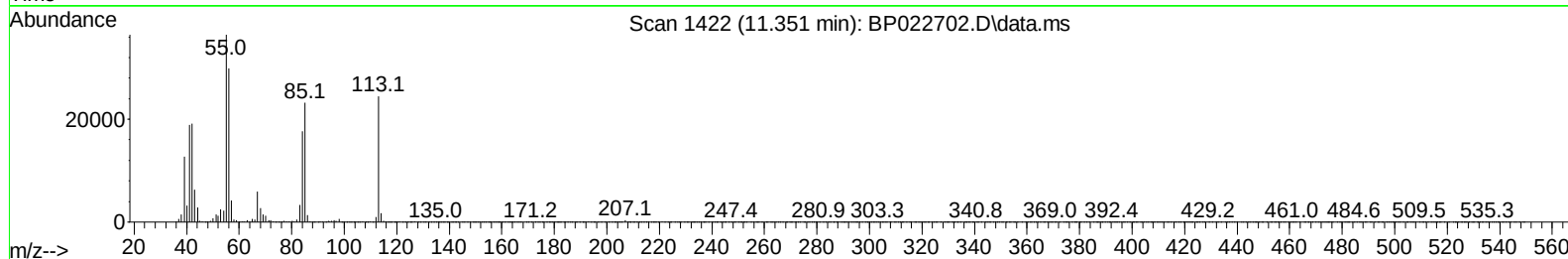
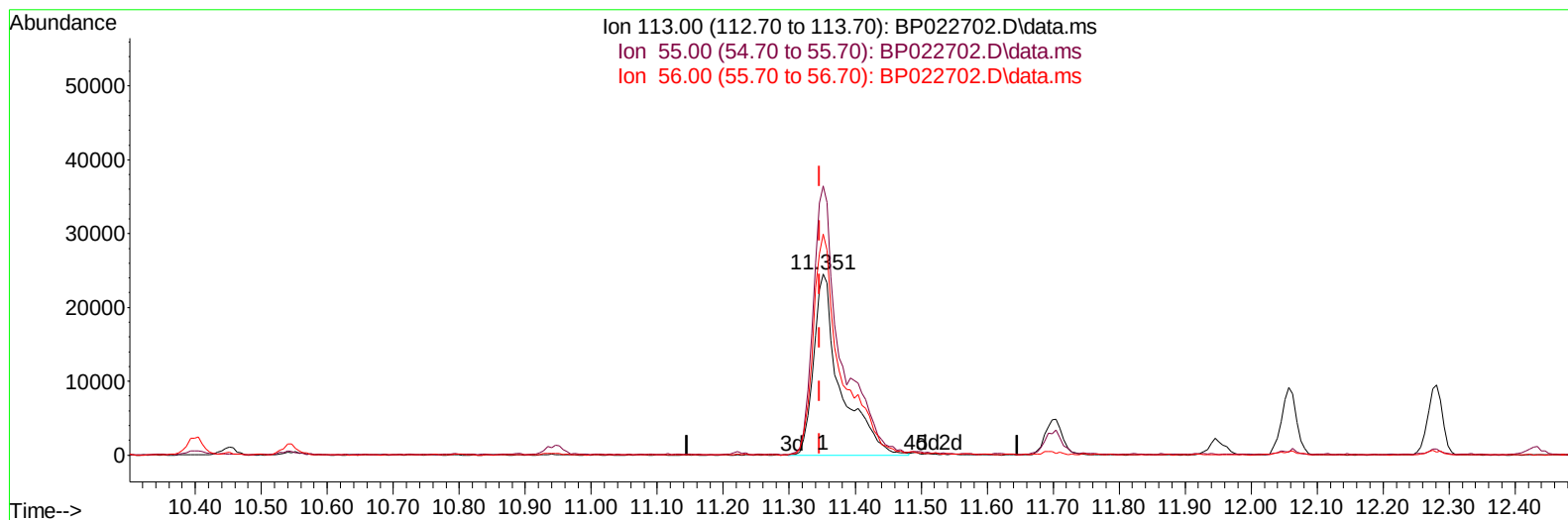
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Sample : P4494-03MSD
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TIC: BP022702.D\data.ms

