

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022080.D
 Acq On : 27 Sep 2024 15:46
 Operator : RC/JU
 Sample : P3910-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC29

Manual Integrations
 APPROVED

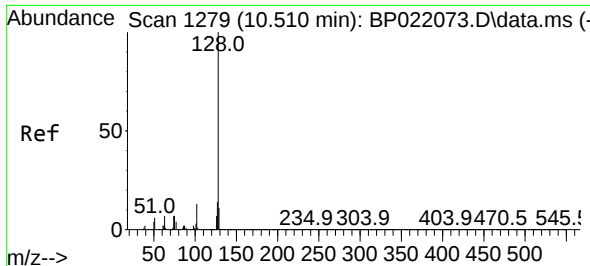
Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 02:57:14 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)

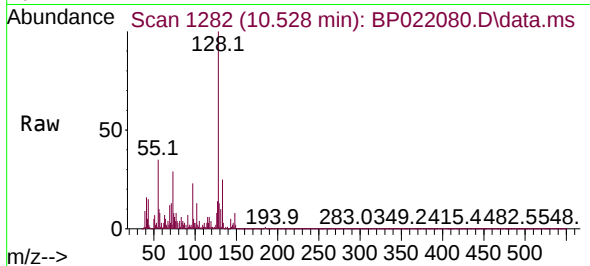
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	118981	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	447672	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.333	164	332824	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.174	188	766615	20.000	ng/u1	0.06
79) Chrysene-d12	21.557	240	744315	20.000	ng/u1	0.02
88) Perylene-d12	24.862	264	876519	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	7281	2.397	ng/uL	0.00
4) Pyridine-d5	3.687	84	6584m	0.758	ng/u1	0.05
7) Phenol-d5	6.916	99	130234	13.381	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.051	67	138664	23.137	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	86375	12.266	ng/u1	0.01
15) 4-Methylphenol-d8	8.422	113	14730	1.910	ng/u1	0.02
21) Nitrobenzene-d5	8.851	128	43346	12.937	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	67129	17.670	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	84330	10.221	ng/u1	0.02
31) 4-Chloroaniline-d4	10.592	131	286302	29.083	ng/u1	-0.01
46) Dimethylphthalate-d6	13.733	166	469318	18.242	ng/u1	0.01
49) Acenaphthylene-d8	14.016	160	468409	17.196	ng/u1	0.01
54) 4-Nitrophenol-d4	14.569	143	180924	41.112	ng/u1	0.04
60) Fluorene-d10	15.339	176	421382	18.516	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	111509m	23.429	ng/u1	0.06
73) Anthracene-d10	17.263	188	649109m	18.137	ng/u1	0.05
81) Pyrene-d10	19.604	212	693234	17.977	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.621	264	477507	10.358	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.528	128	1528820	64.903	ng/u1	98
33) Hexachlorobutadiene	10.816	225	16978	2.333	ng/u1#	86
36) 2-Methylnaphthalene	12.145	142	2372969	135.558	ng/u1	99
37) 1-Methylnaphthalene	12.351	142	1418275	80.335	ng/u1	99
41) 2,4,6-Trichlorophenol	12.769	196	58458	7.925	ng/u1	98
42) 2,4,5-Trichlorophenol	12.845	196	21888	2.740	ng/u1	89
43) 1,1'-Biphenyl	13.151	154	333216	14.000	ng/u1#	94
58) 2,3,4,6-Tetrachlorophenol	14.998	232	7584597	986.380	ng/u1	96
61) Fluorene	15.398	166	254410	9.970	ng/u1#	84
71) Pentachlorophenol	16.839	266	46009455m	6168.996	ng/u1	
72) Phenanthrene	17.216	178	985811	24.526	ng/u1#	94
86) Bis(2-ethylhexyl)phtha...	21.474	149	120164	4.954	ng/u1#	80

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



#30
Naphthalene
Concen: 64.903 ng/ul
RT: 10.528 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP022080.D
Acq: 27 Sep 2024 15:46

