

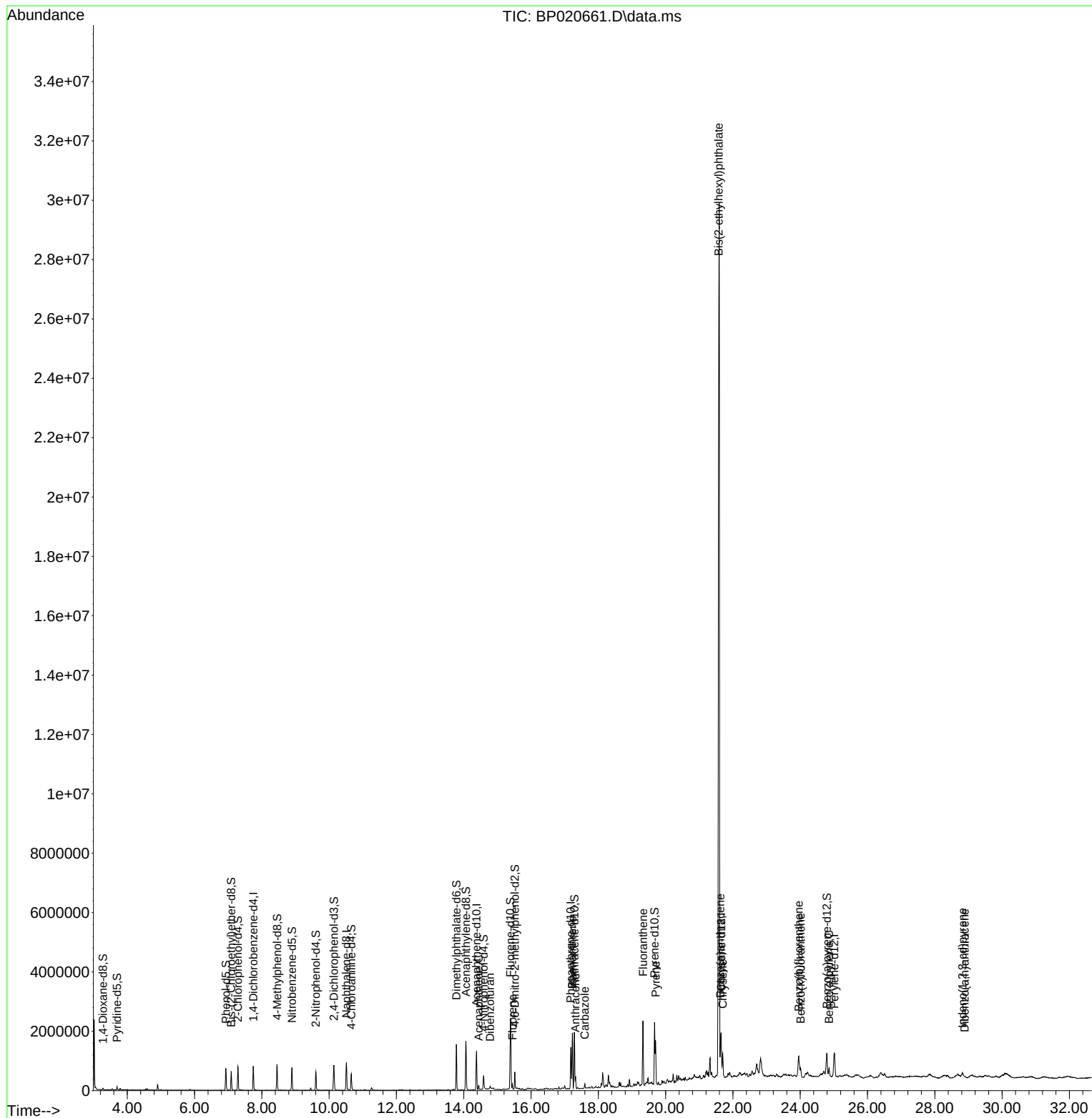
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020661.D
Acq On : 27 Jun 2024 14:24
Operator : MA/JU
Sample : P2909-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

