

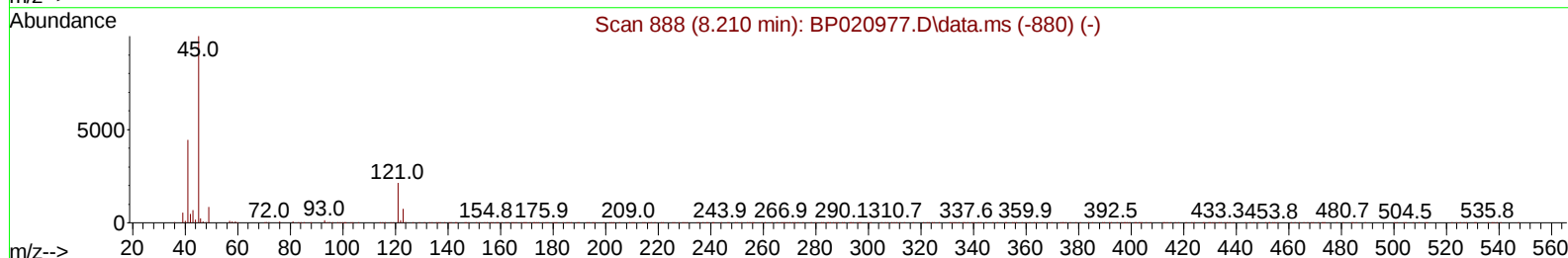
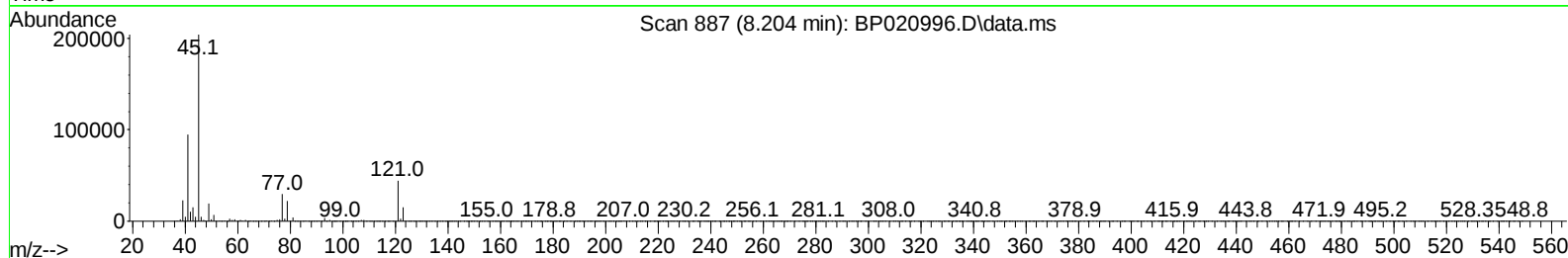
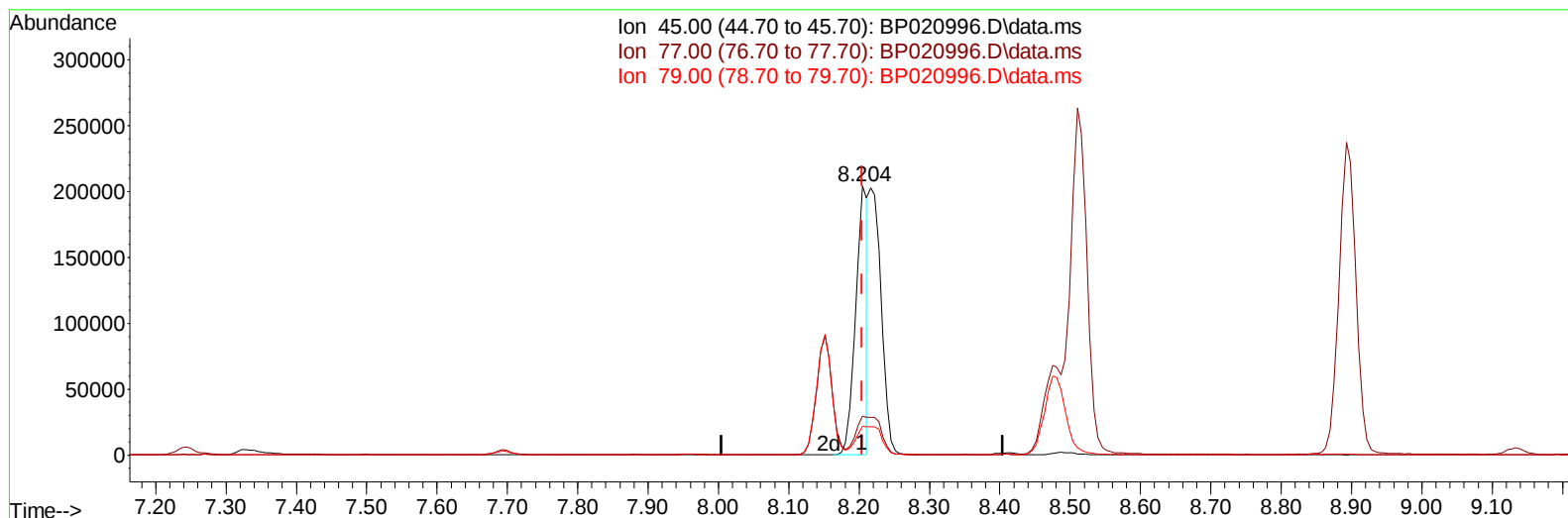
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020996.D
Acq On : 16 Jul 2024 18:44
Operator : MA/JU
Sample : P3178-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 22:58:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration



TIC: BP020996.D\data.ms

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

8.204min (-0.000) 13.96 ng/u1

response 240124

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.60	14.57
79.00	10.10	10.85
0.00	0.00	0.00