(34) Caprolactam

11.351min (+ 0.006) 32.84 ng/ul m

response 69582

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	148.77
56.00	130.00	122.18
0.00	0.00	0.00

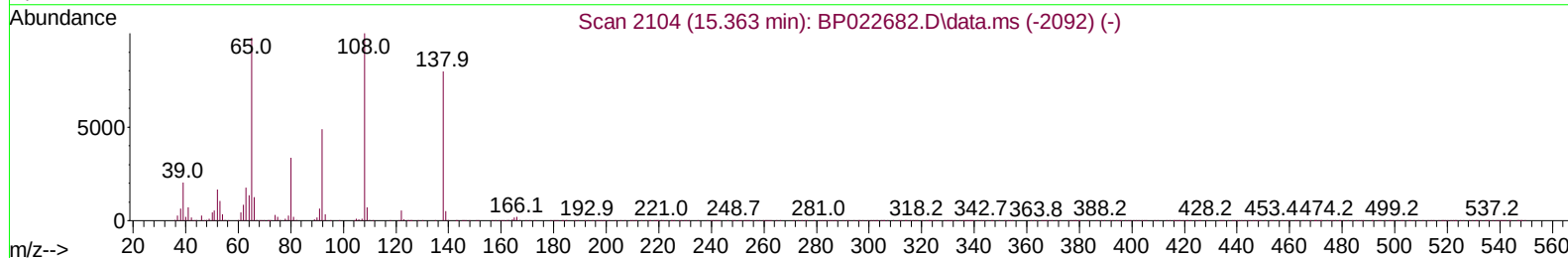
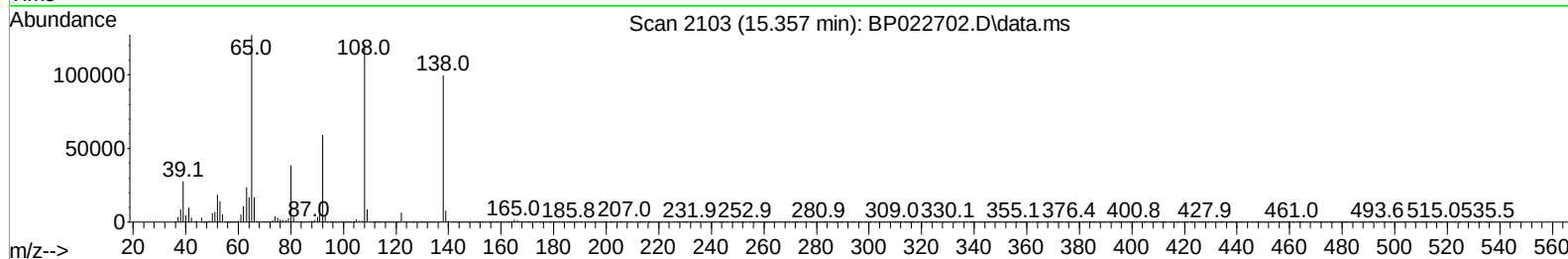
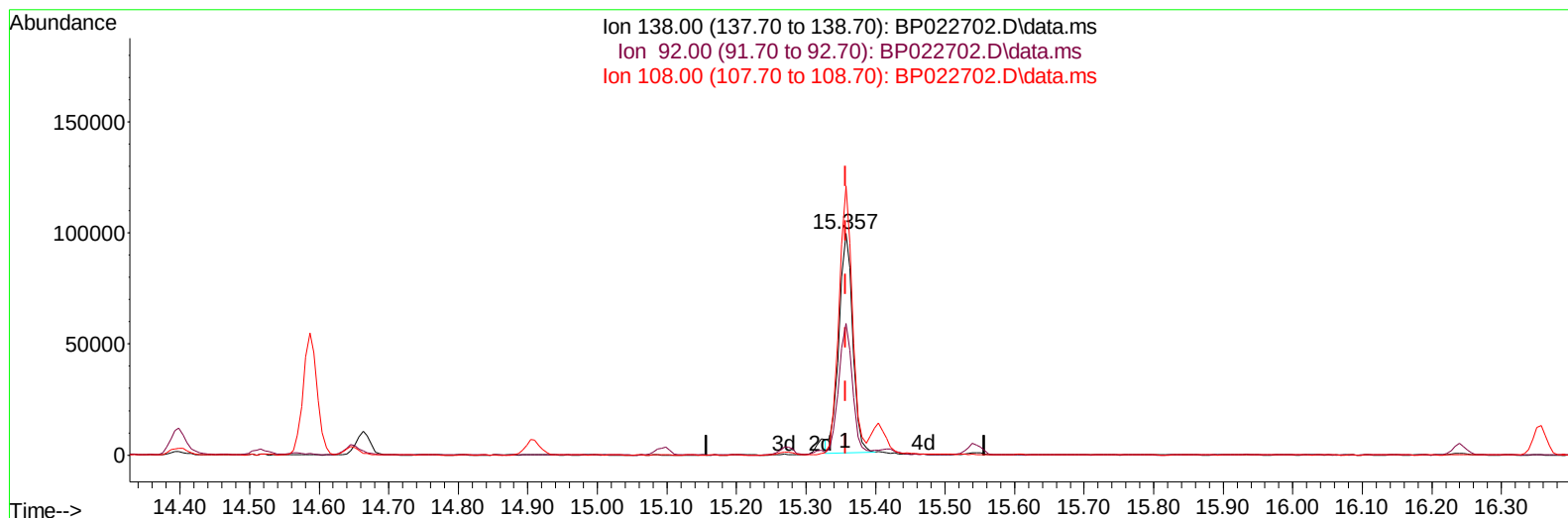
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022702.D
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Sample : P4494-03MSD
Misc :
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TIC: BP022702.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.000) 34.28 ng/ul