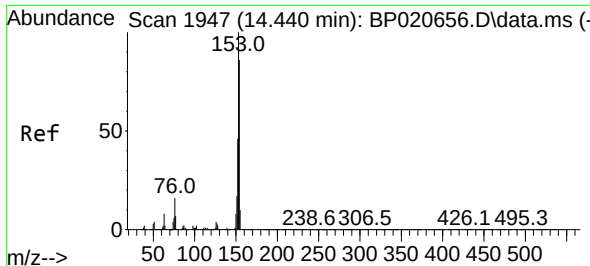
Instrument :
BNA_P
ClientSampleId :
A4B84

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

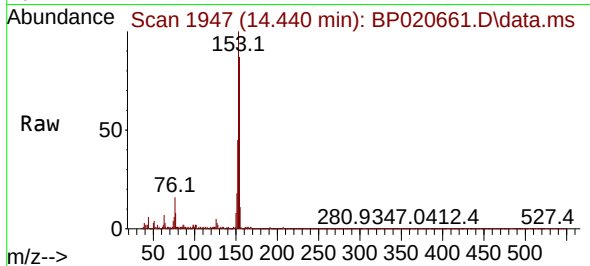
Quant Time: Jun 27 14:54:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 2.056 ng/ul
RT: 14.440 min Scan# 1947
Delta R.T. 0.012 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

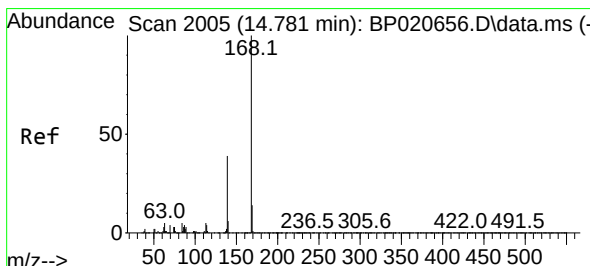
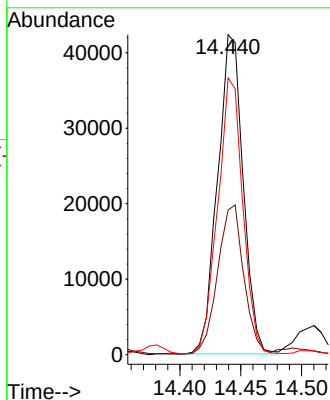
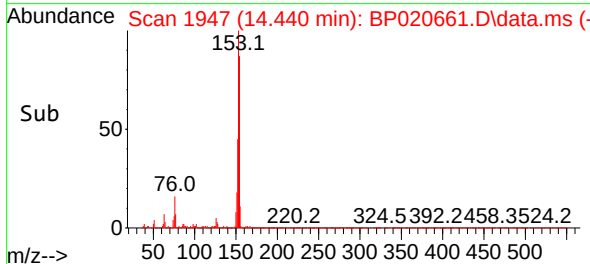
Instrument :
BNA_P
ClientSampleId :
A4B84



Tgt Ion:153 Resp: 61927
Ion Ratio Lower Upper
153 100
152 45.2 38.2 57.2
154 86.5 69.8 104.6

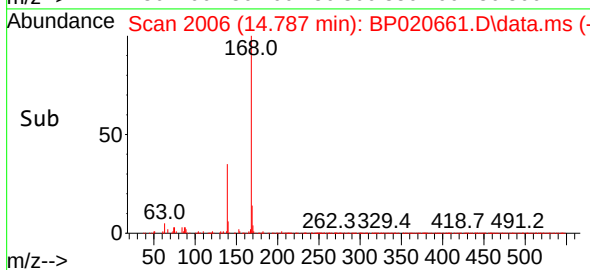
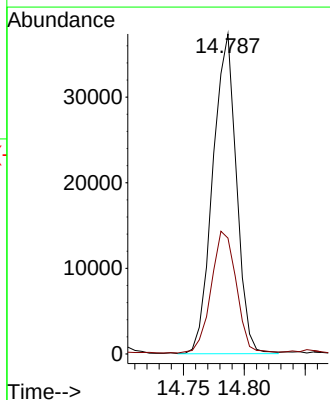
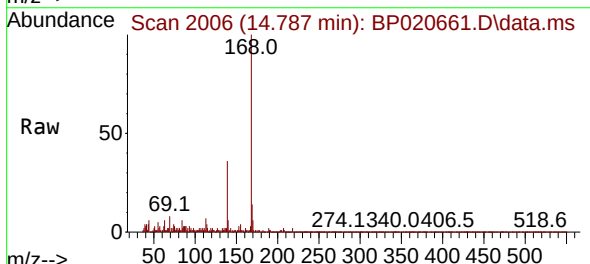
Manual Integrations
APPROVED