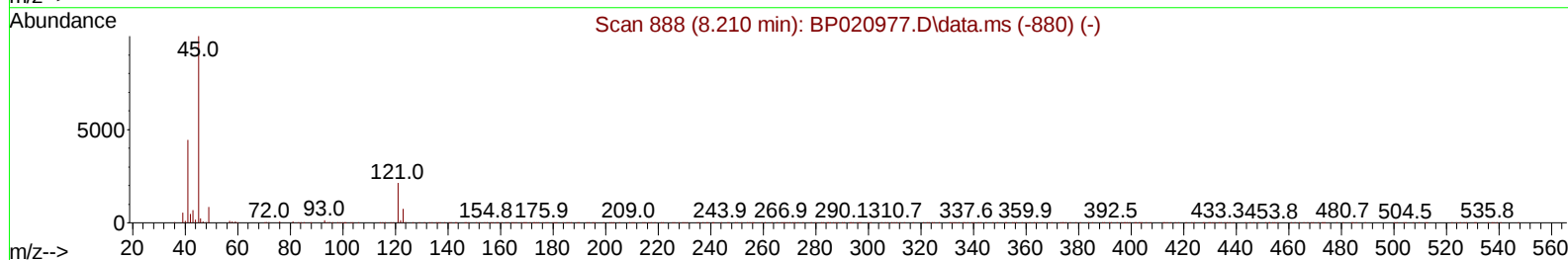
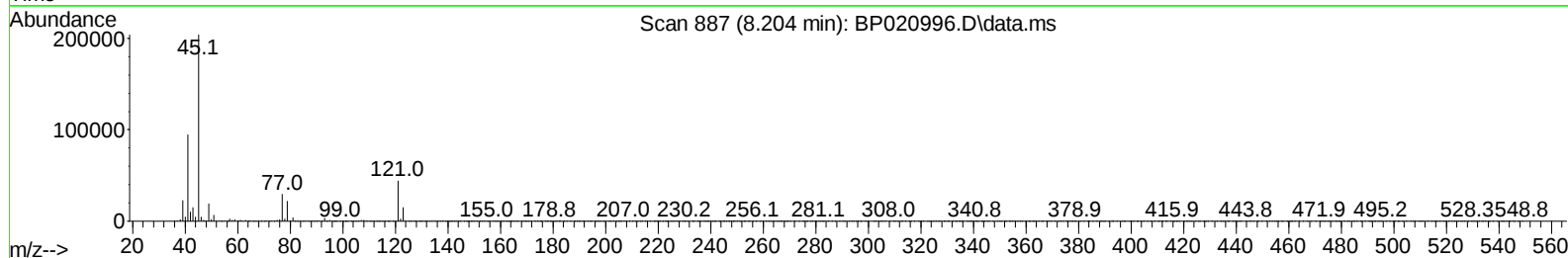
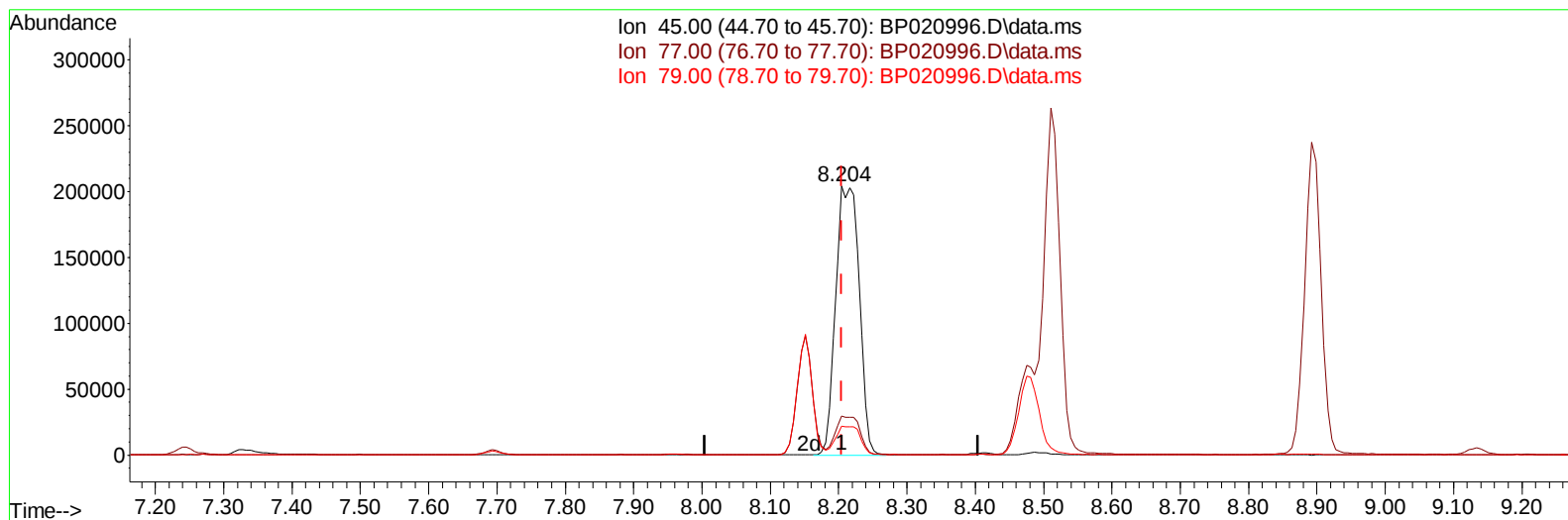
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024



TIC: BP020996.D\data.ms

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

8.204min (-0.000) 28.40 ng/ul m

response 488569

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.60	14.57
79.00	10.10	10.85
0.00	0.00	0.00

