

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022106.D
 Acq On : 28 Sep 2024 15:46
 Operator : RC/JU
 Sample : P3910-10DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC29DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 06:42:30 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	7.698	152	91375	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.463	136	362751	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	298147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	697299	20.000	ng/u1	0.01
79) Chrysene-d12	21.545	240	761551	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	928596	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	943	0.404	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	7764	1.039	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	11038	2.398	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	6665	1.232	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	1146	0.193	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	4791	1.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	5511	1.790	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.098	165	6215	0.930	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	26643	3.340	ng/u1	-0.03
46) Dimethylphthalate-d6	13.722	166	44873	1.947	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	43543	1.784	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	16762	4.252	ng/u1	0.00
60) Fluorene-d10	15.322	176	41373	2.029	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.216	188	59545m	1.829	ng/u1	0.00
81) Pyrene-d10	19.586	212	72967	1.849	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.609	264	45622	0.934	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.510	128	134931	7.069	ng/u1	96
36) 2-Methylnaphthalene	12.128	142	217903	15.362	ng/u1	97
37) 1-Methylnaphthalene	12.345	142	129662	9.064	ng/u1	98
43) 1,1'-Biphenyl	13.139	154	32066	1.504	ng/u1#	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	776054	112.665	ng/u1	99
61) Fluorene	15.386	166	26309	1.151	ng/u1#	91
71) Pentachlorophenol	16.804	266	11855043	1747.547	ng/u1	98
72) Phenanthrene	17.169	178	97347	2.663	ng/u1#	94