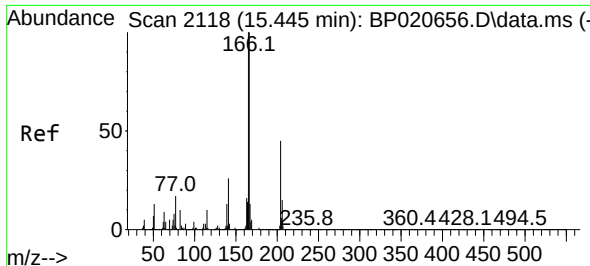
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#56
Dibenzofuran
Concen: 1.243 ng/ul
RT: 14.787 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

Tgt Ion:168 Resp: 50437
Ion Ratio Lower Upper
168 100
139 36.2 30.7 46.1





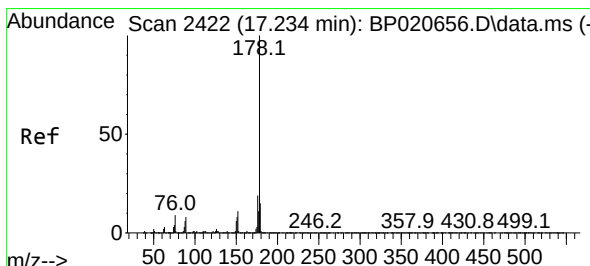
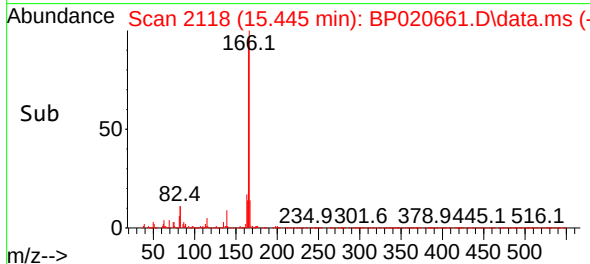
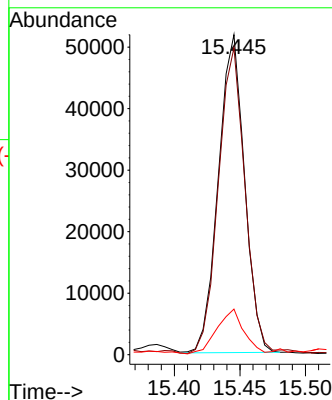
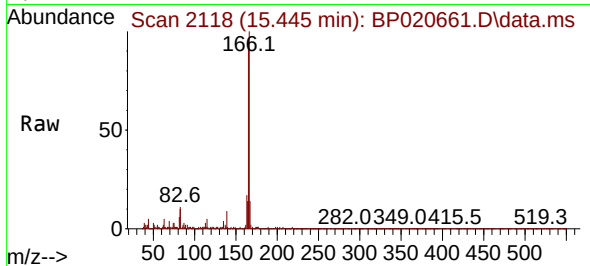
#61
Fluorene
Concen: 2.200 ng/ul
RT: 15.445 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

Instrument :
BNA_P
ClientSampleId :
A4B84

Tgt Ion:166 Resp: 71720
Ion Ratio Lower Upper
166 100
165 95.9 78.8 118.2
167 14.2 11.2 16.8

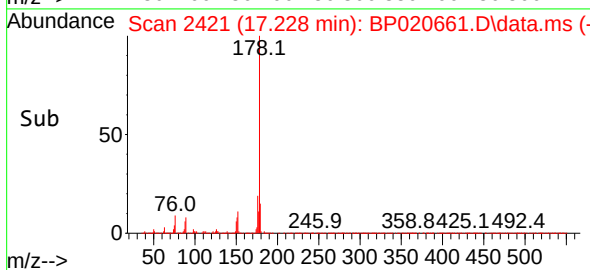
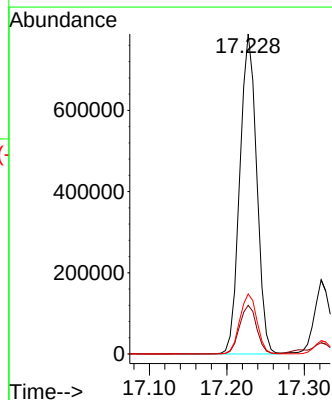
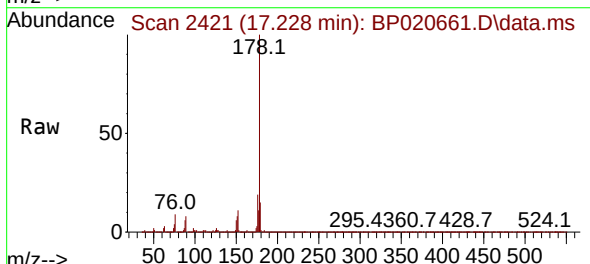
Manual Integrations
APPROVED