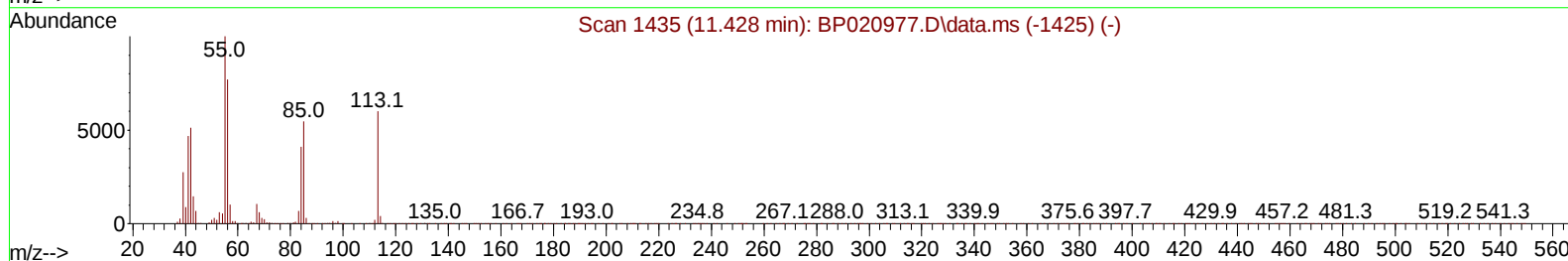
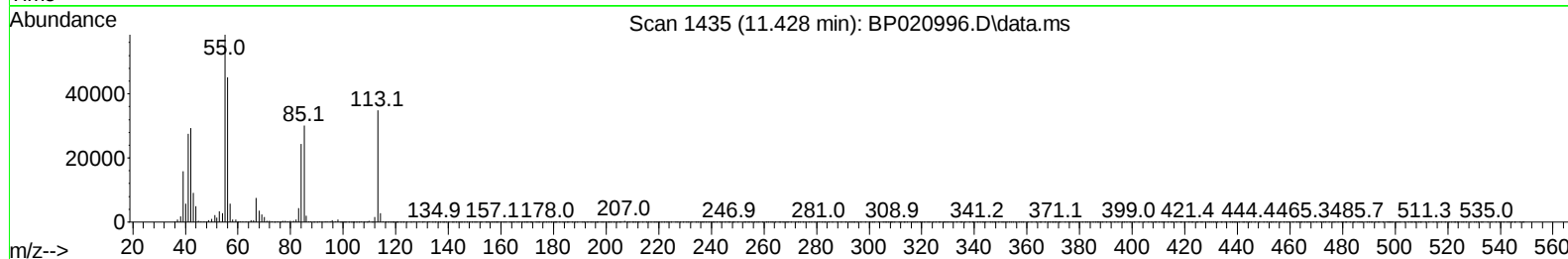
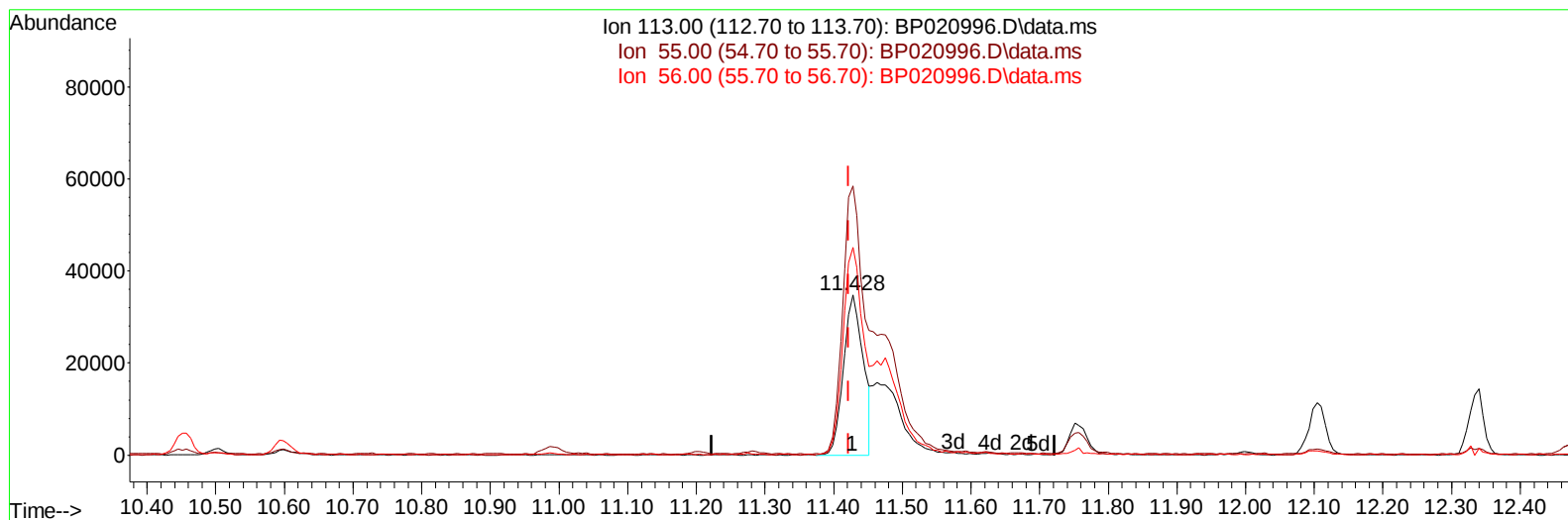
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TIC: BP020996.D\data.ms

(34) Caprolactam

11.428min (+ 0.006) 21.15 ng/ul

response 69887

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	167.67
56.00	131.90	129.46
0.00	0.00	0.00