response 137741

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	59.34
108.00	113.30	121.43
0.00	0.00	0.00

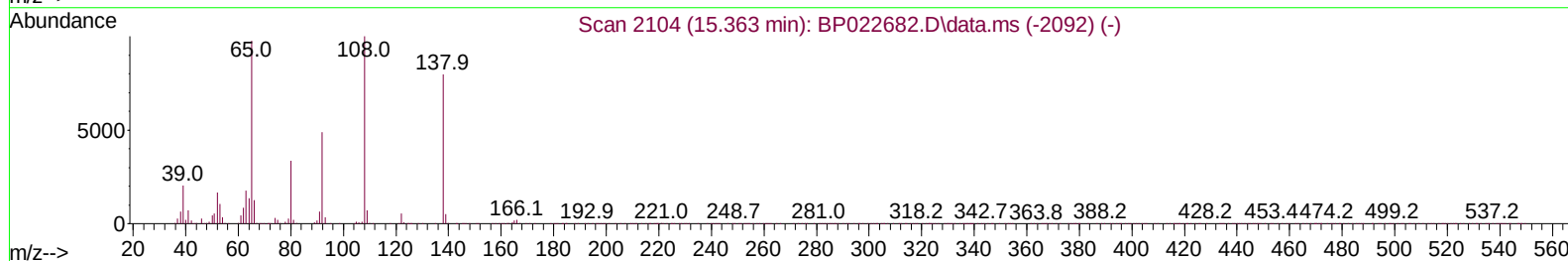
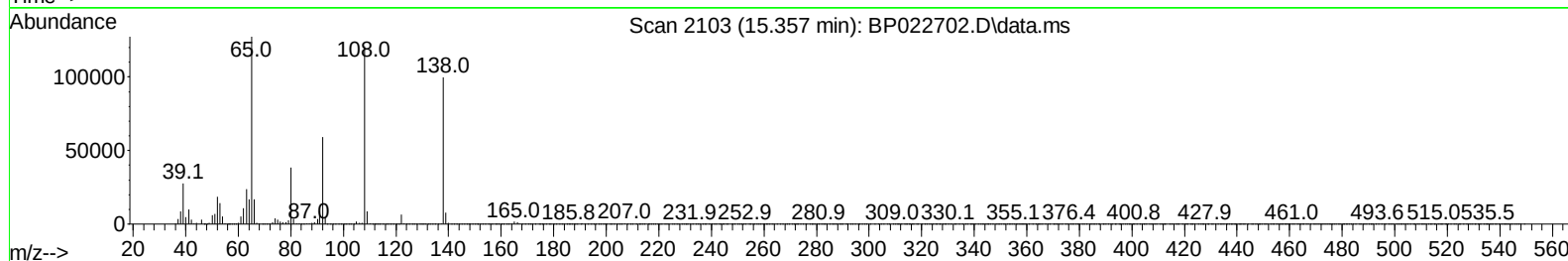
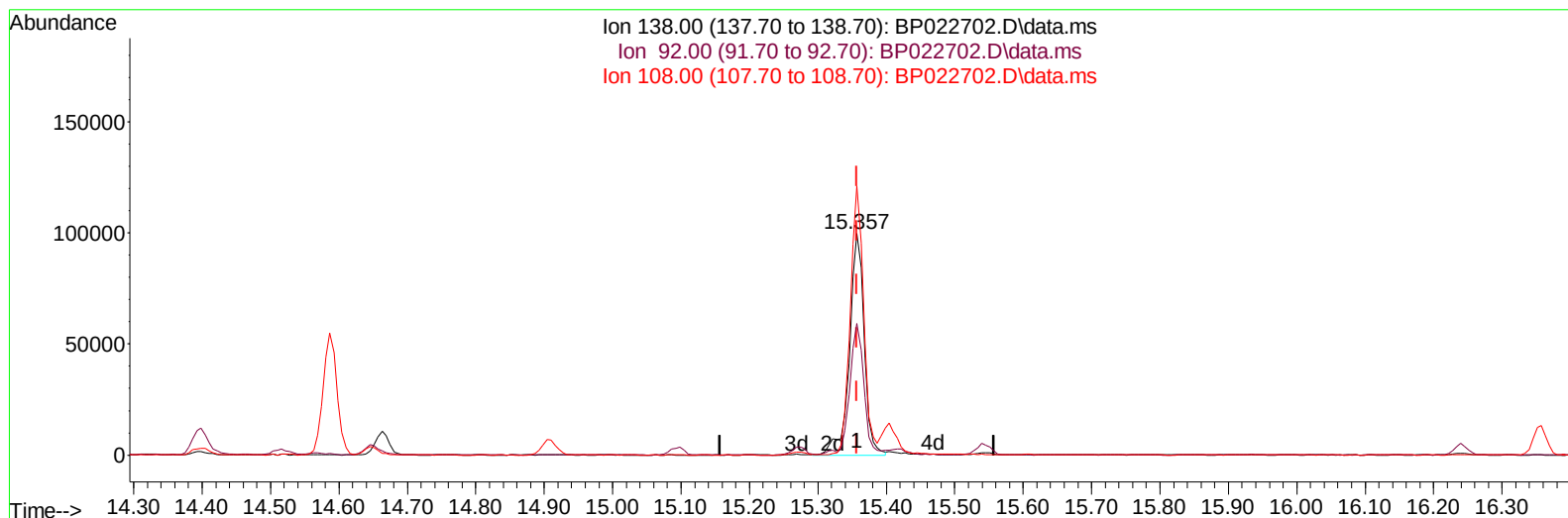
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 10/30/2024



TIC: BP022702.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.000) 37.32 ng/ul m

response 149951

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	59.34
108.00	113.30	121.43
0.00	0.00	0.00