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

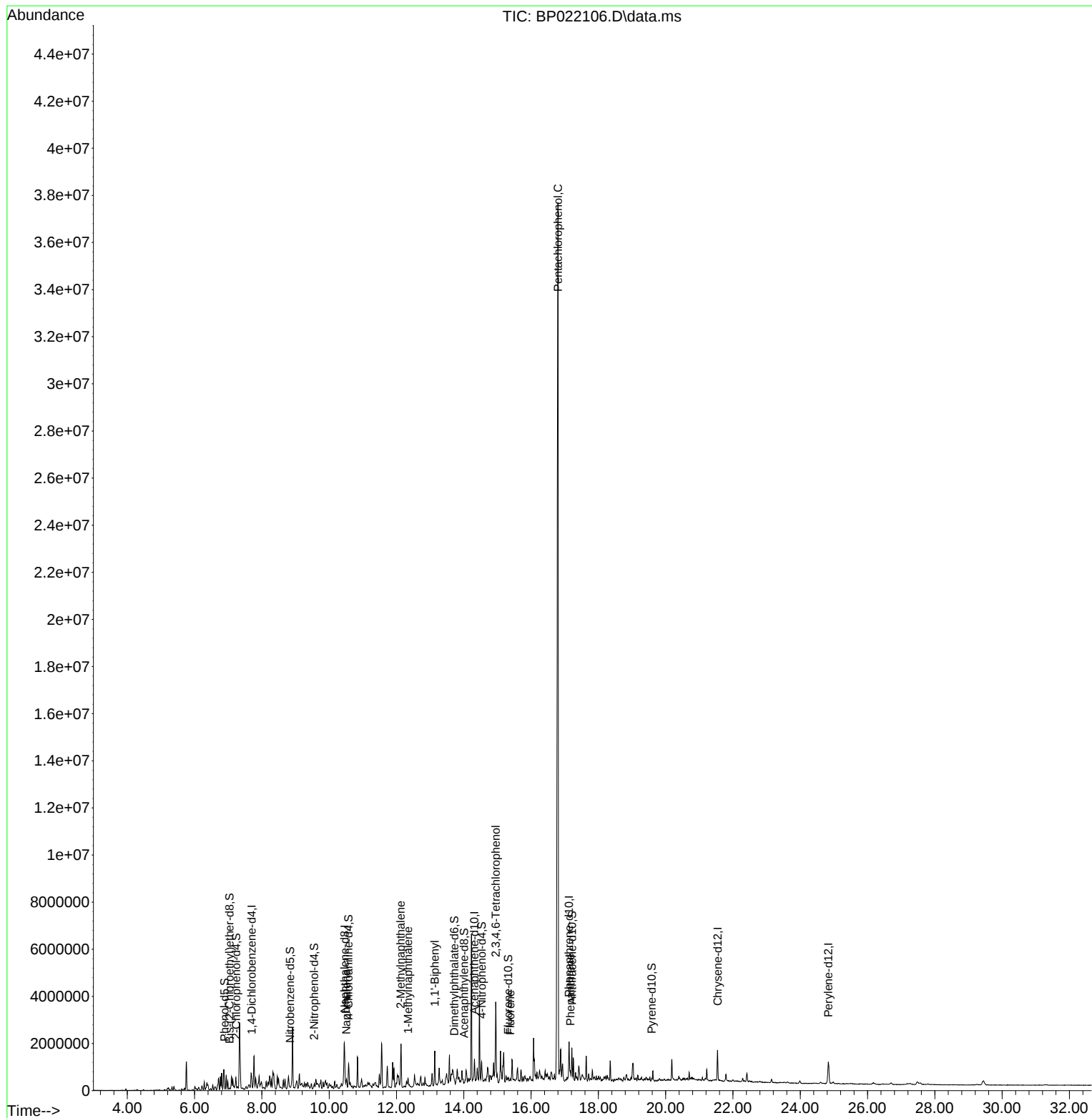
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
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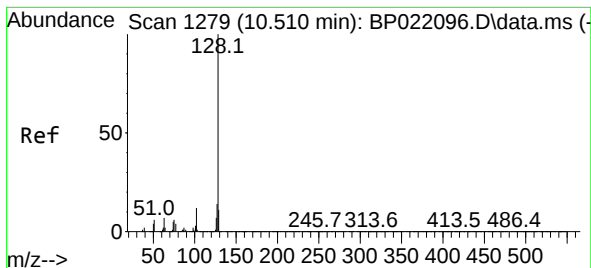
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Quant Time: Sep 29 06:42:30 2024
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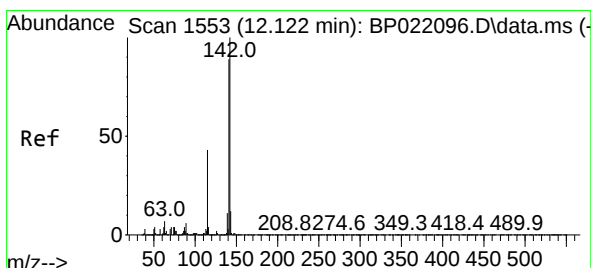
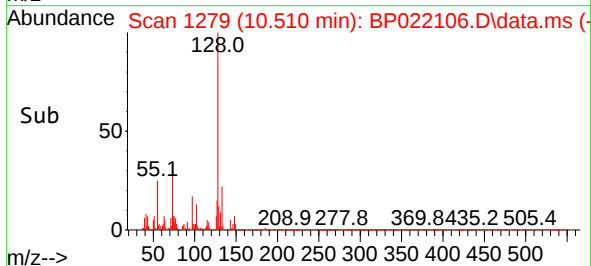
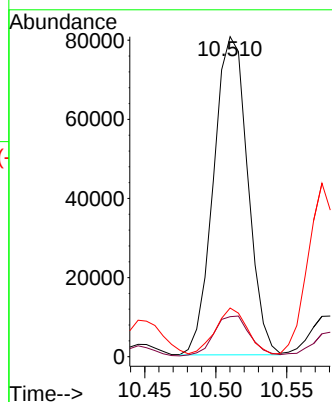
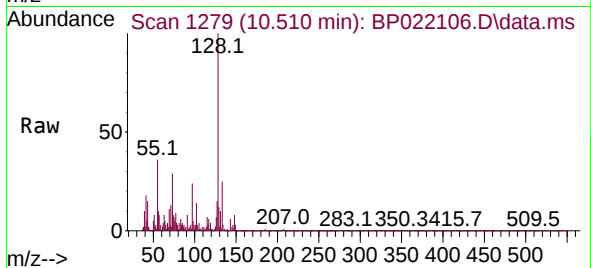
#30
Naphthalene
Concen: 7.069 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP022106.D
Acq: 28 Sep 2024 15:46