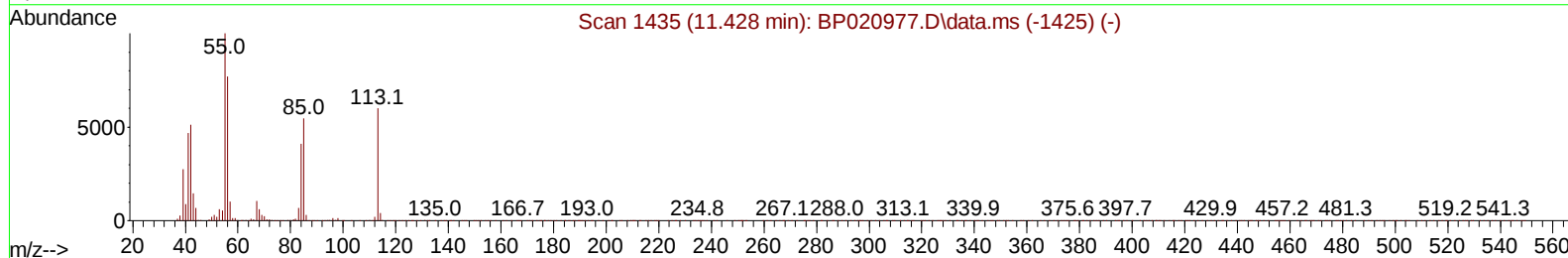
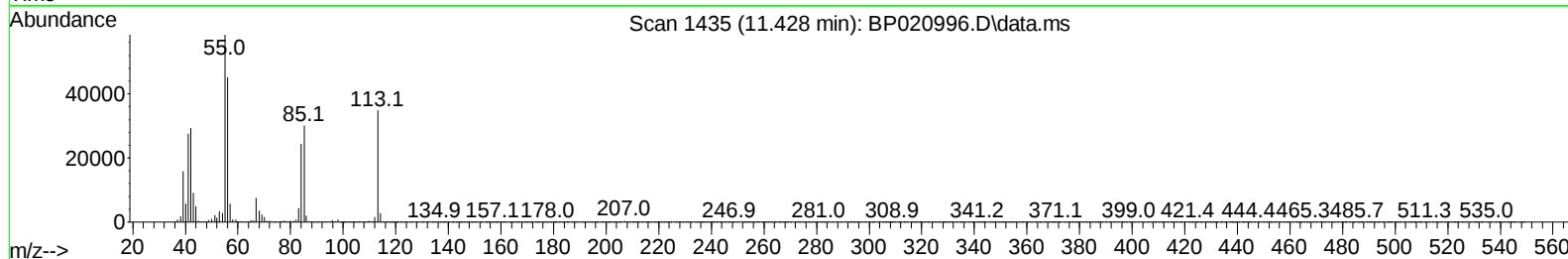
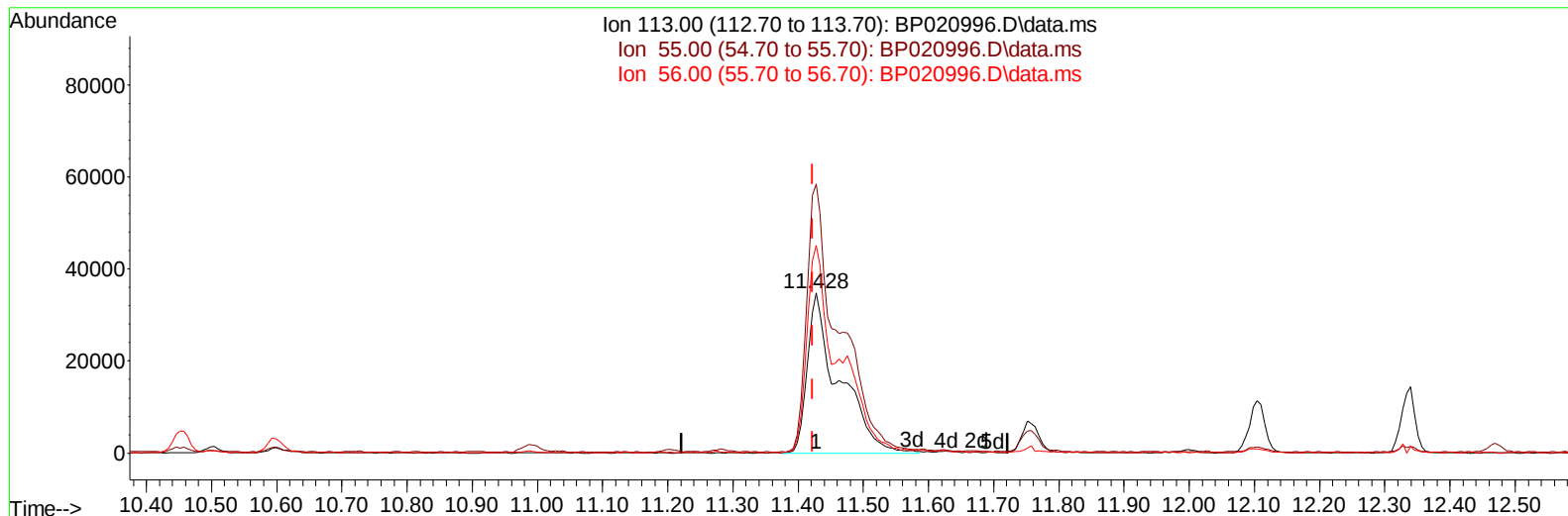
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Sample : P3178-18MS
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
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Manual IntegrationsAPPROVED

Quant Time: Jul 16 22:58:25 2024
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Supervised By :mohammad ahmed 07/18/2024



TIC: BP020996.D\data.ms

(34) Caprolactam

11.428min (+ 0.006) 35.45 ng/ul m

response 117152

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	167.67
56.00	131.90	129.46
0.00	0.00	0.00

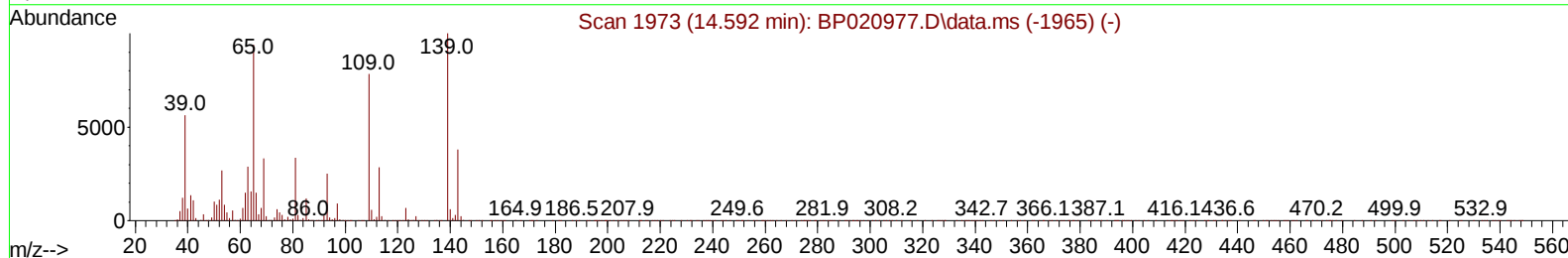
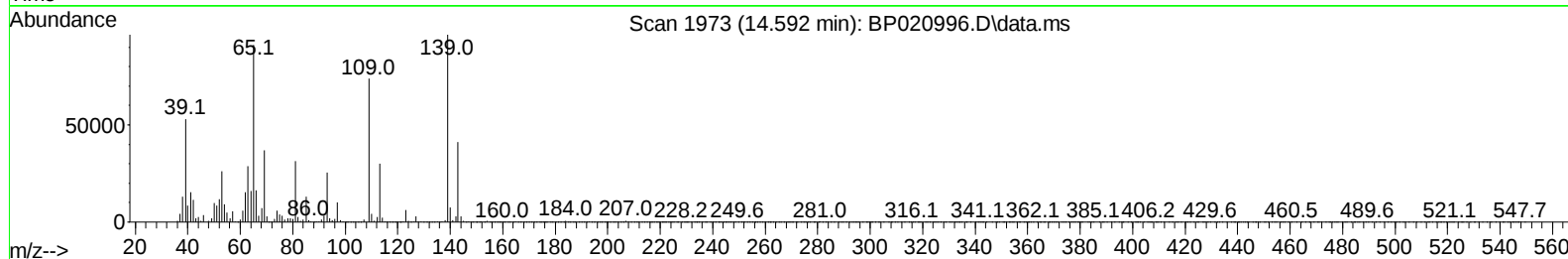
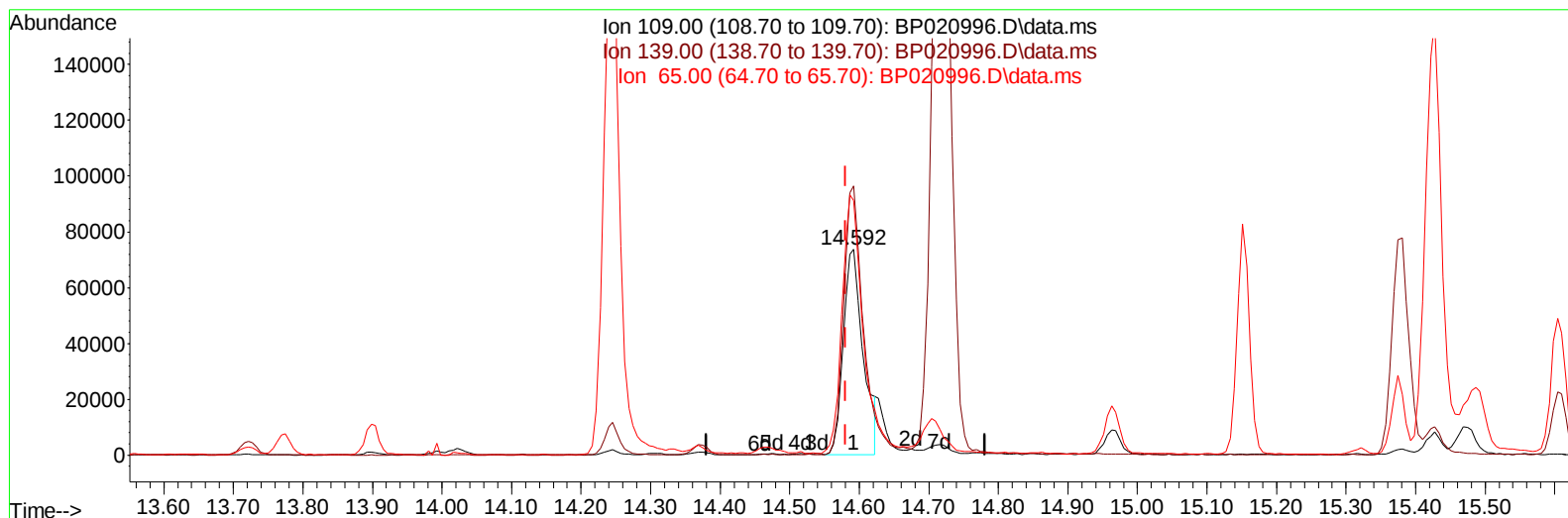
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Data File : BP020996.D
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Operator : MA/JU
Sample : P3178-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT2MS

