

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022103.D
 Acq On : 28 Sep 2024 13:44
 Operator : RC/JU
 Sample : P3910-19DL 30X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC65DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 29 06:33:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	109152	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.463	136	412856	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	335564	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.104	188	798118	20.000	ng/ul	-0.01
79) Chrysene-d12	21.545	240	888876	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	1075328	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	7.040	67	4251	0.773	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	2444	0.378	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.852	128	2472	0.800	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	1993	0.569	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	3171	0.417	ng/ul	0.00
31) 4-Chloroaniline-d4	10.575	131	14705	1.620	ng/ul	-0.03
46) Dimethylphthalate-d6	13.710	166	16483	0.635	ng/ul	-0.01
49) Acenaphthylene-d8	13.998	160	15643	0.570	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	4620	1.041	ng/ul	0.00
60) Fluorene-d10	15.316	176	15251	0.665	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.434	200	1927	0.389	ng/ul	-0.01
73) Anthracene-d10	17.198	188	23564m	0.632	ng/ul	-0.02
81) Pyrene-d10	19.580	212	26279	0.571	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.586	264	19925m	0.352	ng/ul	-0.02
Target Compounds						
					Qvalue	
23) Isophorone	9.404	82	26534	1.621	ng/ul#	56
30) Naphthalene	10.510	128	76811	3.536	ng/ul	96
36) 2-Methylnaphthalene	12.116	142	122642	7.597	ng/ul	99
37) 1-Methylnaphthalene	12.340	142	72287	4.440	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	477359	61.574	ng/ul	98
71) Pentachlorophenol	16.763	266	6179935	795.905	ng/ul	99
72) Phenanthrene	17.145	178	52638	1.258	ng/ul#	96

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

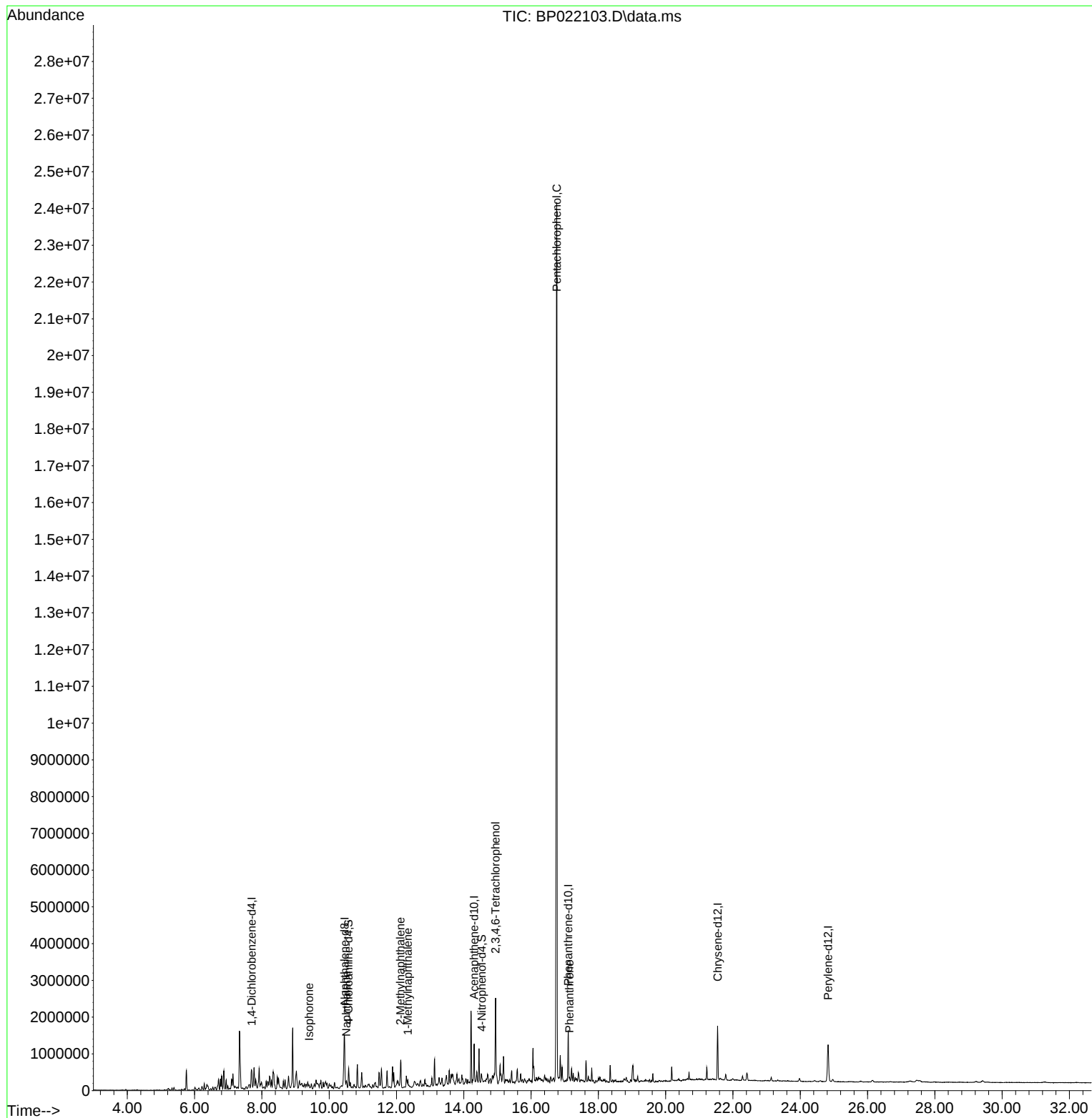
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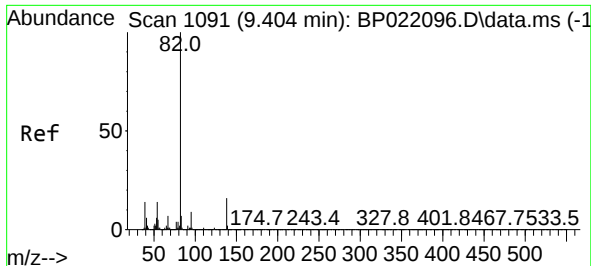
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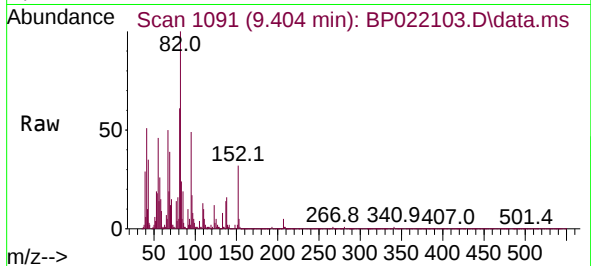
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Quant Title : SVOA CALIBRATION
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#23
Isophorone
Concen: 1.621 ng/ul
RT: 9.404 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BP022103.D
Acq: 28 Sep 2024 13:44