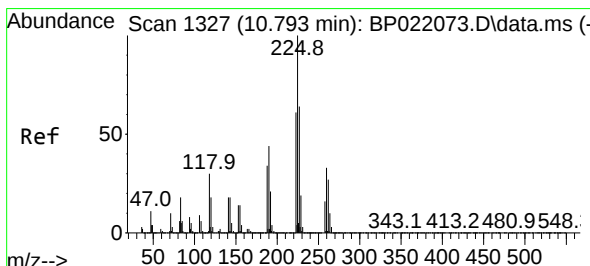
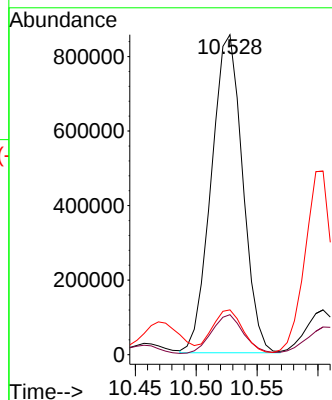
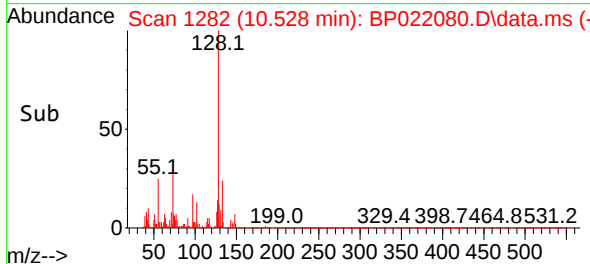
Instrument :
BNA_P
ClientSampleId :
DDC29



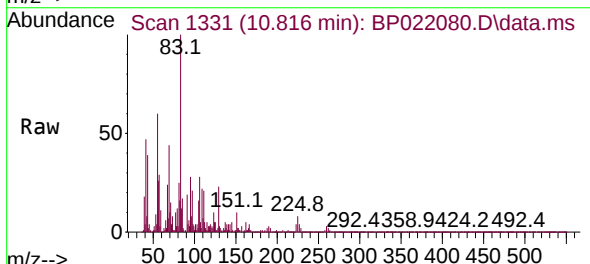
Tgt Ion:128 Resp: 1528820
Ion Ratio Lower Upper
128 100
129 12.5 8.9 13.3
127 14.0 10.9 16.3

Manual Integrations
APPROVED

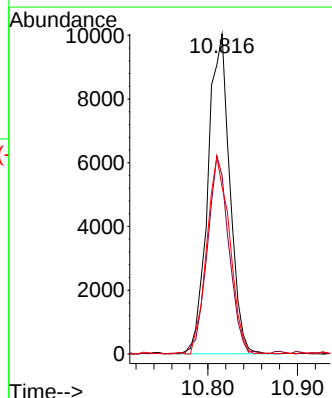
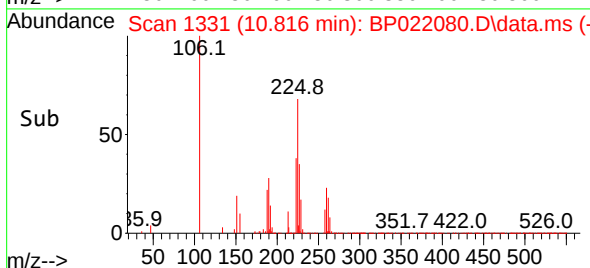
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

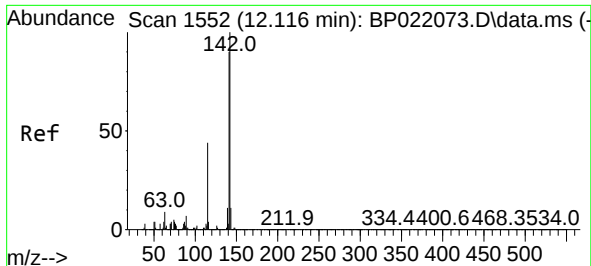


#33
Hexachlorobutadiene
Concen: 2.333 ng/ul
RT: 10.816 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BP022080.D
Acq: 27 Sep 2024 15:46



