

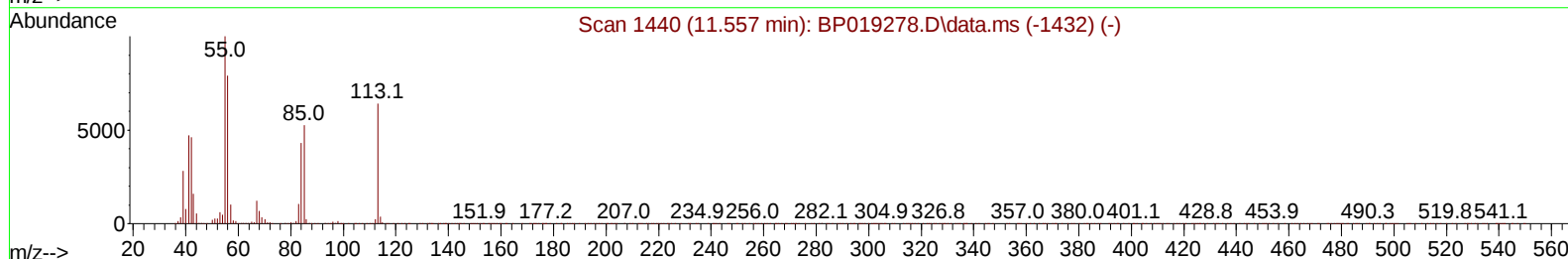
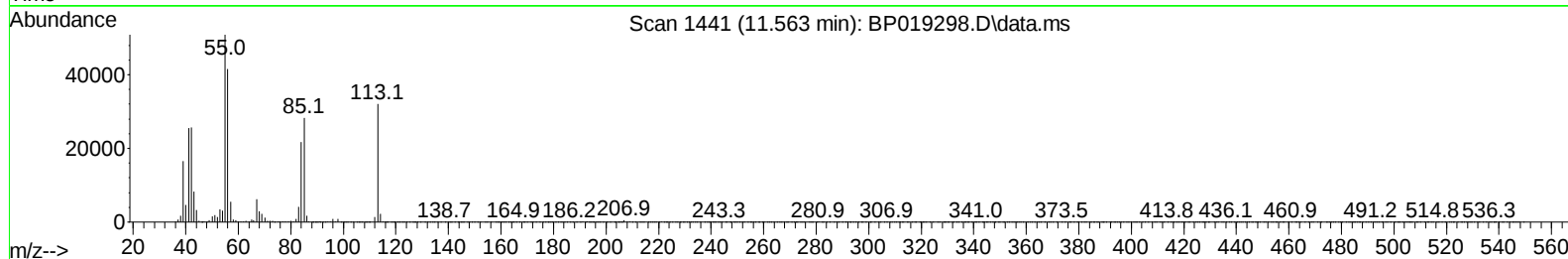
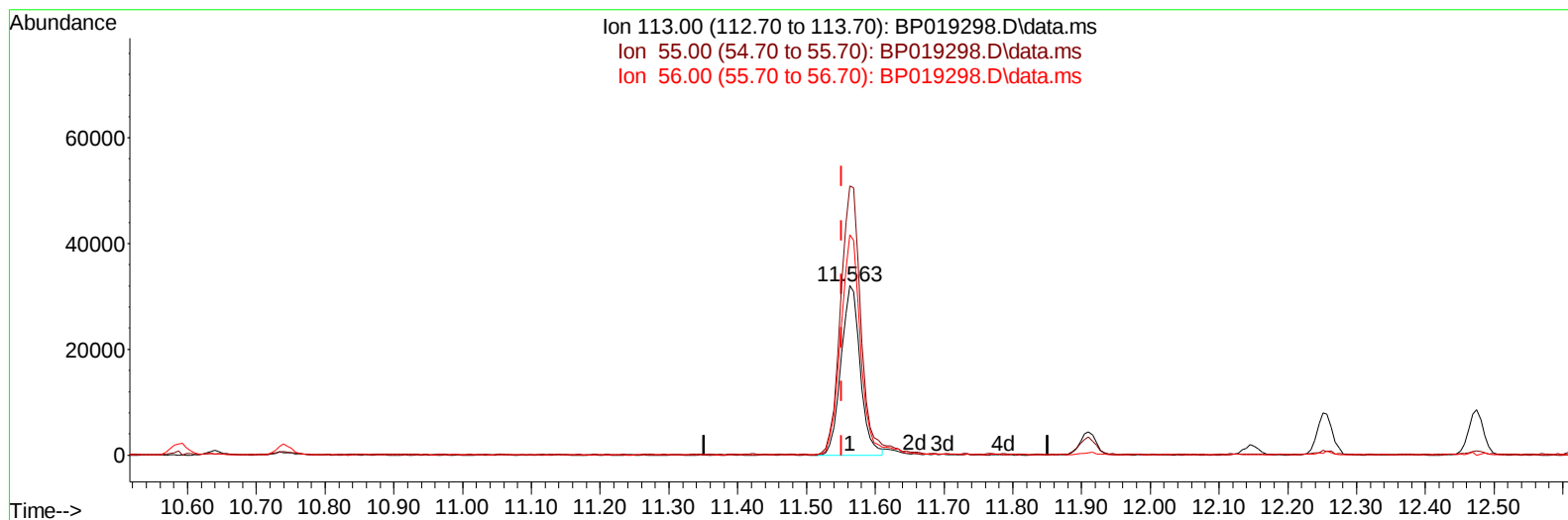
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019298.D
Acq On : 06 Jan 2024 01:00
Operator : MA/JU
Sample : PB158246BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS246

Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:36:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(34) Caprolactam

11.563min (+ 0.012) 42.45 ng/ul

response 61991

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.30	158.65
56.00	116.20	129.82
0.00	0.00	0.00