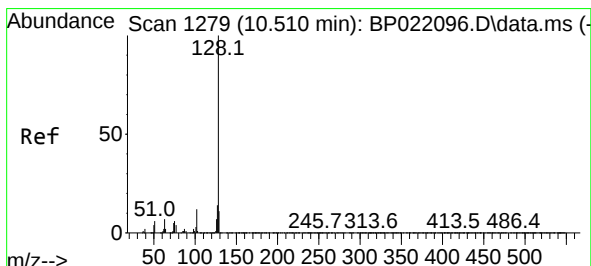
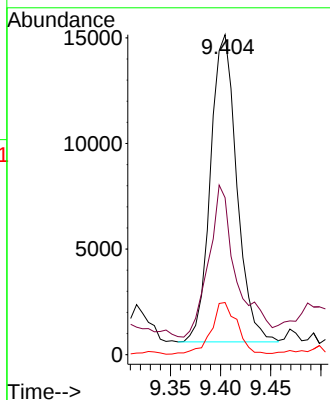
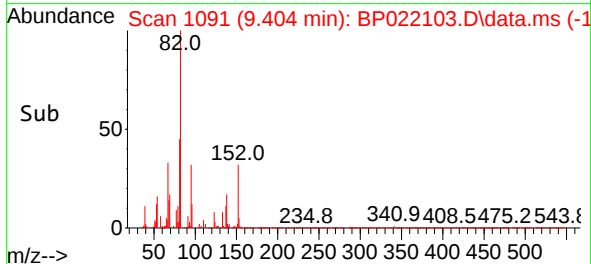
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Tgt Ion: 82 Resp: 26534
Ion Ratio Lower Upper
82 100
95 49.0 7.0 10.4
138 16.3 11.9 17.9