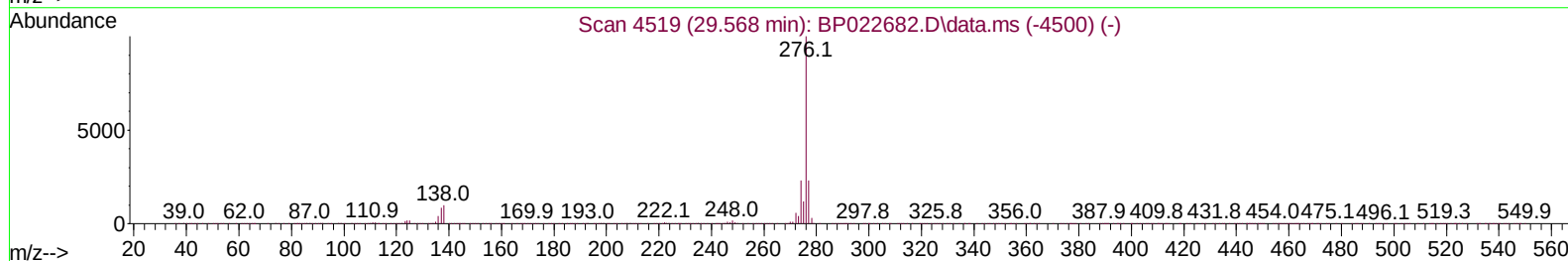
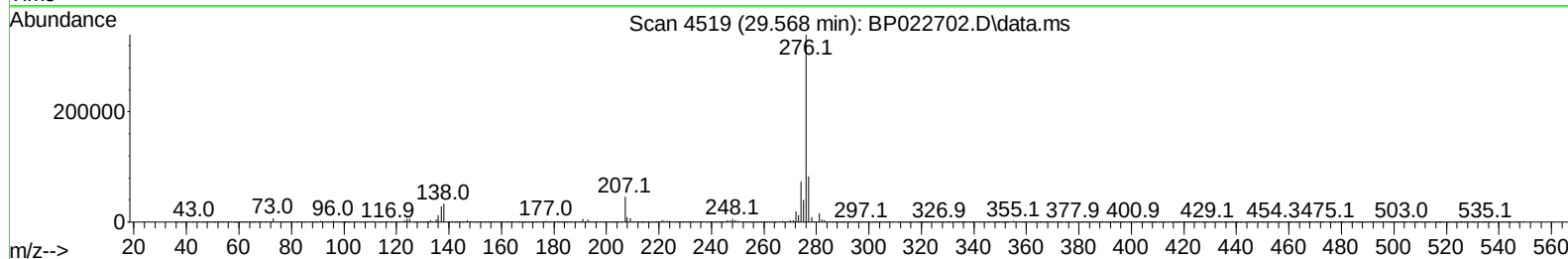
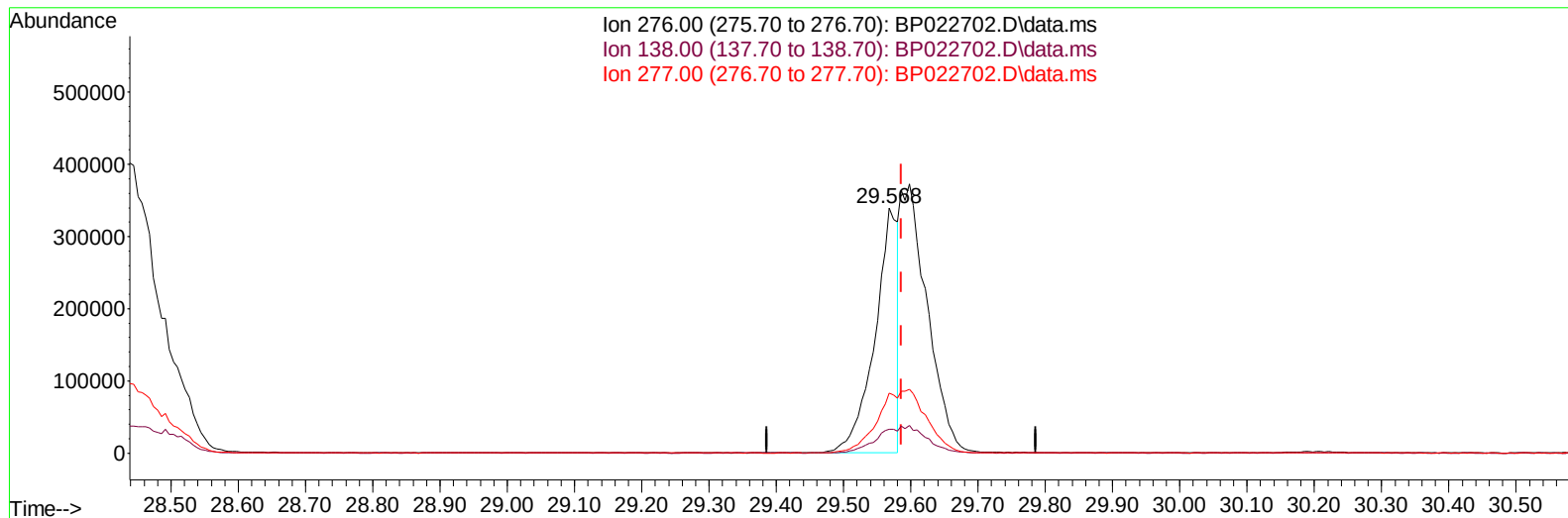
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022702.D
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Operator : RC/JU
Sample : P4494-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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TIC: BP022702.D\data.ms