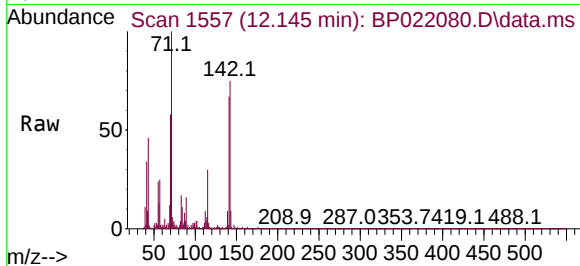
Tgt Ion:225 Resp: 16978
Ion Ratio Lower Upper
225 100
223 52.6 47.1 70.7
227 49.3 51.6 77.4#





#36
2-Methylnaphthalene
Concen: 135.558 ng/ul
RT: 12.145 min Scan# 1557
Delta R.T. 0.018 min
Lab File: BP022080.D
Acq: 27 Sep 2024 15:46

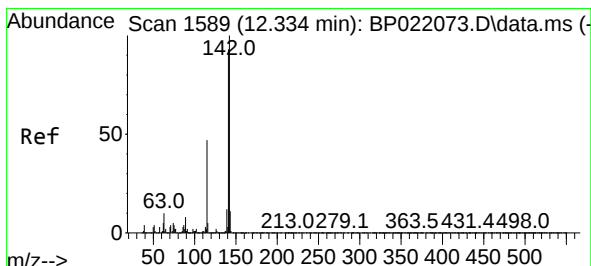
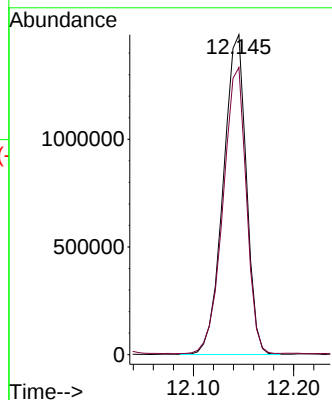
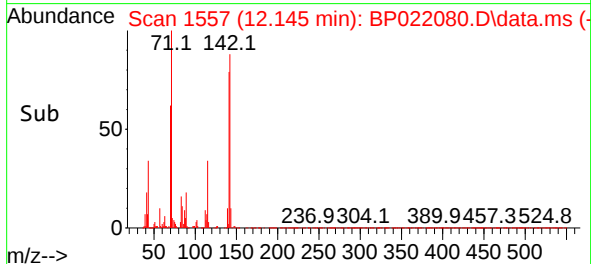
Instrument :
BNA_P
ClientSampleId :
DDC29



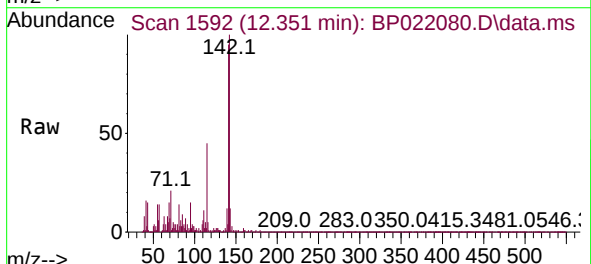
Tgt Ion:142 Resp: 2372969
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0