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:35:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BP020996.D\data.ms

(55) 4-Nitrophenol

14.592min (+ 0.011) 38.95 ng/ul

response 145362

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	122.50	130.56
65.00	132.50	123.47
0.00	0.00	0.00

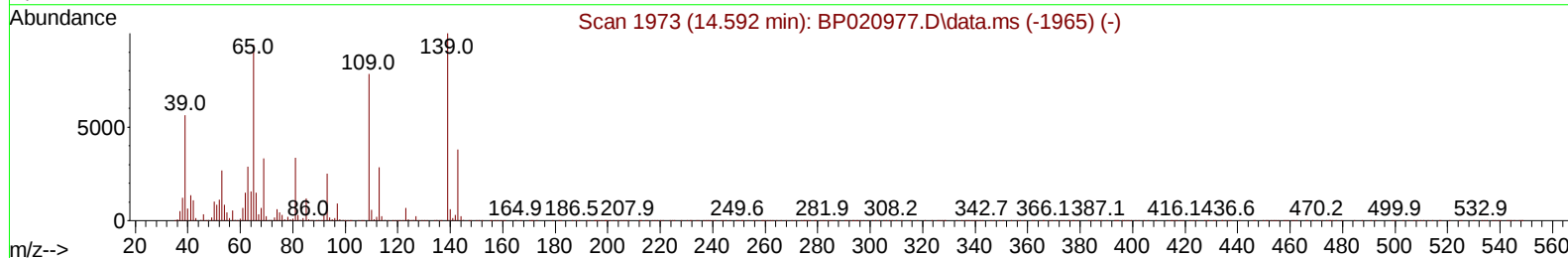
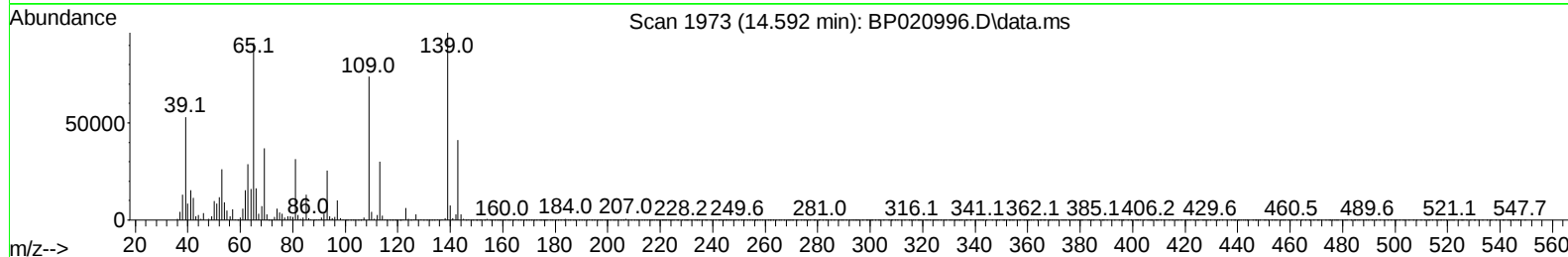
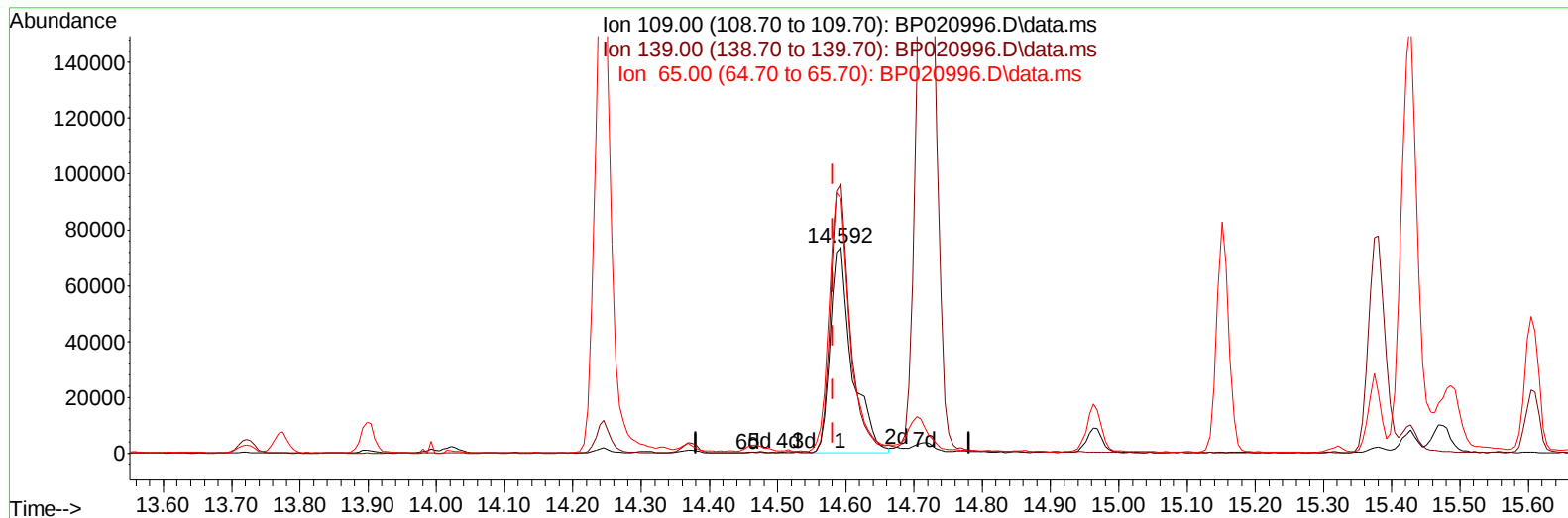
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020996.D
Acq On : 16 Jul 2024 18:44
Operator : MA/JU
Sample : P3178-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT2MS