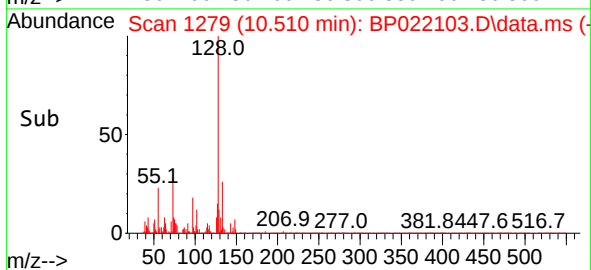
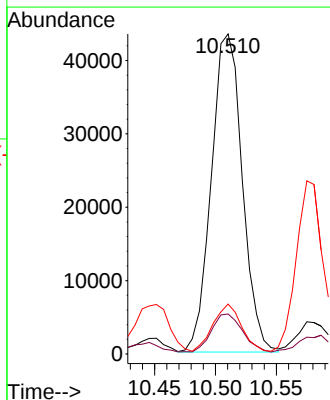
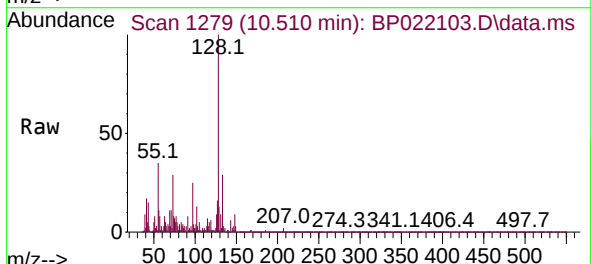
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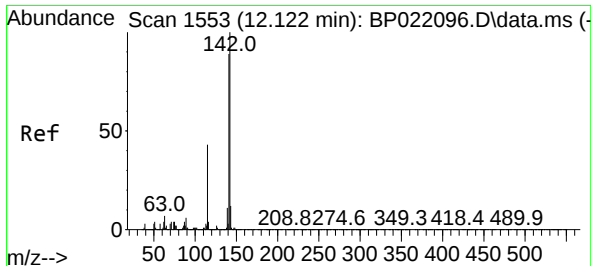
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#30
Naphthalene
Concen: 3.536 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP022103.D
Acq: 28 Sep 2024 13:44

Tgt Ion:128 Resp: 76811
Ion Ratio Lower Upper
128 100
129 12.5 8.9 13.3
127 15.6 10.9 16.3





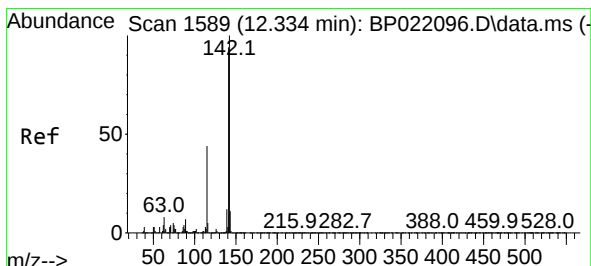
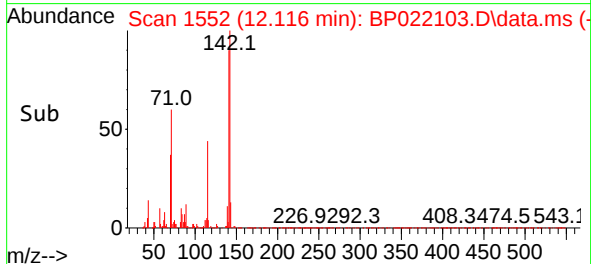
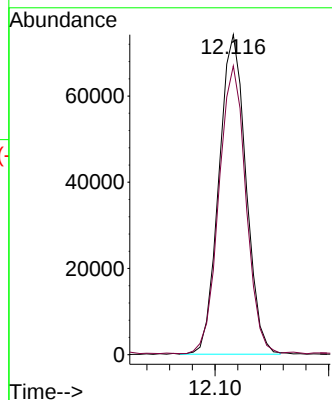
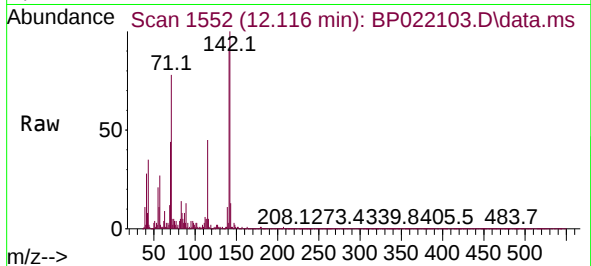
#36
2-Methylnaphthalene
Concen: 7.597 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BP022103.D
Acq: 28 Sep 2024 13:44