Instrument :
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ClientSampleId :
DDC29DL

Tgt Ion:128 Resp: 13493
Ion Ratio Lower Upper
128 100
129 12.5 8.9 13.3
127 15.2 10.9 16.3

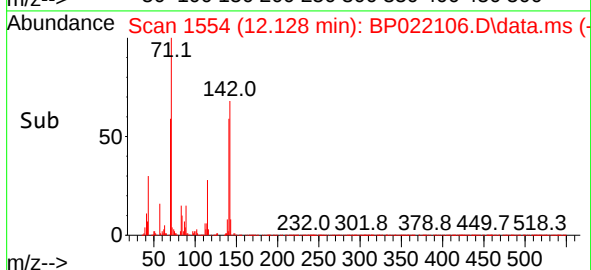
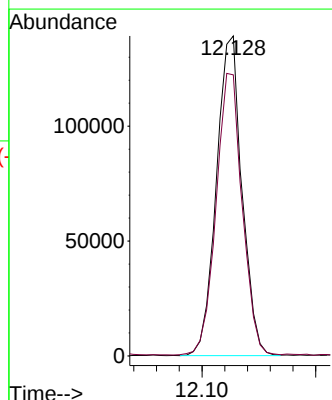
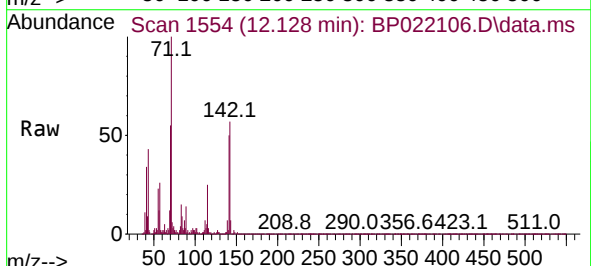
Manual Integrations
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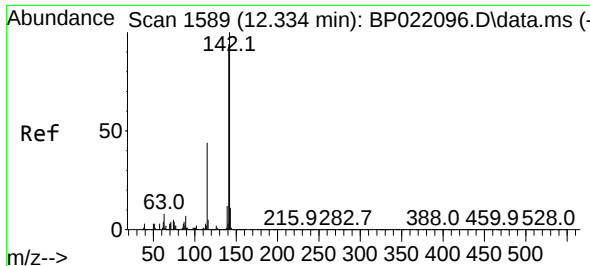
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#36
2-Methylnaphthalene
Concen: 15.362 ng/ul
RT: 12.128 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BP022106.D
Acq: 28 Sep 2024 15:46

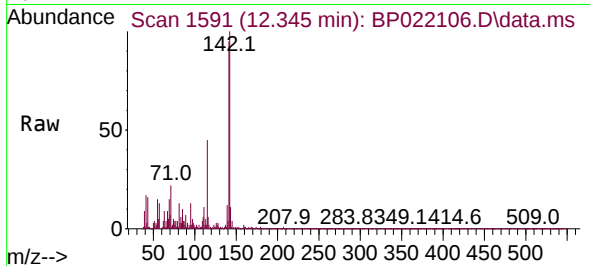
Tgt Ion:142 Resp: 217903
Ion Ratio Lower Upper
142 100
141 87.9 72.6 109.0





#37
1-Methylnaphthalene
Concen: 9.064 ng/ul
RT: 12.345 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP022106.D
Acq: 28 Sep 2024 15:46