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

29.568min (-0.018) 15.35 ng/u1

response 801930

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.75
277.00	23.70	24.34
0.00	0.00	0.00

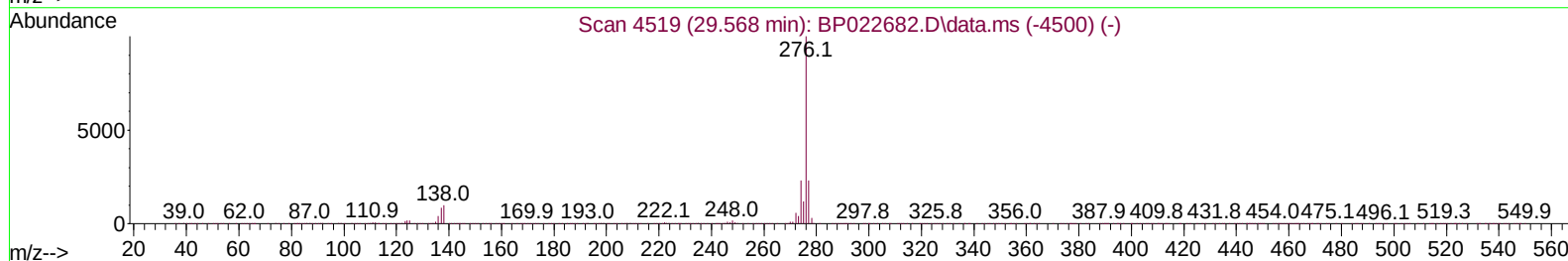
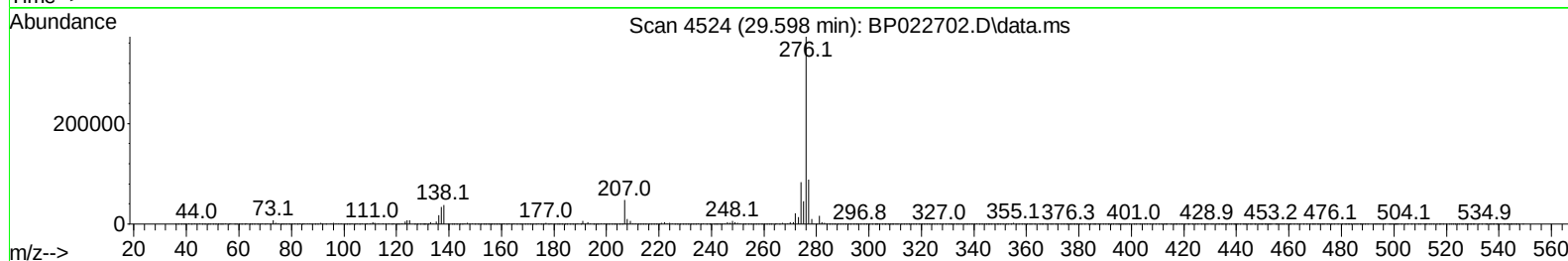