Instrument :
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ClientSampleId :
DDC65DL

Tgt Ion:142 Resp: 12264
Ion Ratio Lower Upper
142 100
141 90.3 72.6 109.0

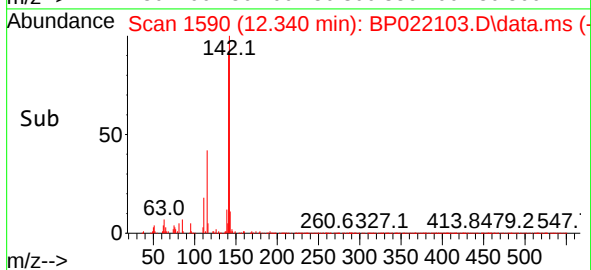
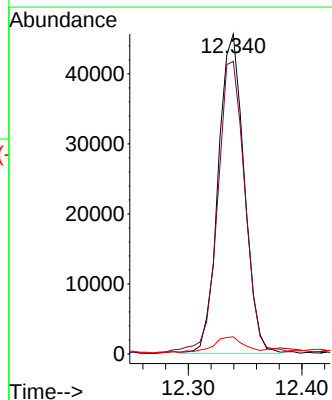
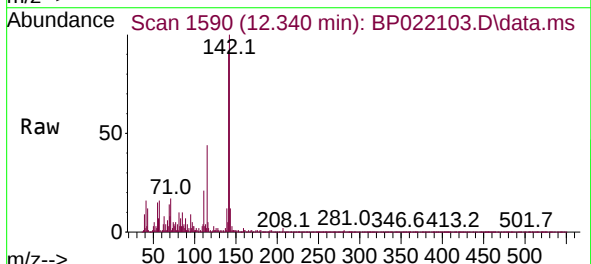
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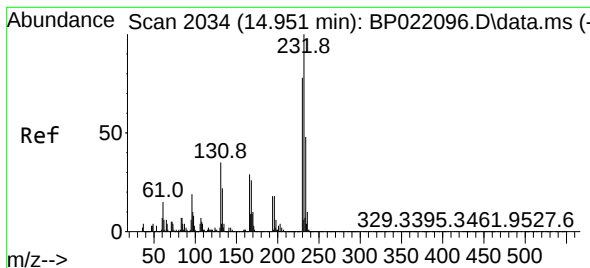
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#37
1-Methylnaphthalene
Concen: 4.440 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP022103.D
Acq: 28 Sep 2024 13:44

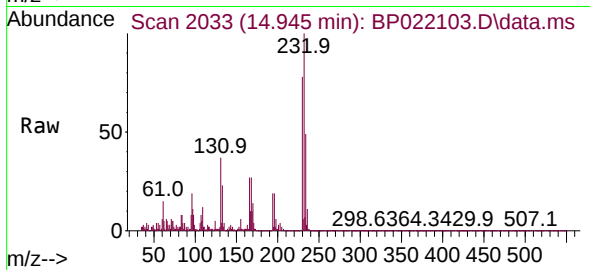
Tgt Ion:142 Resp: 72287
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8
116 5.4 3.9 5.9





#58
2,3,4,6-Tetrachlorophenol
Concen: 61.574 ng/ul
RT: 14.945 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BP022103.D
Acq: 28 Sep 2024 13:44

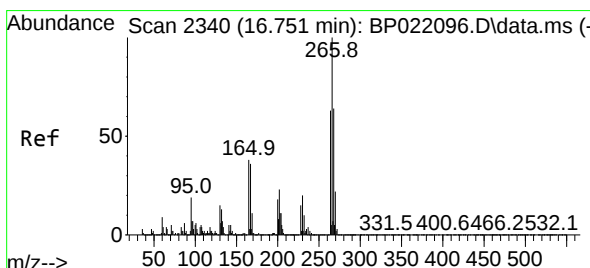
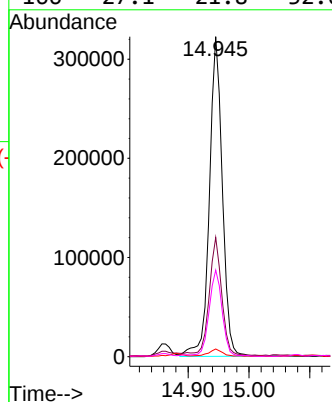
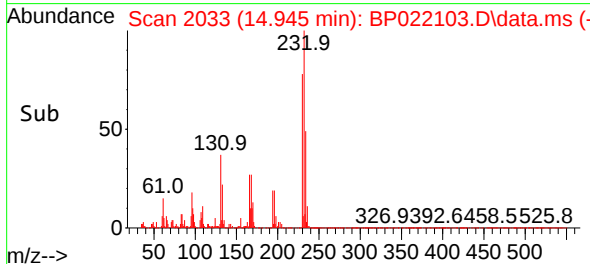
Instrument :
BNA_P
ClientSampleId :
DDC65DL