Manual Integrations
APPROVED

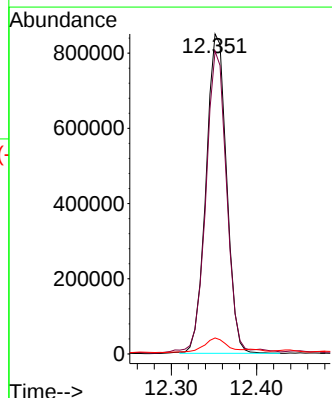
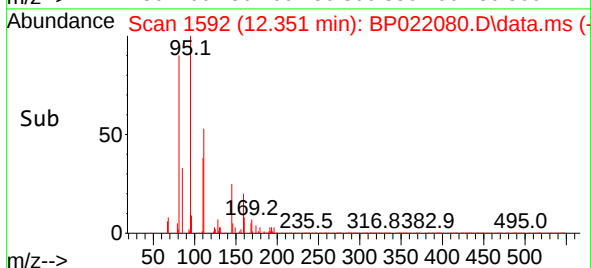
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

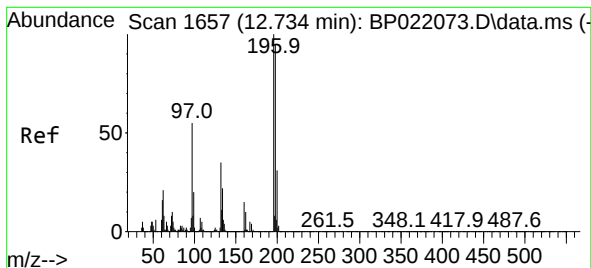


#37
1-Methylnaphthalene
Concen: 80.335 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP022080.D
Acq: 27 Sep 2024 15:46



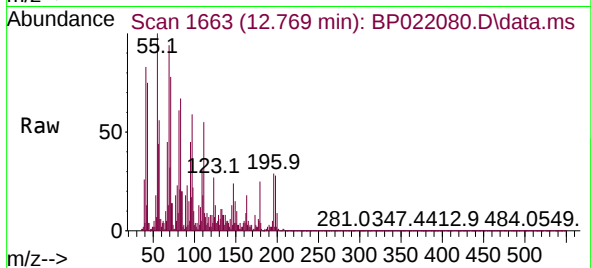
Tgt Ion:142 Resp: 1418275
Ion Ratio Lower Upper
142 100
141 94.6 74.6 111.8
116 5.0 3.9 5.9





#41
2,4,6-Trichlorophenol
Concen: 7.925 ng/ul
RT: 12.769 min Scan# 1663
Delta R.T. 0.023 min
Lab File: BP022080.D
Acq: 27 Sep 2024 15:46

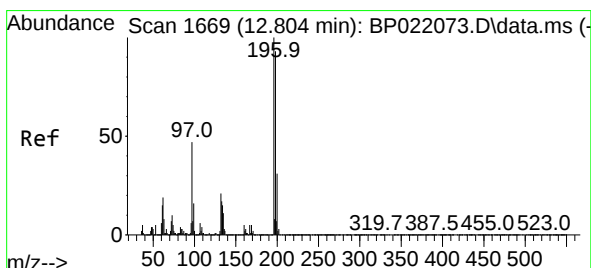
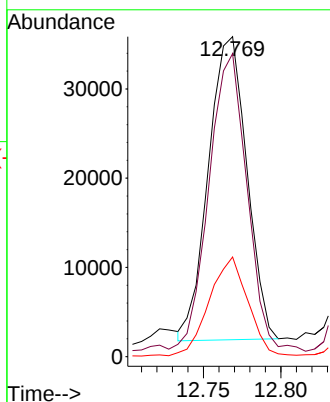
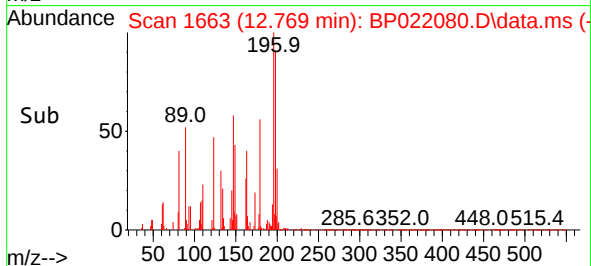
Instrument :
BNA_P
ClientSampleId :
DDC29



Tgt Ion:196 Resp: 58458
Ion Ratio Lower Upper
196 100
198 94.7 77.6 116.4
200 31.2 24.2 36.4