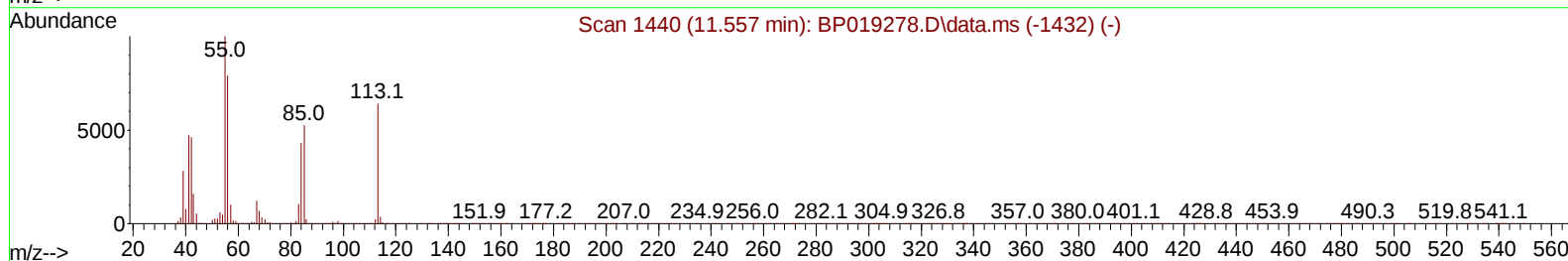
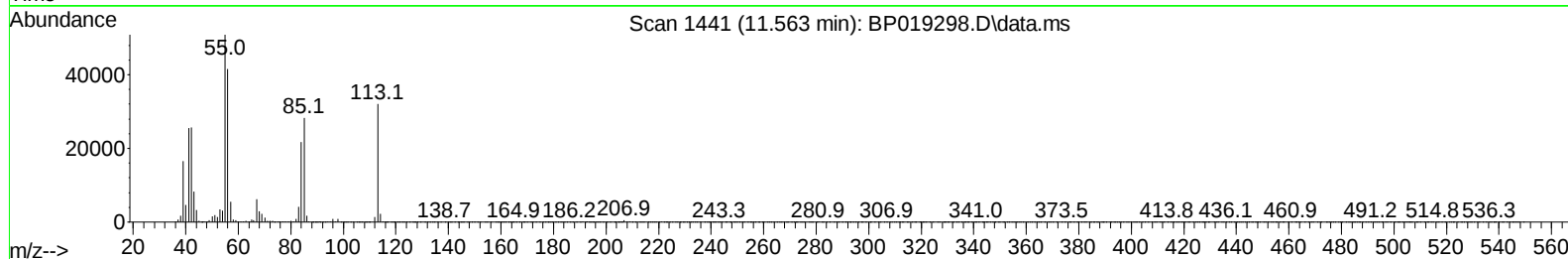
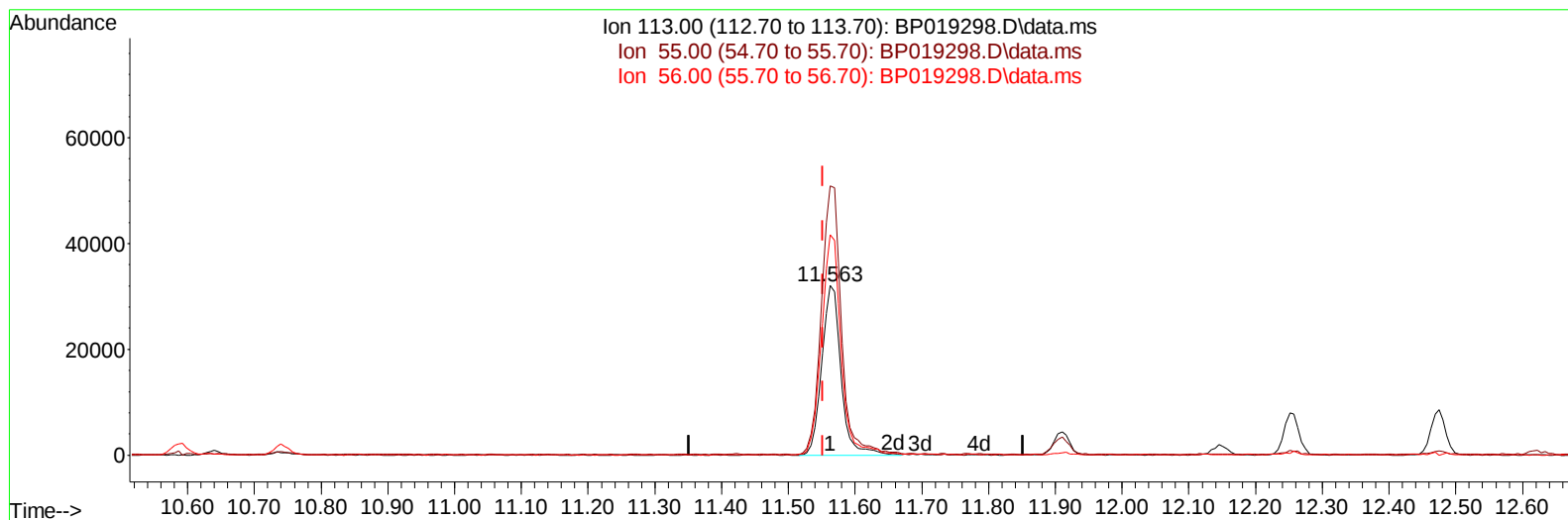
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019298.D
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:36:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(34) Caprolactam

11.563min (+ 0.012) 43.74 ng/ul m

response 63877

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.30	158.65
56.00	116.20	129.82
0.00	0.00	0.00

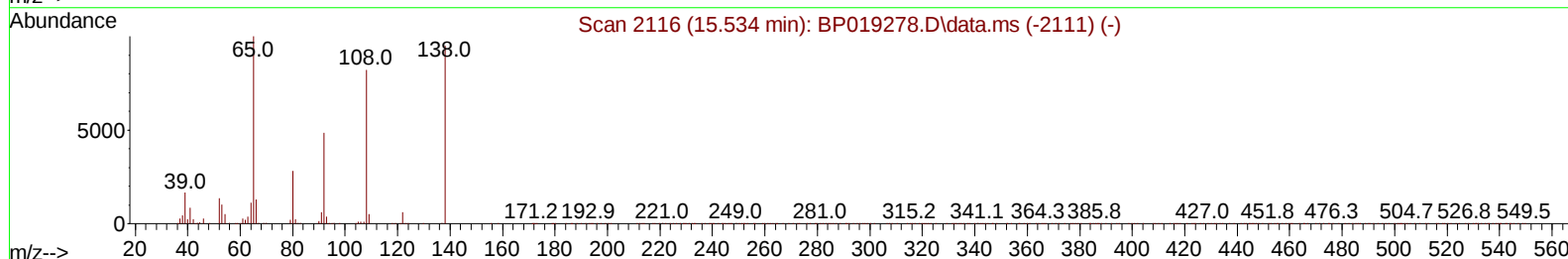
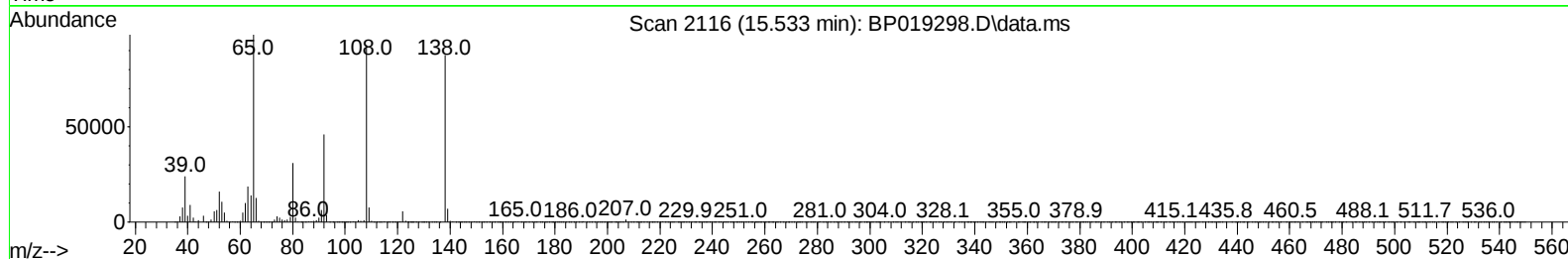
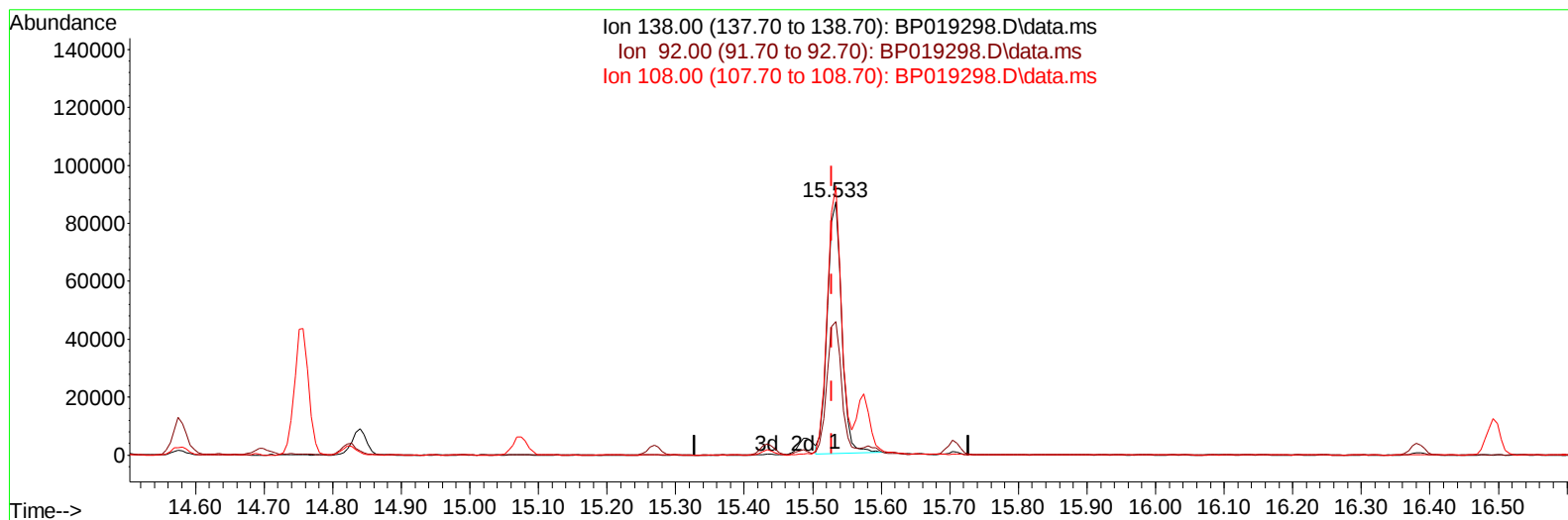
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019298.D
Acq On : 06 Jan 2024 01:00
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Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:36:48 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(63) 4-Nitroaniline