Tgt Ion:232 Resp: 477359
Ion Ratio Lower Upper
232 100
131 37.2 28.2 42.2
130 2.4 1.8 2.6
166 27.1 21.8 32.6

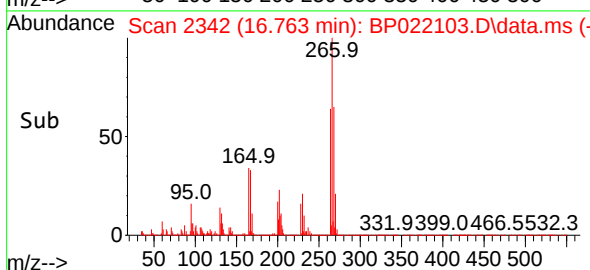
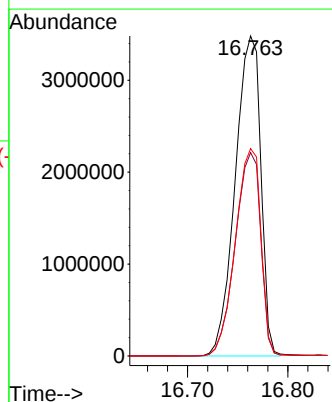
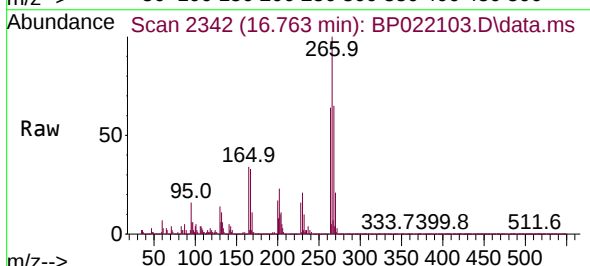
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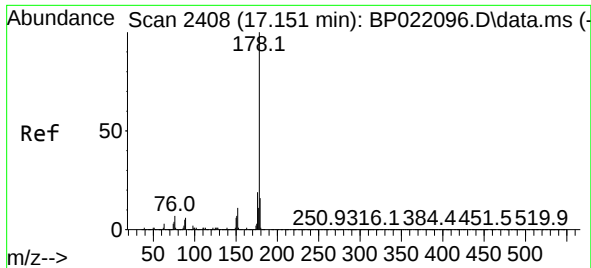
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#71
Pentachlorophenol
Concen: 795.905 ng/ul
RT: 16.763 min Scan# 2342
Delta R.T. 0.006 min
Lab File: BP022103.D
Acq: 28 Sep 2024 13:44

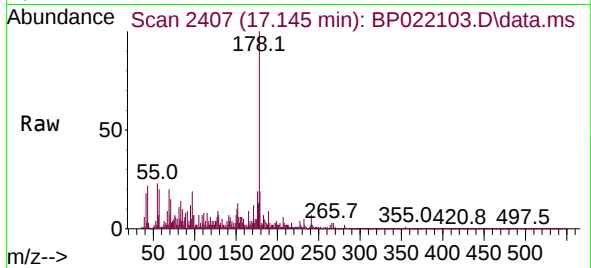
Tgt Ion:266 Resp: 6179935
Ion Ratio Lower Upper
266 100
264 63.5 50.2 75.4
268 64.8 51.4 77.0





#72
 Phenanthrene
 Concen: 1.258 ng/ul
 RT: 17.145 min Scan# 2407
 Delta R.T. -0.012 min
 Lab File: BP022103.D
 Acq: 28 Sep 2024 13:44

Instrument :
 BNA_P
 ClientSampleId :
 DDC65DL



Tgt Ion:178 Resp: 52638
 Ion Ratio Lower Upper
 178 100
 179 19.5 12.4 18.6
 176 18.7 15.0 22.6

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