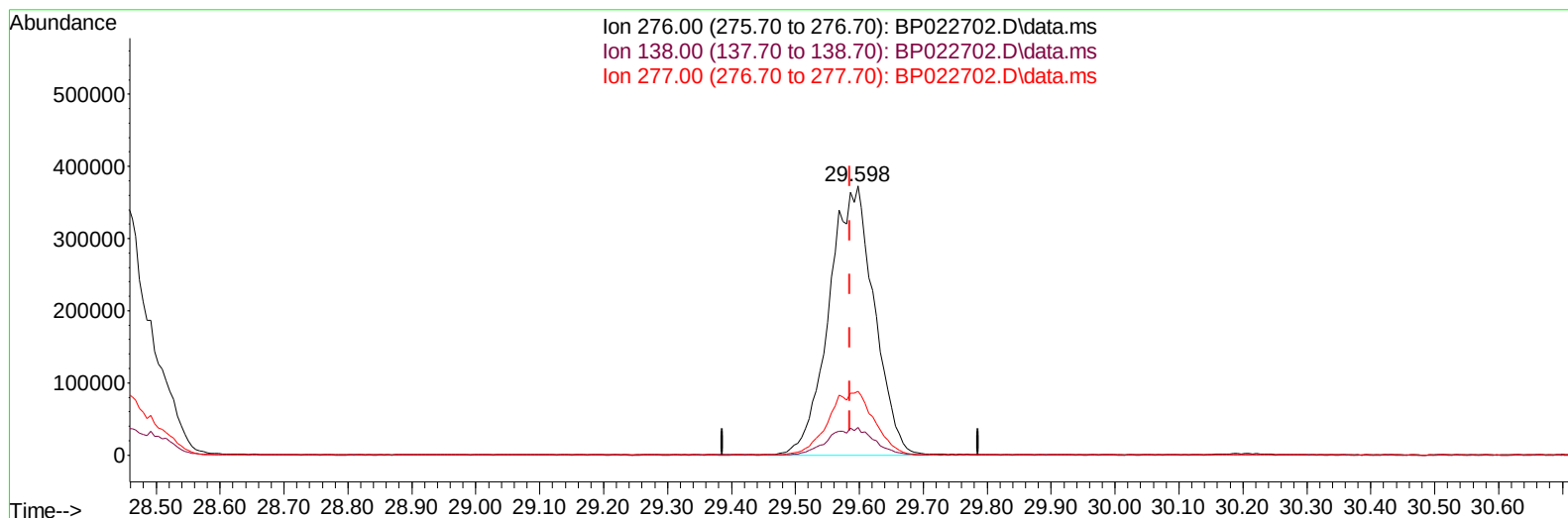
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022702.D
Acq On : 29 Oct 2024 06:25
Operator : RC/JU
Sample : P4494-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F35MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :mohammad ahmed 10/30/2024