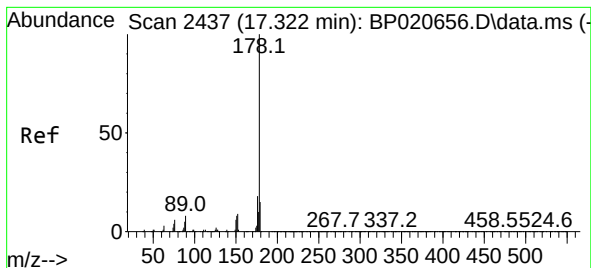
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#72
Phenanthrene
Concen: 25.000 ng/ul
RT: 17.228 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

Tgt Ion:178 Resp: 1192349
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.8 15.4 23.2





#74

Anthracene

Concen: 5.165 ng/ul

RT: 17.322 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BP020661.D

Acq: 27 Jun 2024 14:24

Instrument :

BNA_P

ClientSampleId :

A4B84

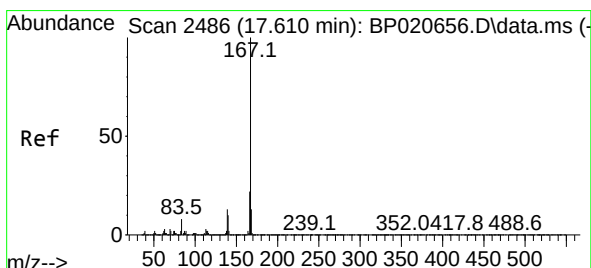
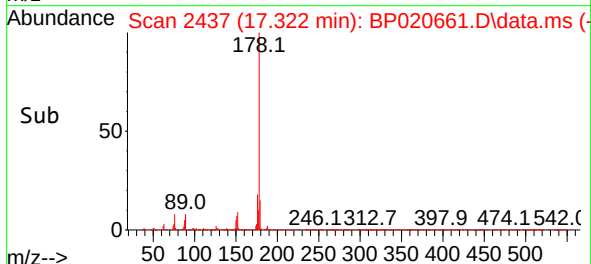
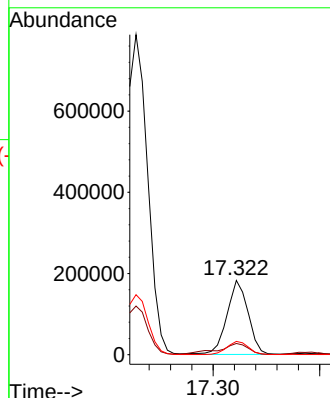
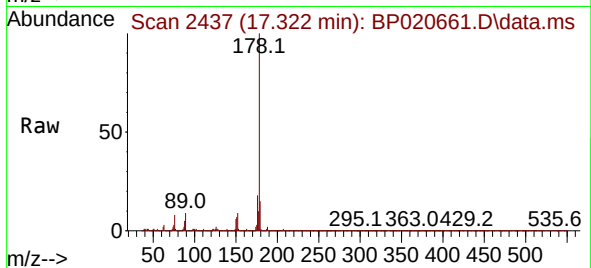
Tgt Ion:178	Resp: 25339
Ion Ratio	Lower Upper
178 100	
179 15.0	12.1 18.1
176 17.9	15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024