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:35:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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QLast Update : Mon Jul 15 12:22:22 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BP020996.D\data.ms

(55) 4-Nitrophenol

14.592min (+ 0.011) 43.98 ng/ul m

response 164130

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	122.50	130.56
65.00	132.50	123.47
0.00	0.00	0.00

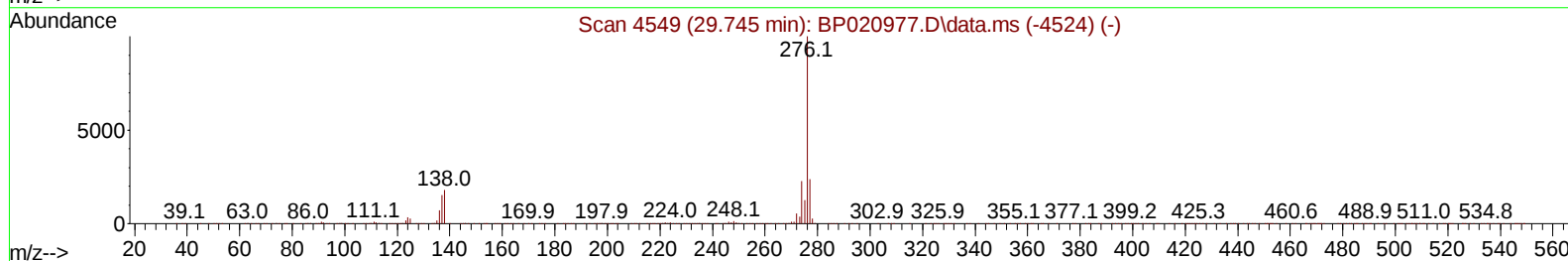
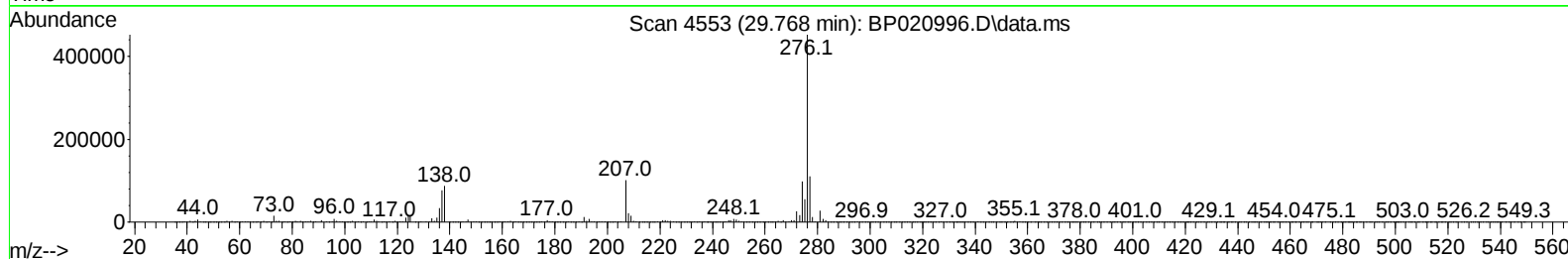
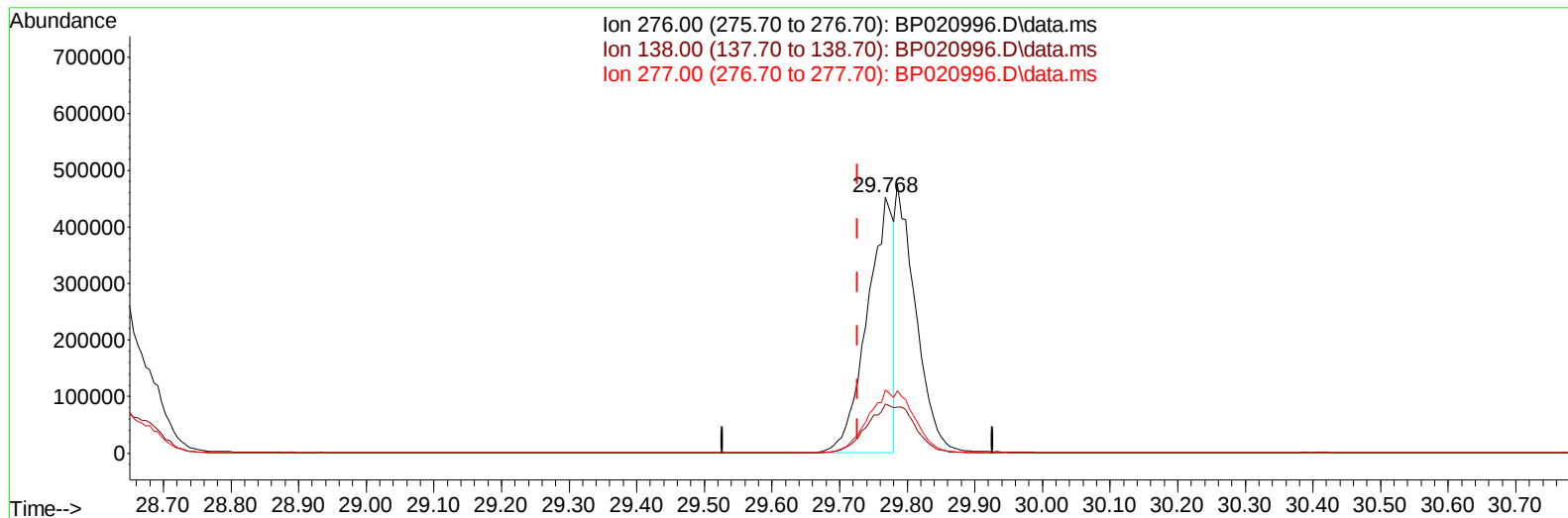
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Operator : MA/JU
Sample : P3178-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 22:58:25 2024
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TIC: BP020996.D\data.ms