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Response via : Initial Calibration



TIC: BP022702.D\data.ms

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

29.598min (+ 0.012) 35.06 ng/ul m

response 1832302

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.27
277.00	23.70	23.61
0.00	0.00	0.00

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 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F35MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 29 06:52:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 29 04:53:07 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :mohammad ahmed 10/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	91527	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	352739	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	283933	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	678465	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	729044	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	869026	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8342	3.542	ng/uL	0.00
4) Pyridine-d5	3.593	84	135556	20.965	ng/ul	0.00
7) Phenol-d5	6.840	99	191781	24.892	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	106861	23.599	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	144049	26.349	ng/ul	0.00
15) 4-Methylphenol-d8	8.352	113	160590	26.118	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	71507	26.365	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	86141	27.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	189099	28.335	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	177960	22.567	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	558440	24.755	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	611165	25.507	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	80676	21.317	ng/ul	-0.01
60) Fluorene-d10	15.275	176	491531	25.120	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	95108	21.314	ng/ul	0.00
73) Anthracene-d10	17.151	188	821693	25.745	ng/ul	-0.01
81) Pyrene-d10	19.545	212	1003157	26.020	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	1228864	26.478	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	27961	11.041	ng/uL	99
5) Pyridine	3.611	79	204078	30.782	ng/ul	98
6) Benzaldehyde	6.805	77	21413	5.143	ng/ul	97
8) Phenol	6.863	94	287666	35.887	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.075	93	198969	33.167	ng/ul	98
12) 2-Chlorophenol	7.216	128	202682	35.853	ng/ul	99
13) 2-Methylphenol	8.087	108	205680	35.357	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	224468	32.195	ng/ul	99
16) Acetophenone	8.457	105	328837	32.395	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.440	70	168838	32.830	ng/ul	97
18) 4-Methylphenol	8.416	108	220701	34.199	ng/ul	96
19) Hexachloroethane	8.699	117	90179	34.252	ng/ul	96
22) Nitrobenzene	8.828	77	266211	32.882	ng/ul	97
23) Isophorone	9.346	82	481031	33.139	ng/ul	99
25) 2-Nitrophenol	9.528	139	122883	36.312	ng/ul	97
26) 2,4-Dimethylphenol	9.593	107	265767	36.132	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.822	93	273371	33.168	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	242023	36.826	ng/ul	99
30) Naphthalene	10.451	128	647885	34.484	ng/ul	98