#77

Carbazole

Concen: 2.372 ng/ul

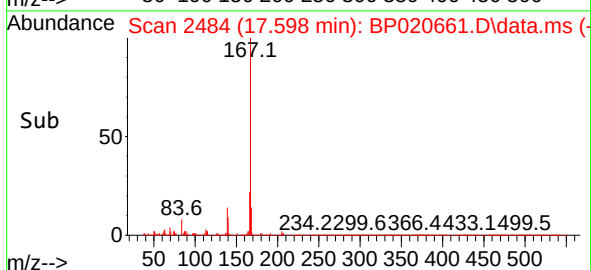
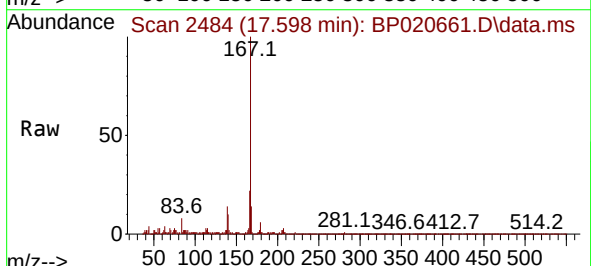
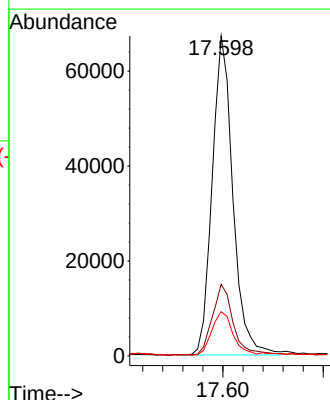
RT: 17.598 min Scan# 2484

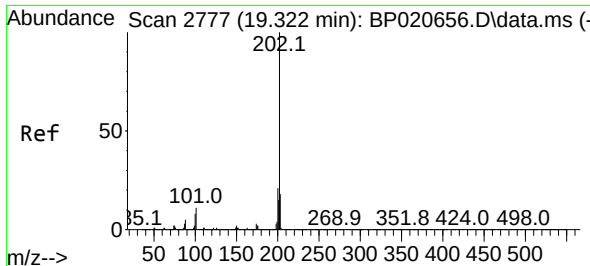
Delta R.T. -0.006 min

Lab File: BP020661.D

Acq: 27 Jun 2024 14:24

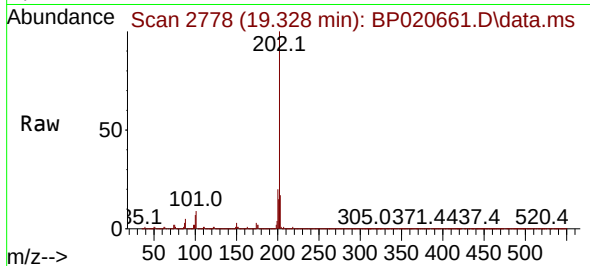
Tgt Ion:167	Resp: 96039
Ion Ratio	Lower Upper
167 100	
166 22.4	17.2 25.8
139 13.8	10.6 16.0





#80
Fluoranthene
Concen: 33.050 ng/u1
RT: 19.328 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

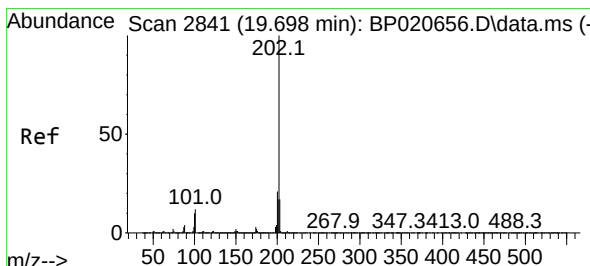
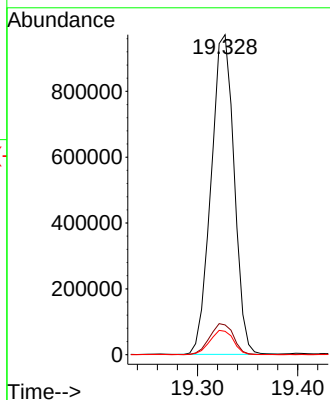
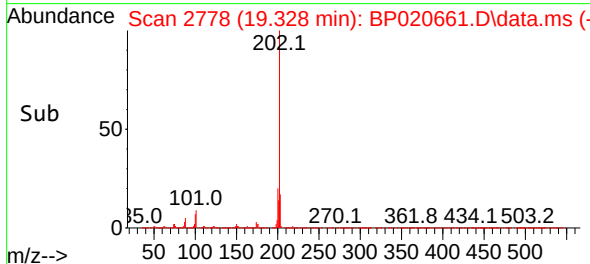
Instrument :
BNA_P
ClientSampleId :
A4B84