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

29.768min (+ 0.041) 17.66 ng/u1

response 1227715

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.19
277.00	22.70	24.56
0.00	0.00	0.00

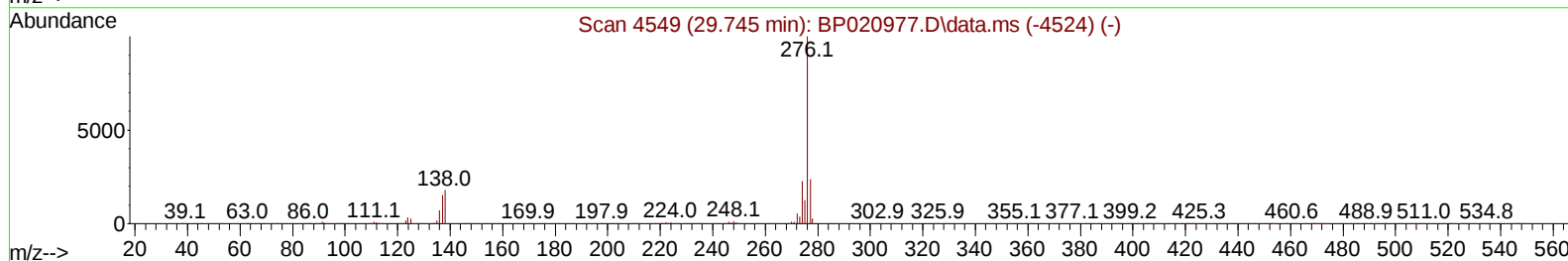
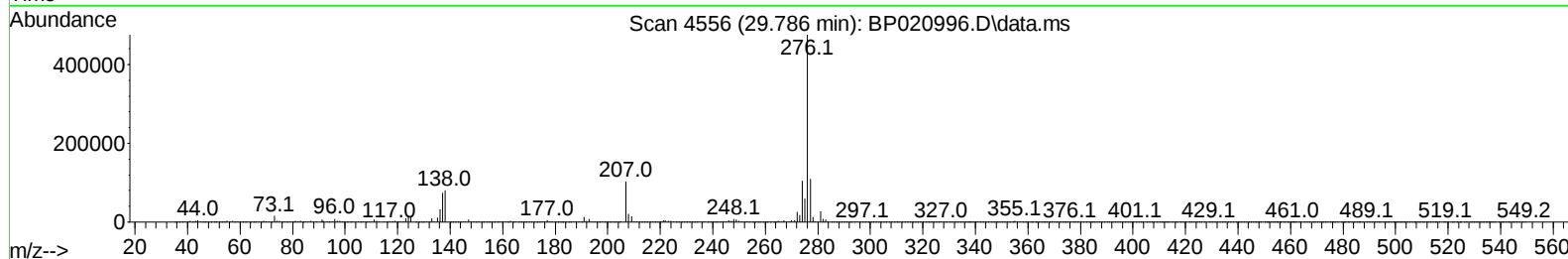
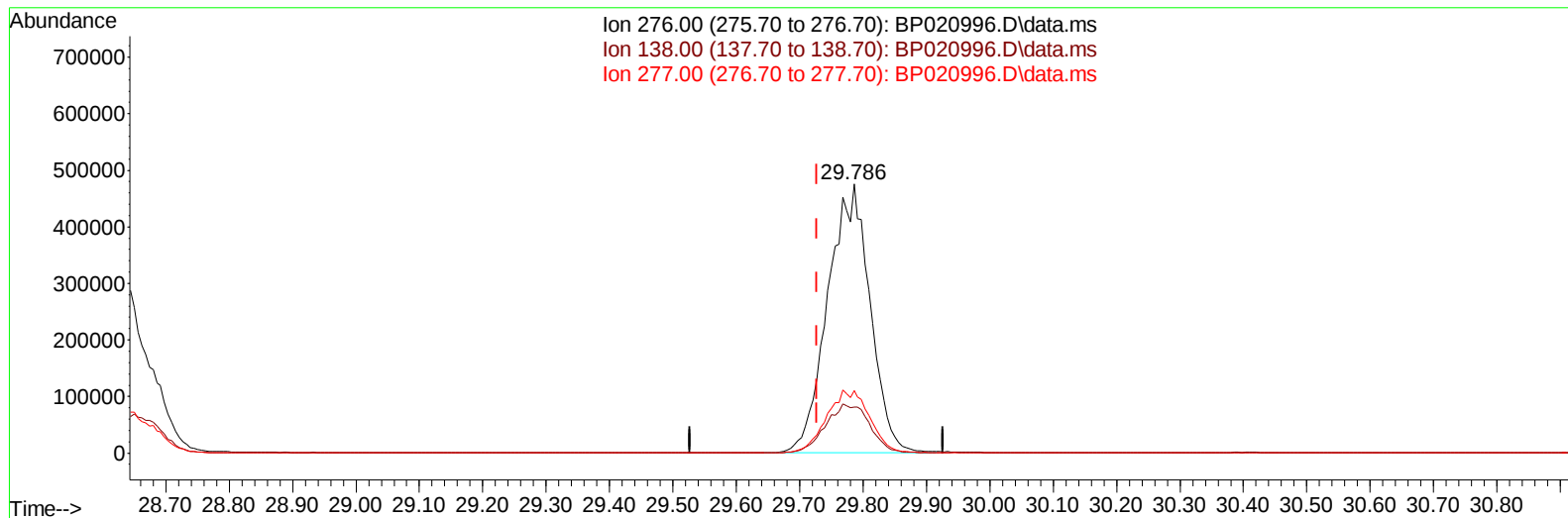
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
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Acq On : 16 Jul 2024 18:44
Operator : MA/JU
Sample : P3178-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 22:58:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration