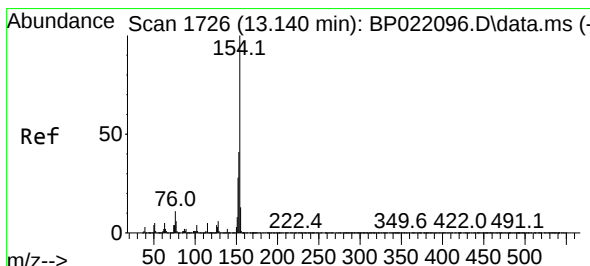
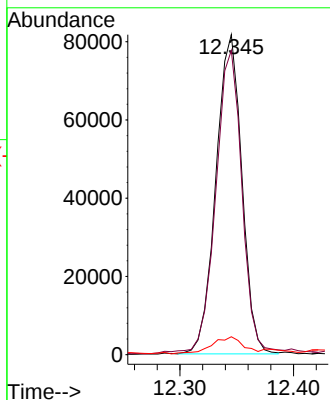
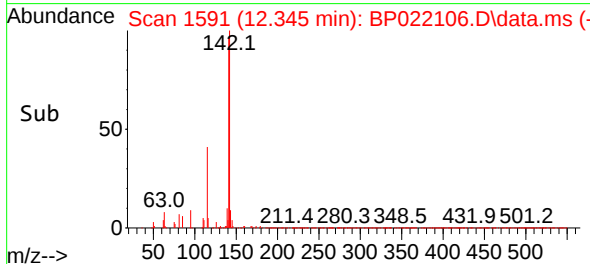
Instrument :
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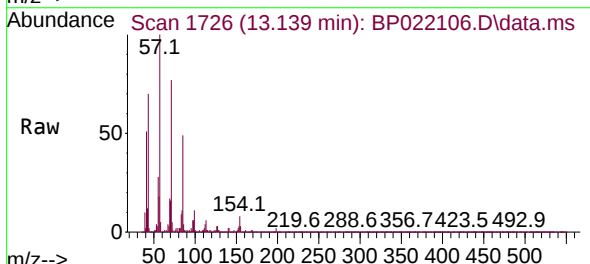
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Ion Ratio Lower Upper
142 100
141 95.1 74.6 111.8
116 5.6 3.9 5.9

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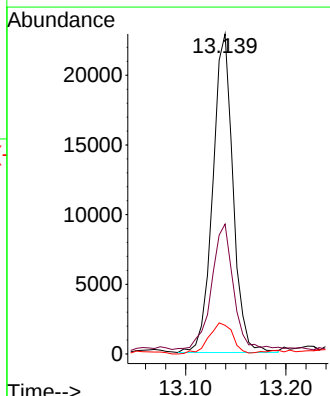
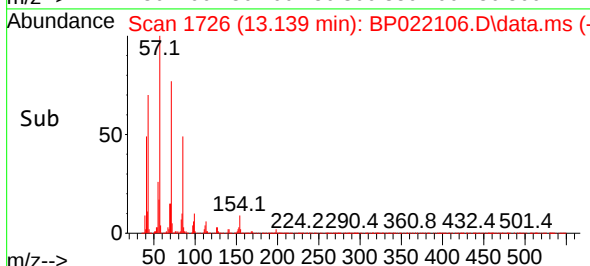
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

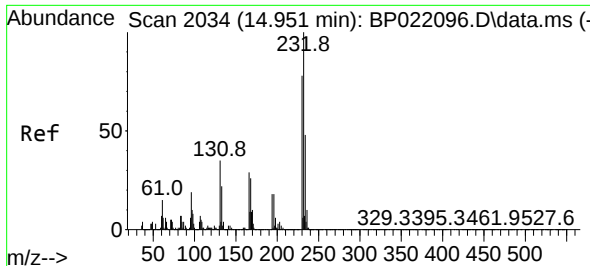


#43
1,1'-Biphenyl
Concen: 1.504 ng/ul
RT: 13.139 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BP022106.D
Acq: 28 Sep 2024 15:46



Tgt Ion:154 Resp: 32066
Ion Ratio Lower Upper
154 100
153 40.6 32.6 49.0
76 9.0 10.1 15.1#





#58
2,3,4,6-Tetrachlorophenol
Concen: 112.665 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BP022106.D
Acq: 28 Sep 2024 15:46