15.533min (+ 0.006) 39.97 ng/ul

response 126952

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	52.63
108.00	82.80	106.20#
0.00	0.00	0.00

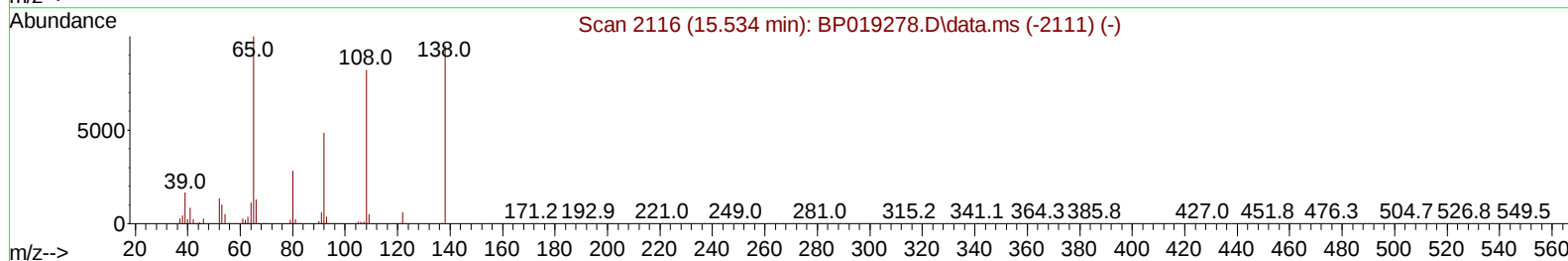
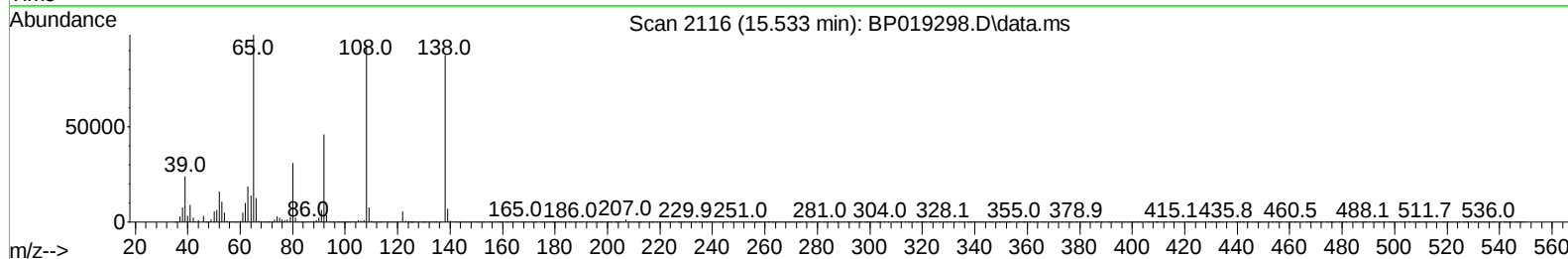
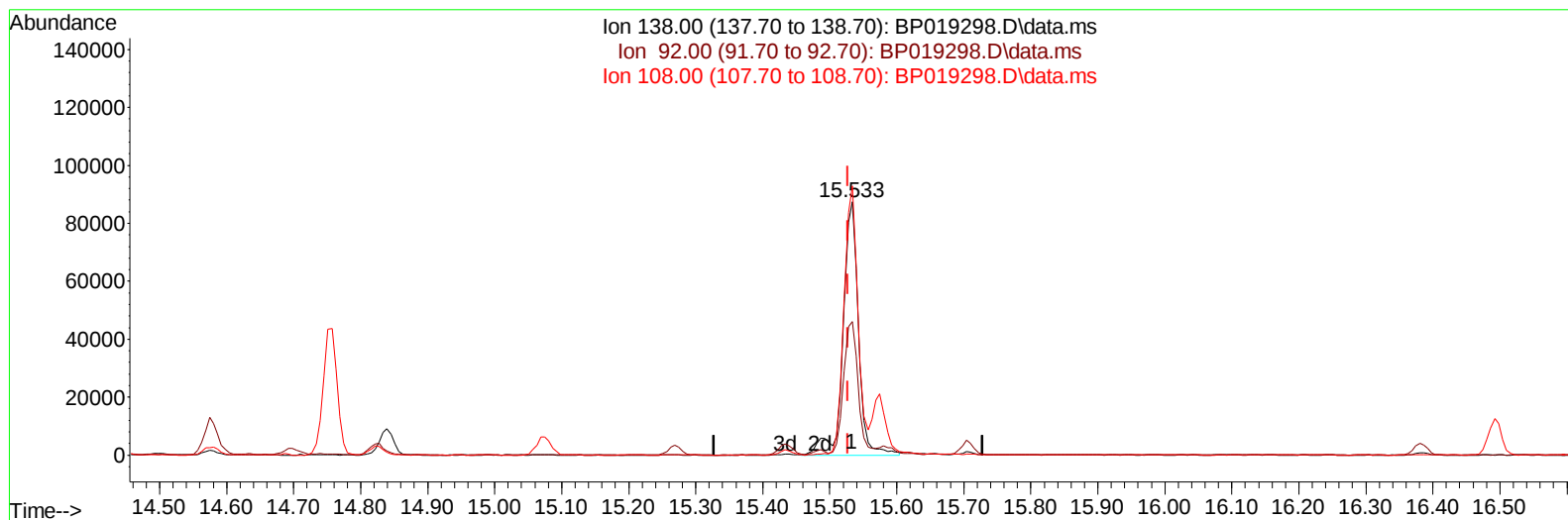
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
 Data File : BP019298.D
 Acq On : 06 Jan 2024 01:00
 Operator : MA/JU
 Sample : PB158246BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:36:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
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Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(63) 4-Nitroaniline

15.533min (+ 0.006) 44.22 ng/ul m

response 140438

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	52.63
108.00	82.80	106.20#
0.00	0.00	0.00