32) 4-Chloroaniline	10.569	127	192628	24.746	ng/ul	98
33) Hexachlorobutadiene	10.728	225	194084	35.039	ng/ul	99
34) Caprolactam	11.351	113	69582m	32.840	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	262225	36.570	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	486326	35.263	ng/ul	97
37) 1-Methylnaphthalene	12.281	142	471049	33.464	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	357118	34.016	ng/ul	93
40) Hexachlorocyclopentadiene	12.404	237	138467	21.648	ng/ul	97
41) 2,4,6-Trichlorophenol	12.681	196	235312	35.633	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	256587	36.490	ng/ul	98
43) 1,1'-Biphenyl	13.075	154	689890	33.710	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	566622	33.821	ng/ul	99
45) 2-Nitroaniline	13.334	65	169493	33.882	ng/ul	95
47) Dimethylphthalate	13.710	163	730266	32.486	ng/ul	100
48) 2,6-Dinitrotoluene	13.840	165	155198	36.501	ng/ul	96
50) Acenaphthylene	13.975	152	831958	33.456	ng/ul	99
51) 3-Nitroaniline	14.181	138	132441	33.165	ng/ul	96
52) Acenaphthene	14.328	153	601236	34.192	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	86178	27.548	ng/ul	95
55) 4-Nitrophenol	14.516	109	136577	32.515	ng/ul	97
56) Dibenzofuran	14.663	168	897623	33.983	ng/ul	99
57) 2,4-Dinitrotoluene	14.645	165	236514	35.797	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	237323	36.159	ng/ul#	97
59) Diethylphthalate	15.098	149	726088	33.668	ng/ul	99
61) Fluorene	15.328	166	730914	33.961	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	419914	34.119	ng/ul	99
63) 4-Nitroaniline	15.357	138	149951m	37.316	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	140229	29.176	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	625491	34.427	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	288281	35.235	ng/ul	94
69) Hexachlorobenzene	16.357	284	356124	35.362	ng/ul	98
70) Atrazine	16.522	200	276441	36.604	ng/ul	95
71) Pentachlorophenol	16.710	266	230667	35.622	ng/ul	96
72) Phenanthrene	17.098	178	1292548	35.609	ng/ul	100
74) Anthracene	17.192	178	1225889	33.842	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	360894	34.935	ng/uL	98
76) Pentachlorobenzene	14.587	250	382050	33.455	ng/uL	99
77) Carbazole	17.475	167	1080483	33.710	ng/ul	98
78) Di-n-butylphthalate	18.063	149	1228918	34.651	ng/ul	100
80) Fluoranthene	19.192	202	1690828	38.149	ng/ul	99
82) Pyrene	19.575	202	1740728	36.644	ng/ul	98
83) Butylbenzylphthalate	20.522	149	577363	34.909	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	417491	24.023	ng/ul	98
85) Benzo(a)anthracene	21.469	228	1787945	34.983	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	821185	34.591	ng/ul	100
87) Chrysene	21.539	228	1644940	34.711	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	1378666	33.352	ng/ul	100
90) Benzo(b)fluoranthene	23.721	252	1984293	36.275	ng/ul	99
91) Benzo(k)fluoranthene	23.786	252	1849404	34.532	ng/ul	99
93) Benzo(a)pyrene	24.586	252	1784927	35.454	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.427	276	2411475	35.894	ng/ul	98
95) Dibenzo(a,h)anthracene	28.492	278	1894013	34.815	ng/ul	100
96) Benzo(g,h,i)perylene	29.598	276	1832302m	35.064	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

A4F35MSD

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