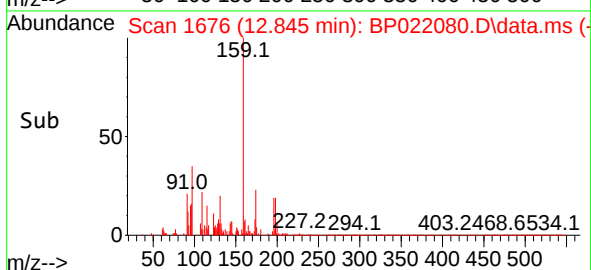
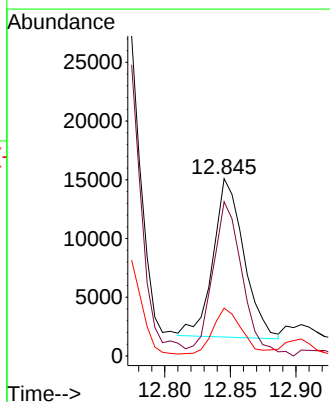
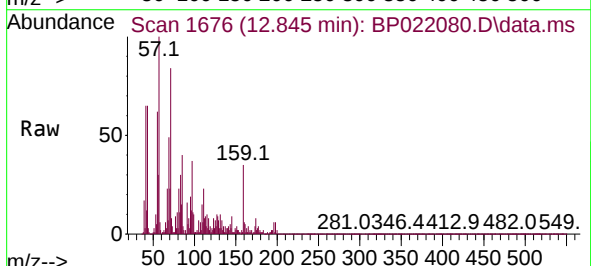
Manual Integrations
APPROVED

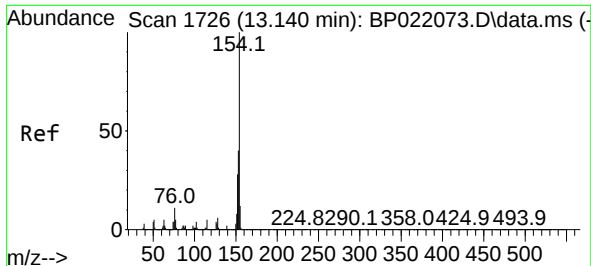
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#42
2,4,5-Trichlorophenol
Concen: 2.740 ng/ul
RT: 12.845 min Scan# 1676
Delta R.T. 0.029 min
Lab File: BP022080.D
Acq: 27 Sep 2024 15:46

Tgt Ion:196 Resp: 21888
Ion Ratio Lower Upper
196 100
198 87.0 78.2 117.2
200 27.0 26.1 39.1





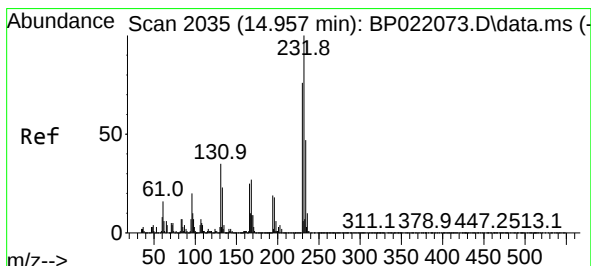
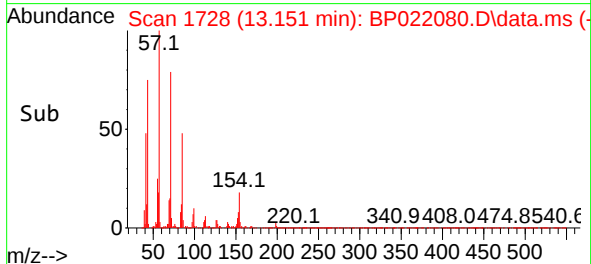
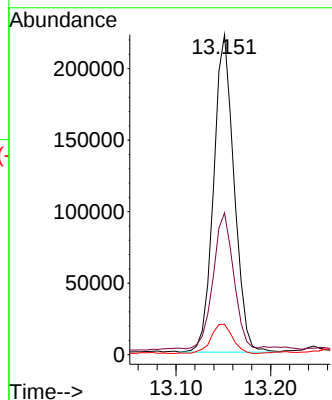
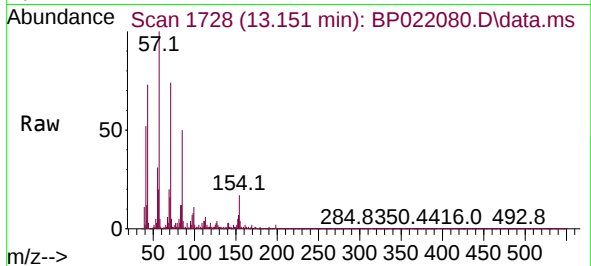
#43
1,1'-Biphenyl
Concen: 14.000 ng/ul
RT: 13.151 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP022080.D
Acq: 27 Sep 2024 15:46