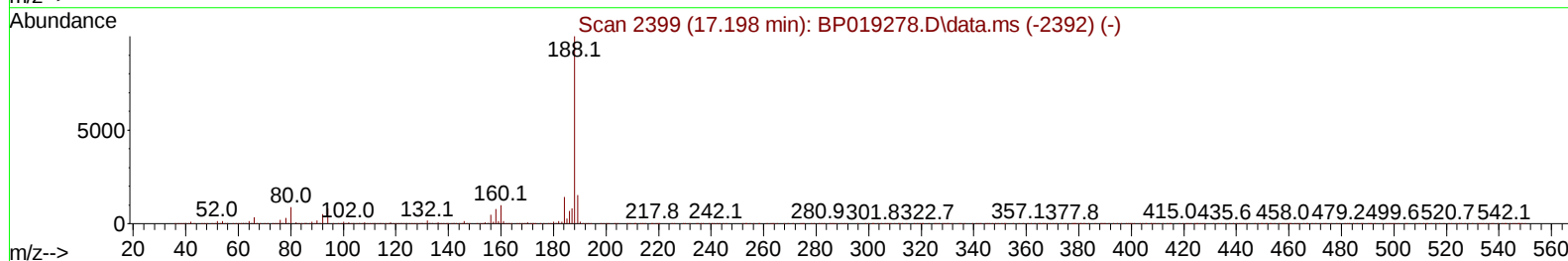
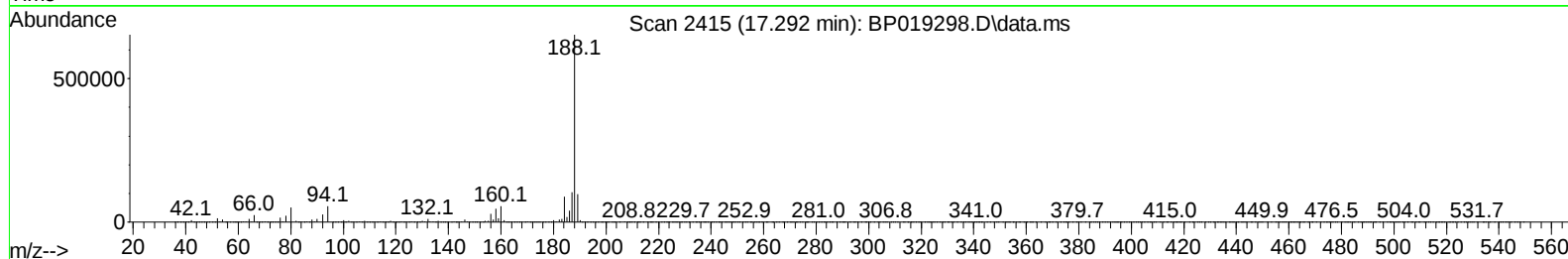
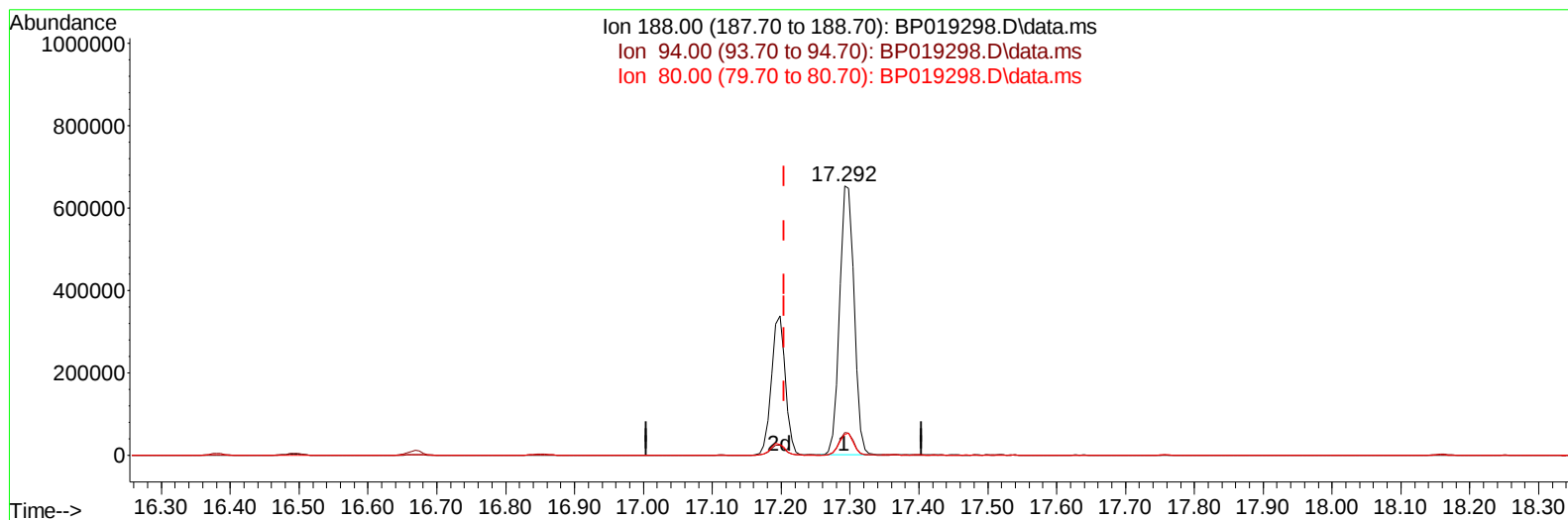
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
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 Acq On : 06 Jan 2024 01:00
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:36:48 2024
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TIC: BP019298.D\data.ms

(64) Phenanthrene-d10 (I)

17.292min (+ 0.088) 20.00 ng/u1

response 948275

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.70	8.37
80.00	9.50	7.81
0.00	0.00	0.00

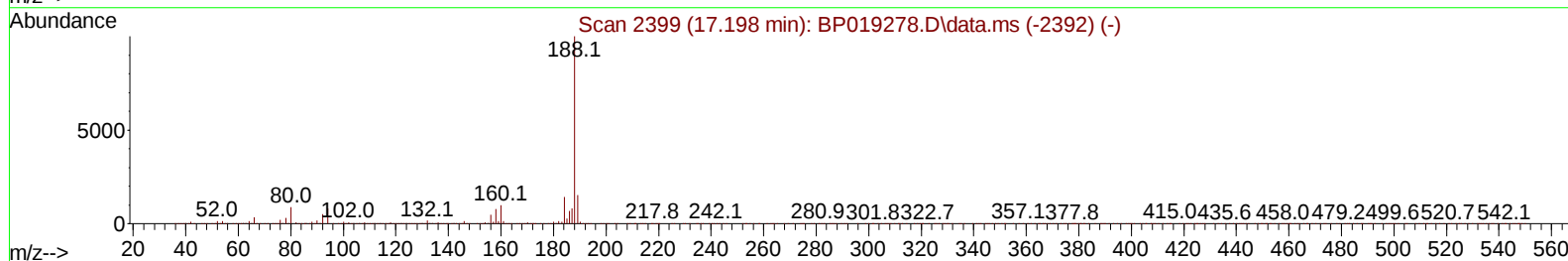
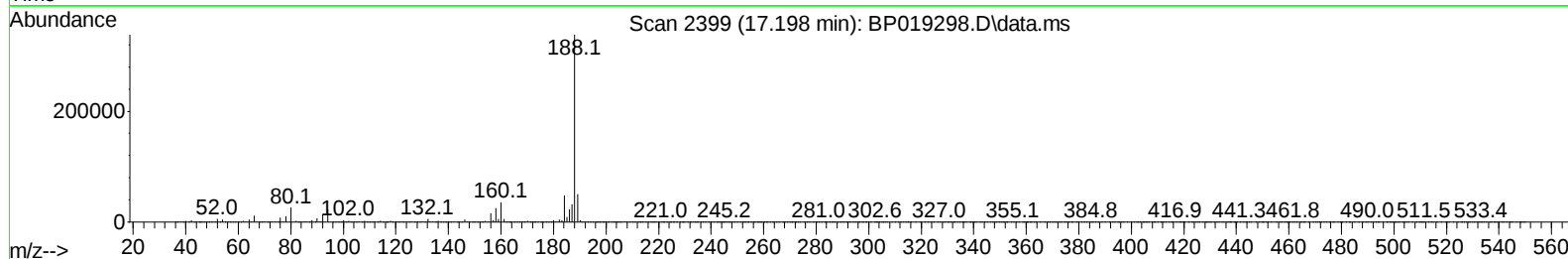
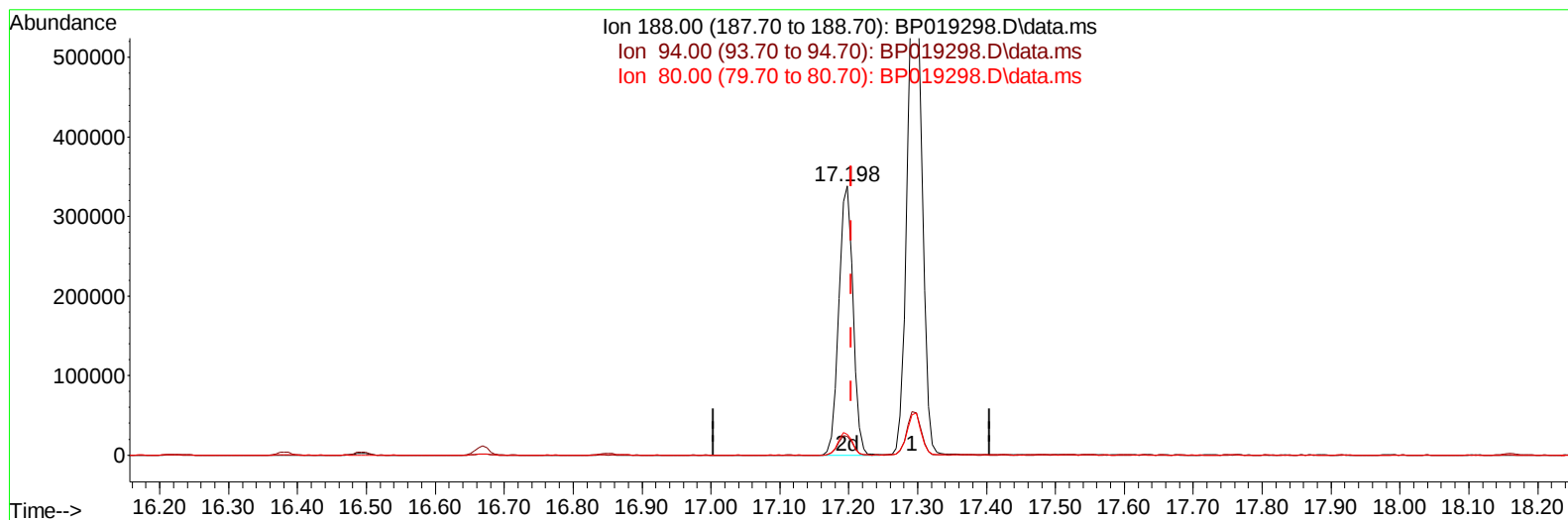
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
 Data File : BP019298.D
 Acq On : 06 Jan 2024 01:00
 Operator : MA/JU
 Sample : PB158246BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS246

Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:36:48 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
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Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(64) Phenanthrene-d10 (I)

17.198min (-0.006) 20.00 ng/ul m

response 478987

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.70	6.90#
80.00	9.50	7.69
0.00	0.00	0.00

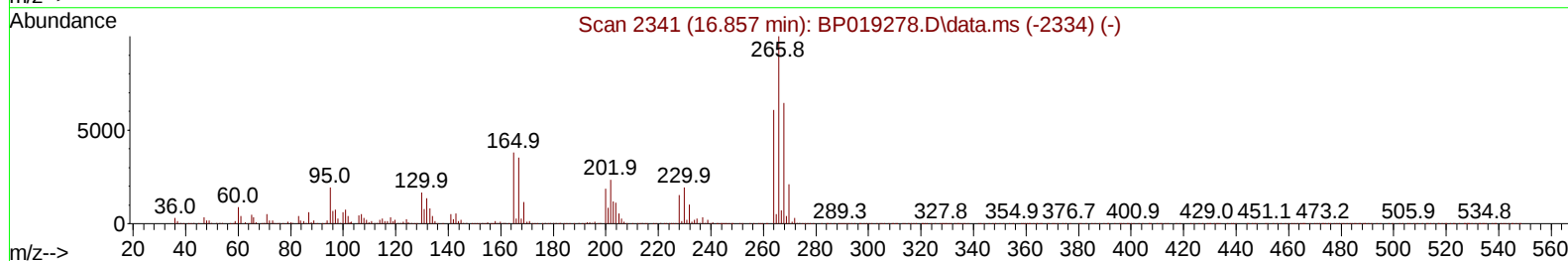
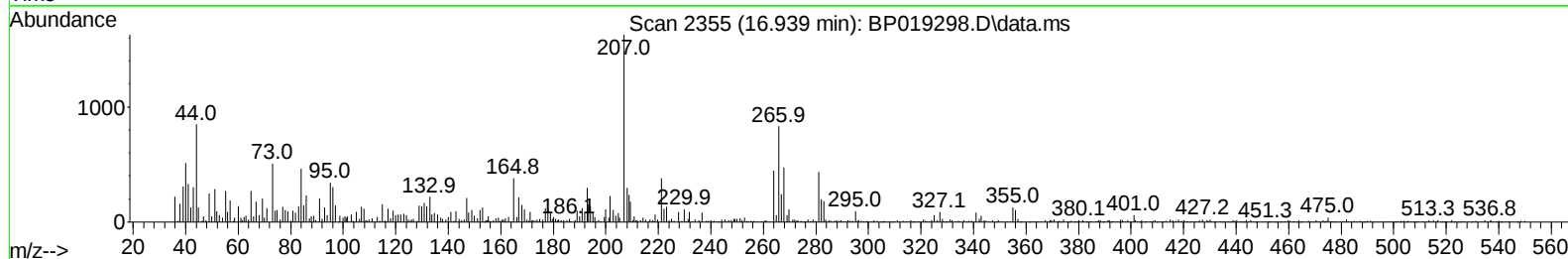
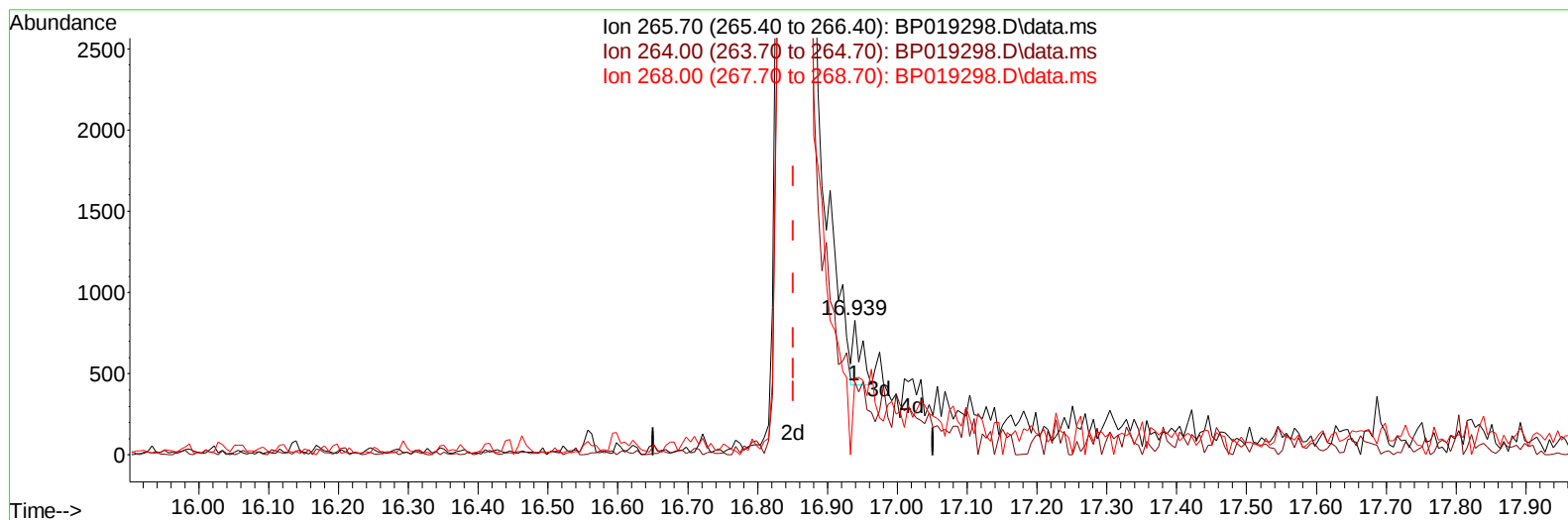
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
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 Acq On : 06 Jan 2024 01:00
 Operator : MA/JU
 Sample : PB158246BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS246

Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:37:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(71) Pentachlorophenol (C)

16.939min (+ 0.088) 0.07 ng/u1

response 317

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.50	54.10
268.00	66.00	56.99
0.00	0.00	0.00

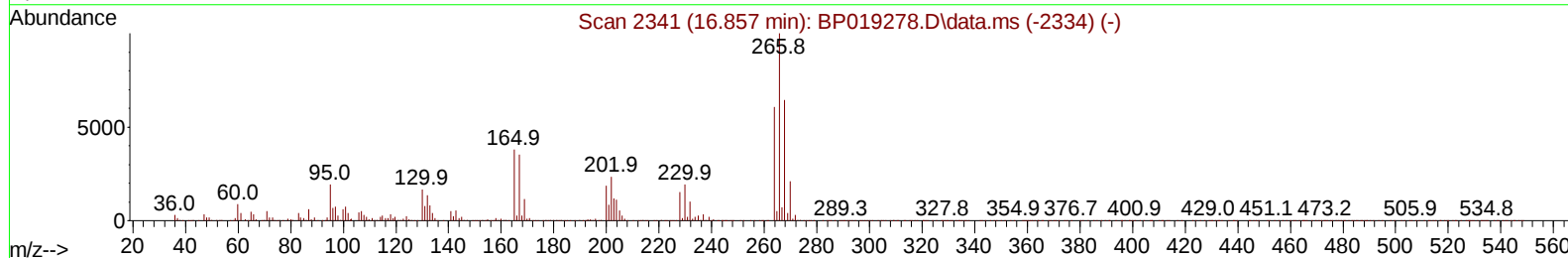
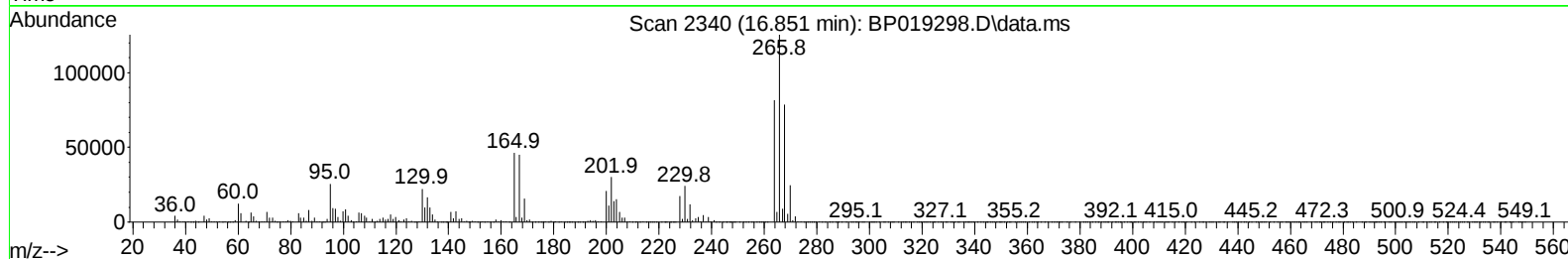
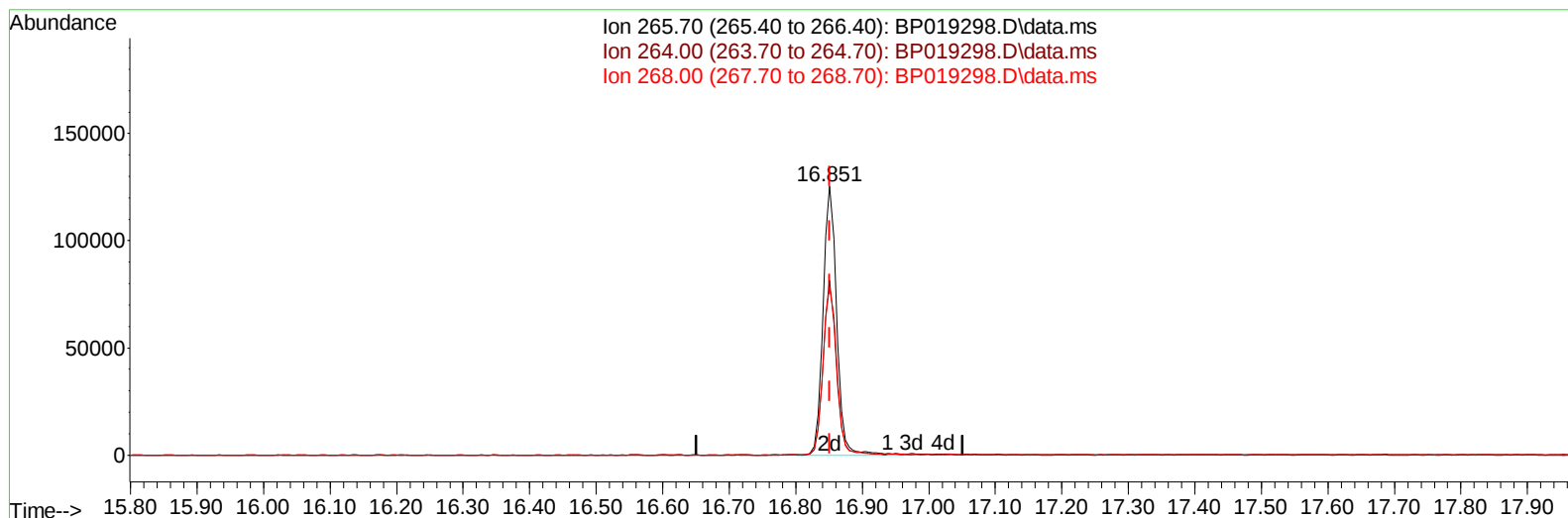
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
 Data File : BP019298.D
 Acq On : 06 Jan 2024 01:00
 Operator : MA/JU
 Sample : PB158246BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS246

Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:37:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
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Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(71) Pentachlorophenol (C)

16.851min (-0.000) 41.47 ng/ul m

response 177149

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.50	65.02
268.00	66.00	62.56
0.00	0.00	0.00