Instrument :

BNA_P

ClientSampleId :

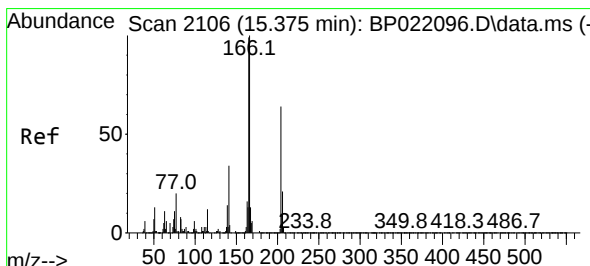
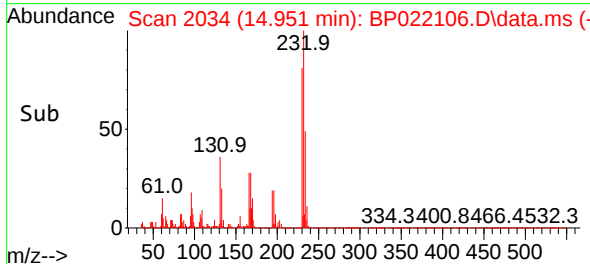
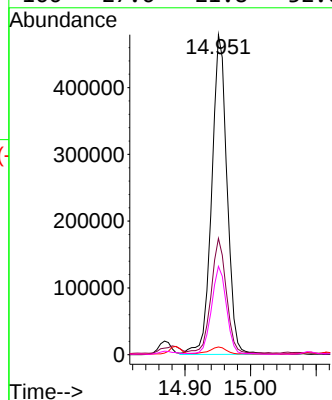
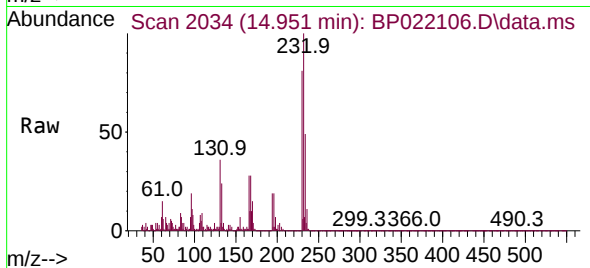
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Tgt Ion:232 Resp: 776054
Ion Ratio Lower Upper
232 100
131 36.4 28.2 42.2
130 2.4 1.8 2.6
166 27.6 21.8 32.6

Manual Integrations

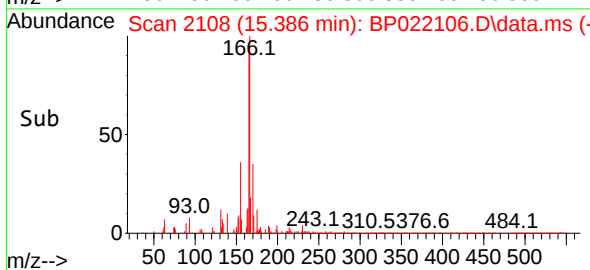
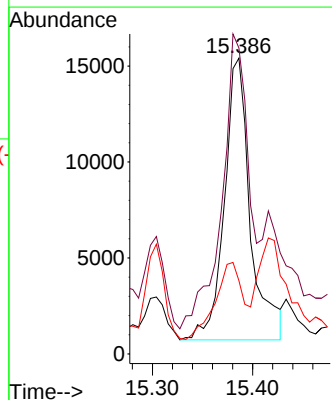
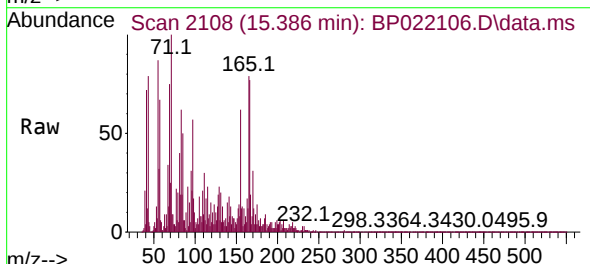
APPROVED