TIC: BP020996.D\data.ms

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

29.786min (+ 0.059) 31.63 ng/ul m

response 2198518

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	17.07
277.00	22.70	23.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
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 Sample : P3178-18MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BT2MS

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:37:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
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Reviewed By :Yogesh Patel 07/18/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	174739	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	677069	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.304	164	443543	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.127	188	1010072	20.000	ng/ul	0.01
79) Chrysene-d12	21.563	240	995428	20.000	ng/ul	0.01
88) Perylene-d12	24.862	264	1155064	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	21401	5.573	ng/uL	0.00
4) Pyridine-d5	3.658	84	302825	27.240	ng/ul	0.00
7) Phenol-d5	6.893	99	474179	33.285	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	282308	32.699	ng/ul	0.01
11) 2-Chlorophenol-d4	7.246	132	394791	33.635	ng/ul	0.01
15) 4-Methylphenol-d8	8.410	113	391500	33.088	ng/ul	0.02
21) Nitrobenzene-d5	8.851	128	192409	36.587	ng/ul	0.02
24) 2-Nitrophenol-d4	9.551	143	221079	36.730	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.098	165	403913	37.111	ng/ul	0.01
31) 4-Chloroaniline-d4	10.598	131	513148	35.589	ng/ul	0.01
46) Dimethylphthalate-d6	13.722	166	1212875	37.616	ng/ul	0.01
49) Acenaphthylene-d8	13.992	160	1372561	37.911	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.575	143	199650	43.520	ng/ul	0.00
60) Fluorene-d10	15.316	176	1051438	39.749	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	216298	35.392	ng/ul	0.01
73) Anthracene-d10	17.216	188	1681767	37.487	ng/ul	0.00
81) Pyrene-d10	19.610	212	2105448	34.212	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.639	264	2174165	38.165	ng/ul	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	47142	11.163	ng/uL	99
5) Pyridine	3.681	79	299748	26.142	ng/ul	97
6) Benzaldehyde	6.863	77	210518	29.312	ng/ul	99
8) Phenol	6.922	94	445397	30.897	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.134	93	341614	28.686	ng/ul	97
12) 2-Chlorophenol	7.275	128	359461	30.556	ng/ul	99
13) 2-Methylphenol	8.151	108	332396	29.815	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.204	45	488569m	28.397	ng/ul	
16) Acetophenone	8.510	105	542609	29.713	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	281542	29.424	ng/ul	99
18) 4-Methylphenol	8.475	108	365488	30.601	ng/ul	94
19) Hexachloroethane	8.740	117	149299	28.242	ng/ul	99
22) Nitrobenzene	8.893	77	399003	31.673	ng/ul	99
23) Isophorone	9.404	82	766548	30.608	ng/ul	99
25) 2-Nitrophenol	9.587	139	212362	33.829	ng/ul	94
26) 2,4-Dimethylphenol	9.651	107	390729	31.564	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.869	93	460217	30.232	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	354561	33.055	ng/ul	99
30) Naphthalene	10.498	128	1124882	31.585	ng/ul	99
32) 4-Chloroaniline	10.622	127	367628	26.701	ng/ul	98
33) Hexachlorobutadiene	10.763	225	248180	30.858	ng/ul	99
34) Caprolactam	11.428	113	117152m	35.454	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	396987	34.048	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.104	142	776916	31.780	ng/ul	99
37) 1-Methylnaphthalene	12.339	142	790640	31.445	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.469	216	475328	32.999	ng/ul	97
40) Hexachlorocyclopentadiene	12.434	237	106470	14.130	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	302408	33.225	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	331496	34.423	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	1042091	32.149	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	840106	32.465	ng/ul	99
45) 2-Nitroaniline	13.404	65	255305	35.676	ng/ul	97
47) Dimethylphthalate	13.775	163	1063729	32.514	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	225350	34.453	ng/ul	99
50) Acenaphthylene	14.022	152	1336779	32.611	ng/ul	99
51) 3-Nitroaniline	14.245	138	223831	39.325	ng/ul	95
52) Acenaphthene	14.369	153	890504	32.730	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	98614	28.709	ng/ul	99
55) 4-Nitrophenol	14.592	109	164130m	43.983	ng/ul	
56) Dibenzofuran	14.716	168	1256413	33.722	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	340263	37.896	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	287809	34.901	ng/ul	98
59) Diethylphthalate	15.151	149	1093566	33.447	ng/ul	100
61) Fluorene	15.381	166	1038202	34.148	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	534065	32.372	ng/ul	99
63) 4-Nitroaniline	15.428	138	231906	49.199	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	202915	31.309	ng/ul	96
67) N-Nitrosodiphenylamine	15.604	169	915015	31.109	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	355751	30.049	ng/ul	98
69) Hexachlorobenzene	16.410	284	420722	30.993	ng/ul	97
70) Atrazine	16.586	200	263725	24.602	ng/ul	99
71) Pentachlorophenol	16.769	266	219002	29.704	ng/ul	98
72) Phenanthrene	17.169	178	1785239	34.070	ng/ul	99
74) Anthracene	17.251	178	1751711	32.792	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	459158	28.401	ng/uL	100
76) Pentachlorobenzene	14.628	250	474848	29.559	ng/uL	98
77) Carbazole	17.557	167	1571830	35.995	ng/ul	99
78) Di-n-butylphthalate	18.122	149	2013483	33.421	ng/ul	100
80) Fluoranthene	19.257	202	2252247	30.305	ng/ul	99
82) Pyrene	19.639	202	2322736	30.713	ng/ul	99
83) Butylbenzylphthalate	20.586	149	967064	30.691	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.474	252	688796	30.282	ng/ul	99
85) Benzo(a)anthracene	21.545	228	2317786	33.239	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	1347628	29.719	ng/ul	100
87) Chrysene	21.615	228	2169383	33.481	ng/ul	100
89) Di-n-octyl phthalate	22.715	149	2393300	31.365	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	2341155	33.400	ng/ul	100
91) Benzo(k)fluoranthene	23.886	252	2344133	33.510	ng/ul	100
93) Benzo(a)pyrene	24.709	252	2013828	30.403	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.603	276	2831680	33.176	ng/ul	99
95) Dibenzo(a,h)anthracene	28.680	278	2303861	32.595	ng/ul	98
96) Benzo(g,h,i)perylene	29.786	276	2198518m	31.627	ng/ul	

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

Instrument :

BNA_P

ClientSampleId :

A4BT2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020996.D
 Acq On : 16 Jul 2024 18:44
 Operator : MA/JU
 Sample : P3178-18MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BT2MS

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:37:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