Instrument :
BNA_P
ClientSampleId :
DDC29

Tgt Ion:154	Resp: 333210
Ion Ratio	Lower Upper
154 100	
153 44.3	32.6 49.0
76 9.5	10.1 15.1

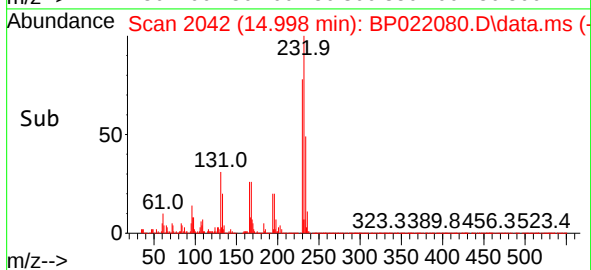
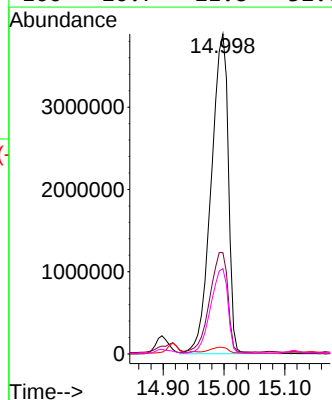
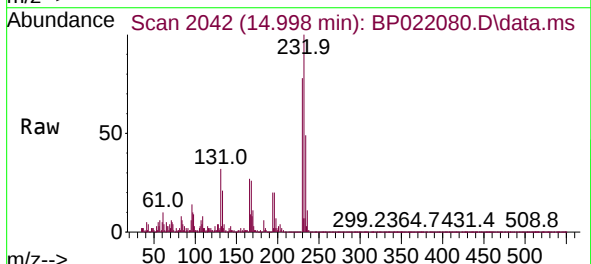
Manual Integrations
APPROVED

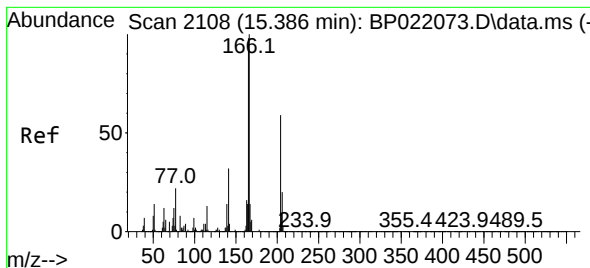
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 986.380 ng/ul
RT: 14.998 min Scan# 2042
Delta R.T. 0.035 min
Lab File: BP022080.D
Acq: 27 Sep 2024 15:46

Tgt Ion:232	Resp: 7584597
Ion Ratio	Lower Upper
232 100	
131 31.6	28.2 42.2
130 2.1	1.8 2.6
166 26.7	21.8 32.6





#61

Fluorene

Concen: 9.970 ng/ul

RT: 15.398 min Scan# 2110

Delta R.T. 0.018 min

Lab File: BP022080.D

Acq: 27 Sep 2024 15:46

Instrument :