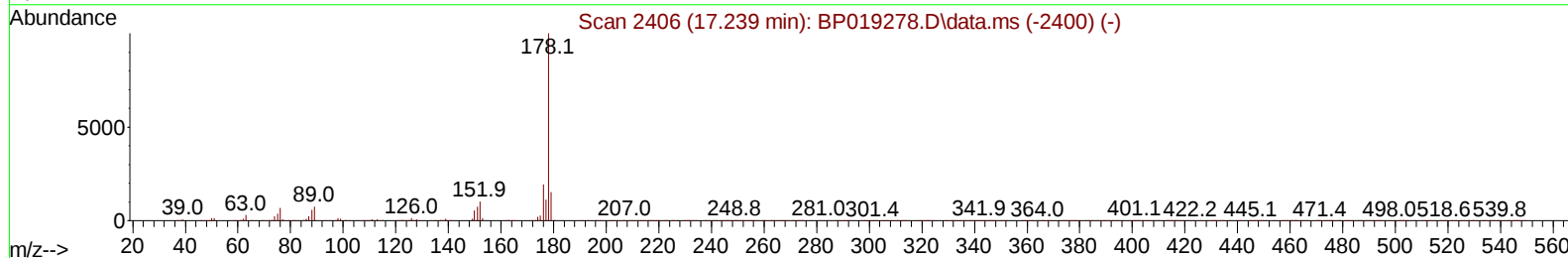
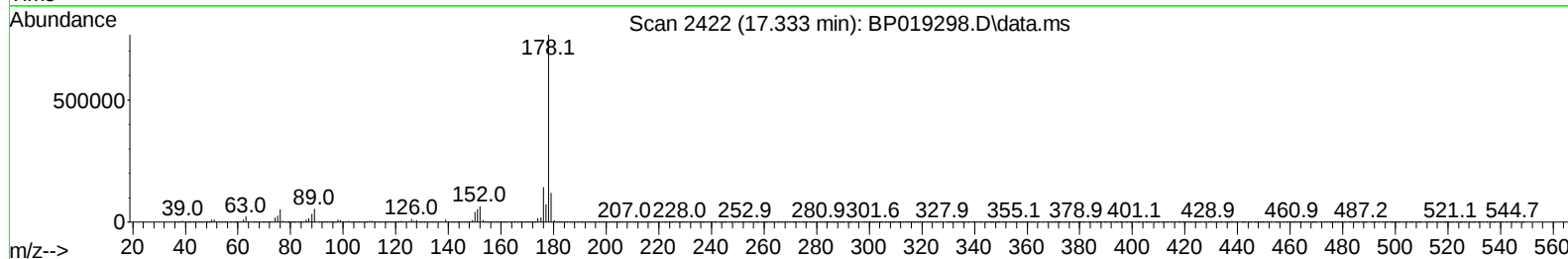
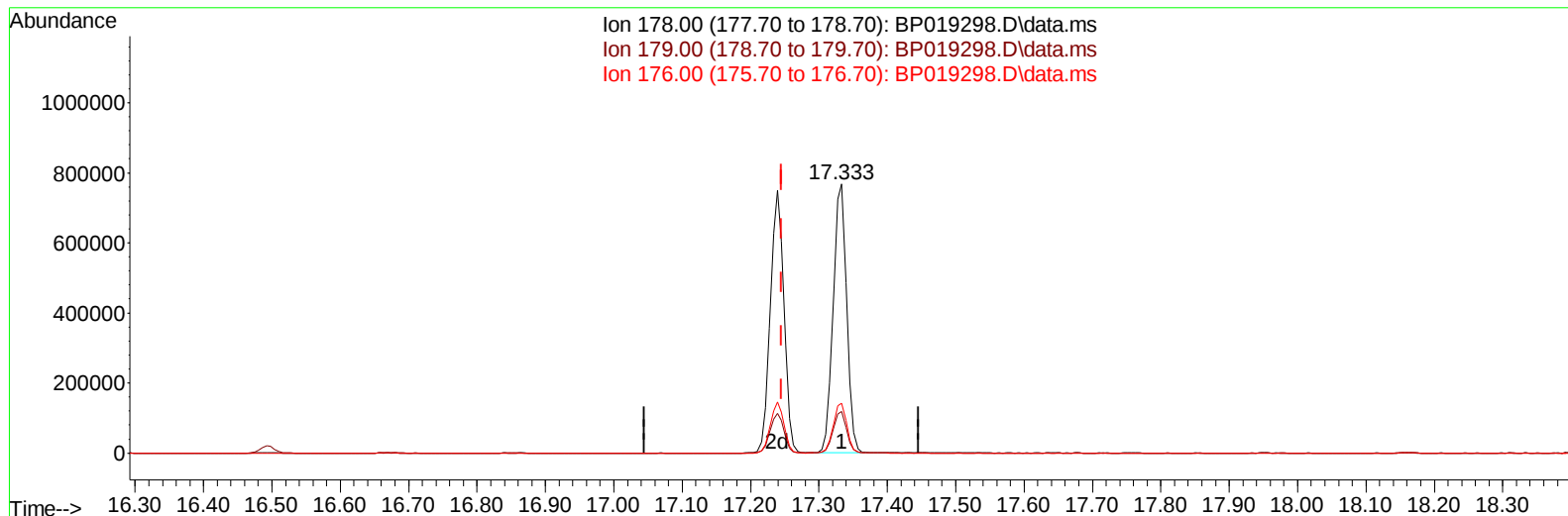
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(72) Phenanthrene

17.333min (+ 0.088) 36.27 ng/u1

response 1052819

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	15.51
176.00	18.80	18.59
0.00	0.00	0.00

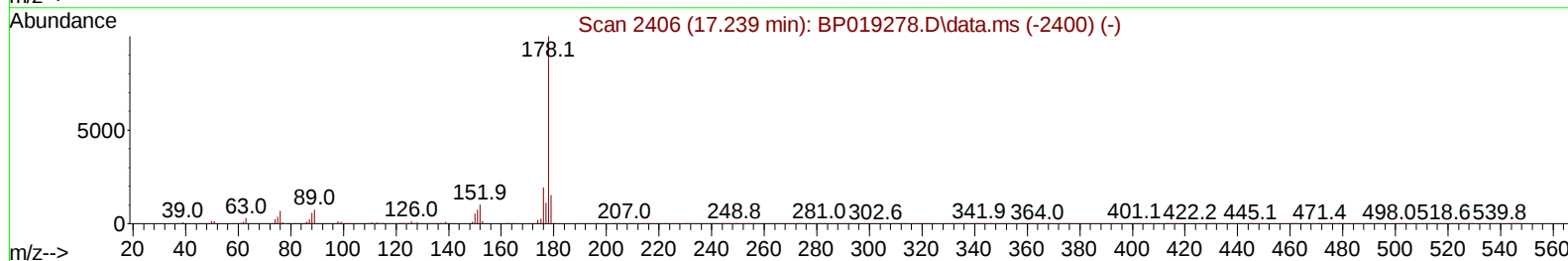
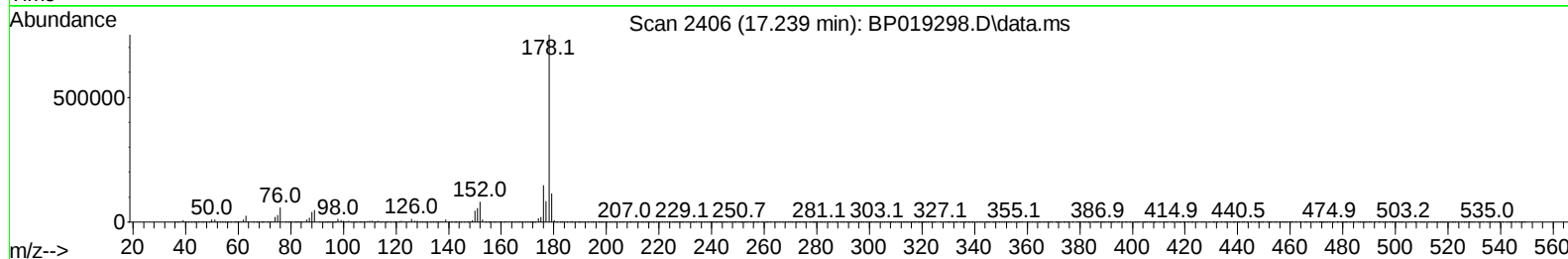
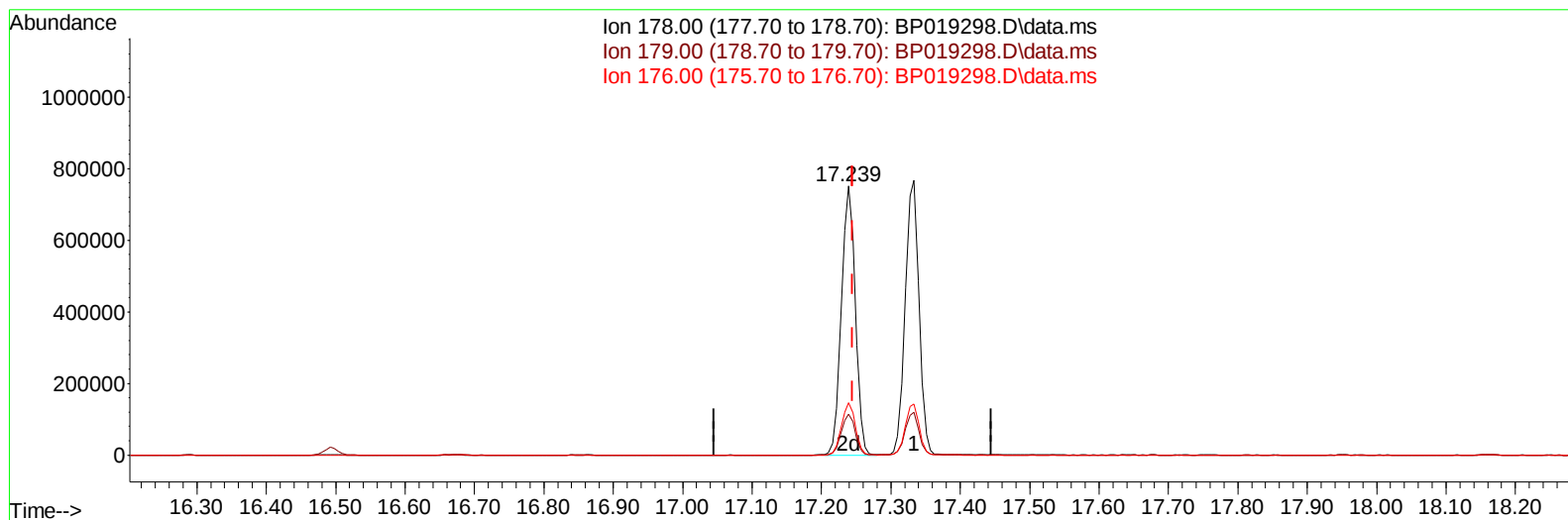
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Quant Time: Jan 06 01:37:57 2024
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 Supervised By :mohammad ahmed 01/08/2024