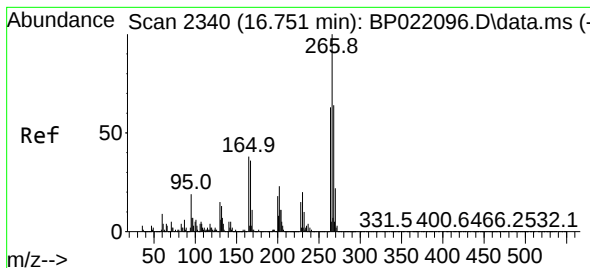
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#61
Fluorene
Concen: 1.151 ng/ul
RT: 15.386 min Scan# 2108
Delta R.T. 0.006 min
Lab File: BP022106.D
Acq: 28 Sep 2024 15:46

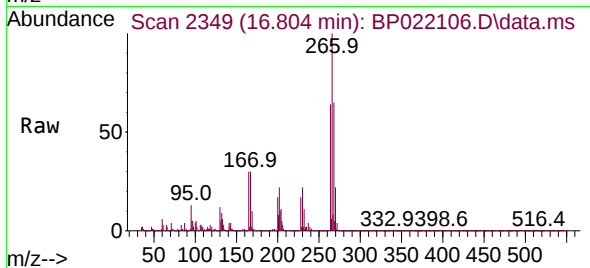
Tgt Ion:166 Resp: 26309
Ion Ratio Lower Upper
166 100
165 103.4 77.9 116.9
167 24.7 10.5 15.7#





#71
Pentachlorophenol
Concen: 1747.547 ng/ul
RT: 16.804 min Scan# 2410
Delta R.T. 0.047 min
Lab File: BP022106.D
Acq: 28 Sep 2024 15:46

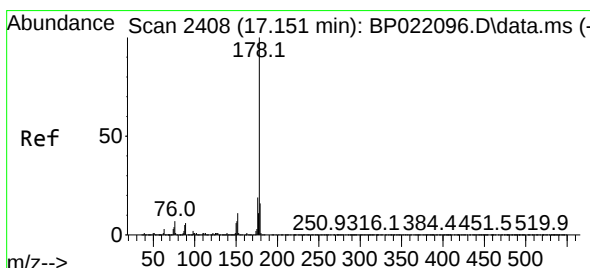
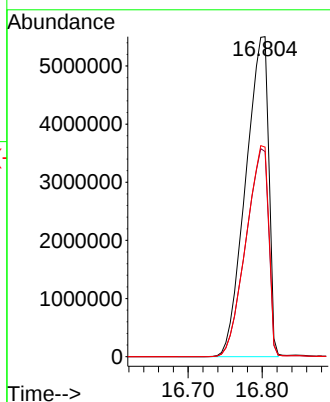
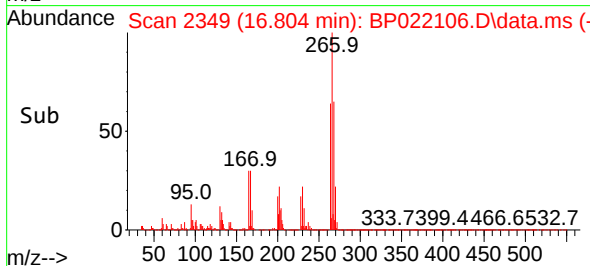
Instrument :
BNA_P
ClientSampleId :
DDC29DL



Tgt Ion:266 Resp:1185504
Ion Ratio Lower Upper
266 100
264 64.1 50.2 75.4
268 65.5 51.4 77.0

Manual Integrations
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Supervised By :mohammad ahmed 10/01/2024



#72
Phenanthrene
Concen: 2.663 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.012 min
Lab File: BP022106.D
Acq: 28 Sep 2024 15:46

Tgt Ion:178 Resp: 97347
Ion Ratio Lower Upper
178 100
179 19.4 12.4 18.6#
176 20.4 15.0 22.6