BNA_P

ClientSampleId :

DDC29

Tgt Ion:166 Resp: 254410

Ion Ratio Lower Upper

166 100

165 108.6 77.9 116.9

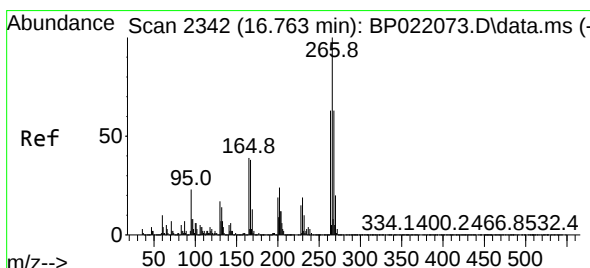
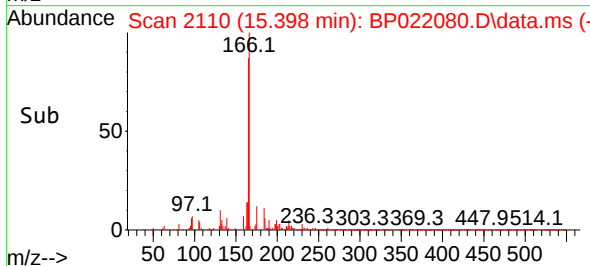
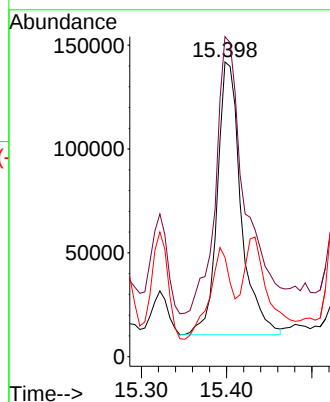
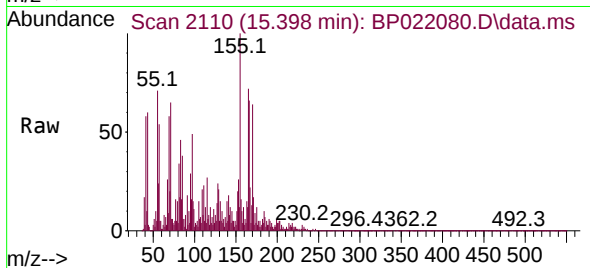
167 33.7 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#71

Pentachlorophenol

Concen: 6168.996 ng/ul m

RT: 16.839 min Scan# 2355

Delta R.T. 0.082 min

Lab File: BP022080.D

Acq: 27 Sep 2024 15:46

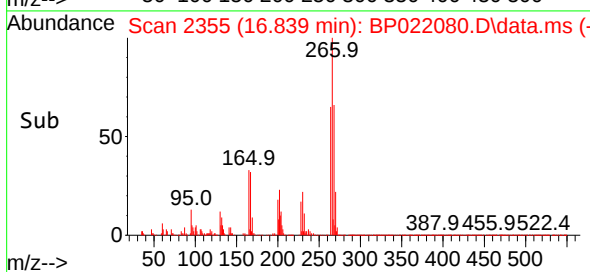
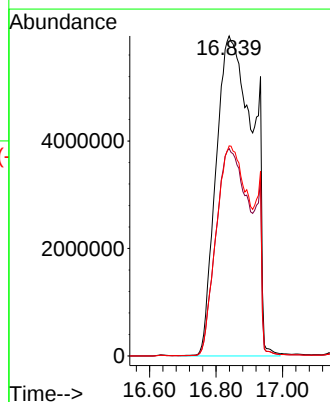
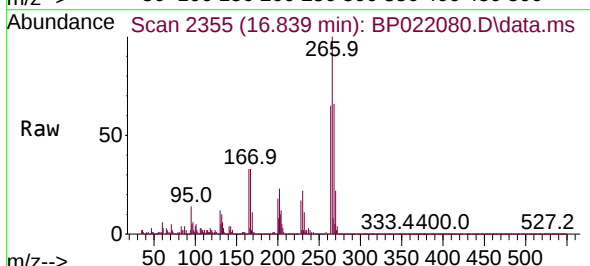
Tgt Ion:266 Resp:46009455