TIC: BP019298.D\data.ms

(72) Phenanthrene

17.239min (-0.006) 35.80 ng/ul m

response 1039125

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	15.19
176.00	18.80	19.52
0.00	0.00	0.00

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 Acq On : 06 Jan 2024 01:00
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Instrument :
 BNA_P
 ClientSampleId :
 SLCS246

Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:38:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
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Reviewed By :Yogesh Patel 01/08/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	84888	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.587	136	299889	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	201538	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	478987m	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	537816	20.000	ng/ul	-0.01
88) Perylene-d12	23.662	264	643823	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16369	6.586	ng/uL	0.00
4) Pyridine-d5	3.646	84	225144	36.089	ng/ul	0.00
7) Phenol-d5	6.981	99	281413	36.967	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	156586	35.556	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	220853	35.987	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	220166	37.148	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	105477	40.687	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.681	143	116548	41.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	222644	39.354	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	260495	37.434	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	641740	36.050	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	734016	38.001	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	116306	38.691	ng/ul	0.02
60) Fluorene-d10	15.433	176	569624	37.039	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.575	200	130596	41.590	ng/ul	0.00
73) Anthracene-d10	17.292	188	948275	37.909	ng/ul	-0.01
81) Pyrene-d10	19.539	212	1214580	37.056	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	1385372	37.436	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	31538	11.541	ng/uL	98
5) Pyridine	3.669	79	226962	35.841	ng/ul	93
6) Benzaldehyde	6.940	77	152647	43.187	ng/ul	97
8) Phenol	7.010	94	274616	36.523	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.228	93	205749	33.819	ng/ul	97
12) 2-Chlorophenol	7.363	128	221092	35.199	ng/ul	97
13) 2-Methylphenol	8.257	108	204792	36.818	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	264504	36.855	ng/ul	97
16) Acetophenone	8.622	105	332739	37.486	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.610	70	161568	36.503	ng/ul	94
18) 4-Methylphenol	8.587	108	216364	36.138	ng/ul	97
19) Hexachloroethane	8.863	117	93118	35.343	ng/ul	92
22) Nitrobenzene	9.004	77	254876	40.243	ng/ul	98
23) Isophorone	9.528	82	433456	37.953	ng/ul	98
25) 2-Nitrophenol	9.710	139	116727	39.021	ng/ul#	90
26) 2,4-Dimethylphenol	9.781	107	213029	40.451	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.010	93	251162	33.273	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	209621	37.916	ng/ul	99
30) Naphthalene	10.640	128	631488	34.926	ng/ul	99
32) 4-Chloroaniline	10.763	127	231034	34.599	ng/ul	98
33) Hexachlorobutadiene	10.916	225	168713	39.653	ng/ul	97
34) Caprolactam	11.563	113	63877m	43.742	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	221840	40.877	ng/ul	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SLCS246

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024

Quant Time: Jan 06 01:38:38 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.251	142	441365	36.206	ng/ul	99
37) 1-Methylnaphthalene	12.475	142	435233	35.405	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	293971	35.416	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	111676	24.239	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	187992	37.951	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	203435	38.688	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	595269	33.859	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	485085	34.387	ng/ul	97
45) 2-Nitroaniline	13.534	65	148516	43.854	ng/ul	87
47) Dimethylphthalate	13.904	163	627522	35.711	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	130373	40.376	ng/ul	99
50) Acenaphthylene	14.157	152	791417	36.417	ng/ul	100
51) 3-Nitroaniline	14.363	138	129159	40.916	ng/ul	95
52) Acenaphthene	14.504	153	519275	35.255	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	78676	37.820	ng/ul	96
55) 4-Nitrophenol	14.698	109	113558	47.269	ng/ul	86
56) Dibenzofuran	14.839	168	736431	35.012	ng/ul	94
57) 2,4-Dinitrotoluene	14.822	165	195704	41.211	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.075	232	189986	41.354	ng/ul#	97
59) Diethylphthalate	15.269	149	623232	36.580	ng/ul	100
61) Fluorene	15.492	166	608552	36.147	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	341836	37.181	ng/ul	98
63) 4-Nitroaniline	15.533	138	140438m	44.218	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	129927	39.079	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	522622	35.750	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	231964	38.963	ng/ul	94
69) Hexachlorobenzene	16.492	284	290250	39.894	ng/ul	98
70) Atrazine	16.669	200	200744	48.658	ng/ul	96
71) Pentachlorophenol	16.851	266	177149m	41.471	ng/ul	
72) Phenanthrene	17.239	178	1039125m	35.798	ng/ul	
74) Anthracene	17.333	178	1051564	36.389	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	291490	35.000	ng/uL	99
76) Pentachlorobenzene	14.757	250	305936	36.968	ng/uL	99
77) Carbazole	17.610	167	948781	39.471	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1116701	37.458	ng/ul	99
80) Fluoranthene	19.216	202	1362237	36.219	ng/ul	96
82) Pyrene	19.569	202	1411682	35.824	ng/ul	95
83) Butylbenzylphthalate	20.451	149	551057	39.149	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	535991	39.839	ng/ul	100
85) Benzo(a)anthracene	21.286	228	1542142	36.292	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	790140	38.121	ng/ul	100
87) Chrysene	21.339	228	1420823	35.858	ng/ul	98
89) Di-n-octyl phthalate	22.115	149	1384949	37.617	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1605520	35.502	ng/ul#	98
91) Benzo(k)fluoranthene	22.992	252	1571619	35.367	ng/ul	98
93) Benzo(a)pyrene	23.562	252	1517691	35.656	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.127	276	1972473	36.150	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.139	278	1640248	36.136	ng/ul#	97
96) Benzo(g,h,i)perylene	26.886	276	1581594	36.171	ng/ul#	94

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

Instrument :

BNA_P

ClientSampleId :

SLCS246

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/08/2024

Supervised By :mohammad ahmed 01/08/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
 Data File : BP019298.D
 Acq On : 06 Jan 2024 01:00
 Operator : MA/JU
 Sample : PB158246BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS246

Manual IntegrationsAPPROVED

Quant Time: Jan 06 01:38:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/08/2024
 Supervised By :mohammad ahmed 01/08/2024