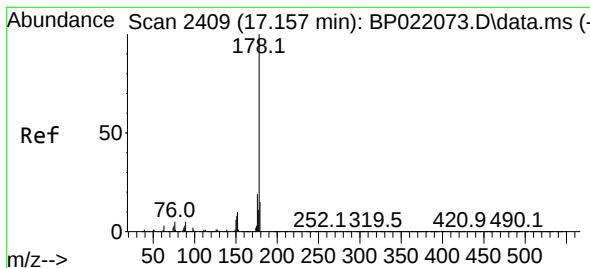
Ion Ratio Lower Upper

266 100

264 64.8 50.2 75.4

268 65.7 51.4 77.0





#72

Phenanthrene

Concen: 24.526 ng/ul

RT: 17.216 min Scan# 2409

Delta R.T. 0.059 min

Lab File: BP022080.D

Acq: 27 Sep 2024 15:46

Instrument :

BNA_P

ClientSampleId :

DDC29

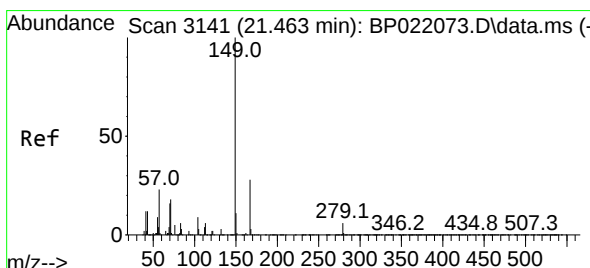
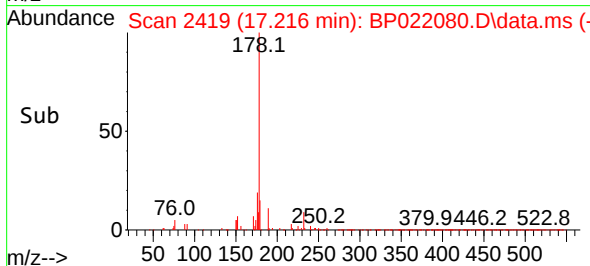
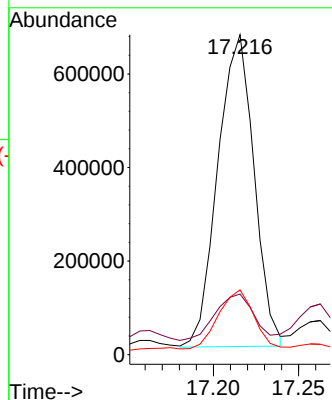
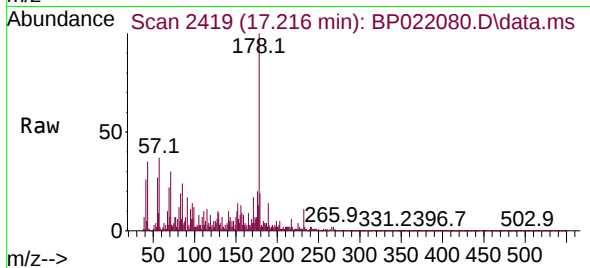
Tgt Ion:	178	Resp:	98581
Ion Ratio	Lower	Upper	
178	100		
179	19.0	12.4	18.6
176	20.3	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.954 ng/ul

RT: 21.474 min Scan# 3143

Delta R.T. 0.012 min

Lab File: BP022080.D

Acq: 27 Sep 2024 15:46

Tgt Ion:	149	Resp:	120164
Ion Ratio	Lower	Upper	
149	100		
167	39.1	23.0	34.4
279	12.6	4.5	6.7