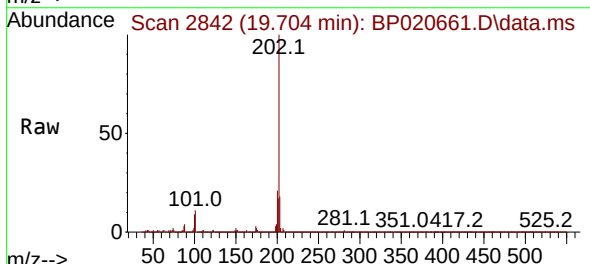
Tgt Ion:202 Resp: 155091
Ion Ratio Lower Upper
202 100
101 9.3 8.2 12.4
100 7.3 6.6 10.0

Manual Integrations
APPROVED

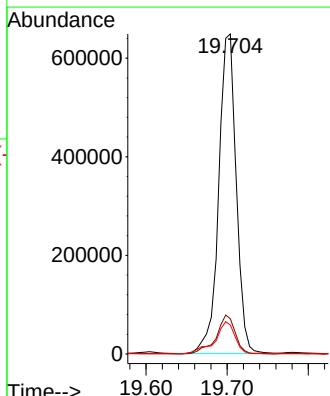
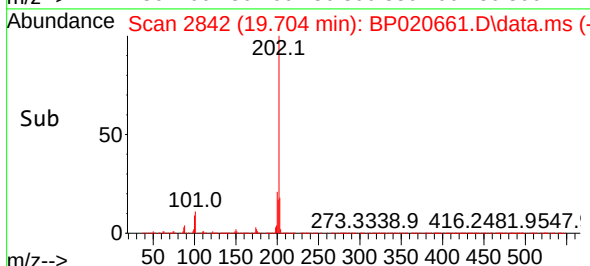
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

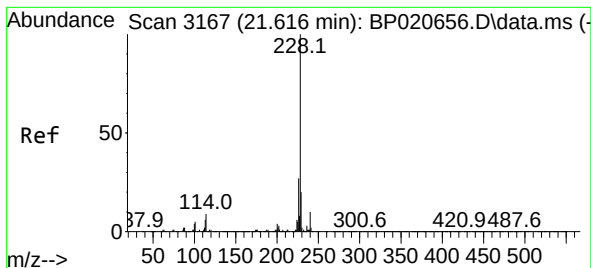


#82
Pyrene
Concen: 20.286 ng/u1
RT: 19.704 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24



Tgt Ion:202 Resp: 976285
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 9.1 7.9 11.9





#85

Benzo(a)anthracene

Concen: 12.902 ng/ul

RT: 21.627 min Scan# 3169

Delta R.T. 0.006 min

Lab File: BP020661.D

Acq: 27 Jun 2024 14:24

Instrument :

BNA_P

ClientSampleId :

A4B84

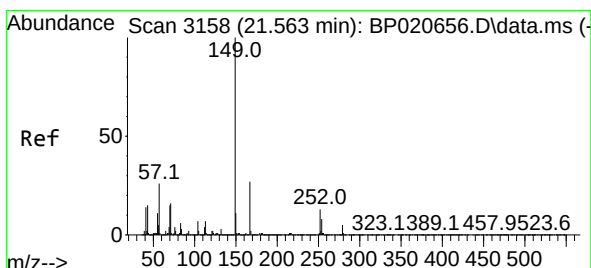
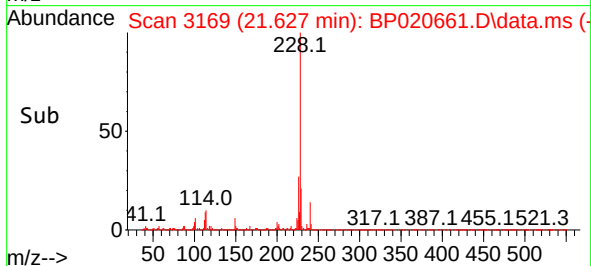
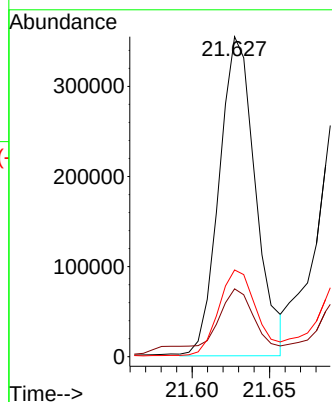
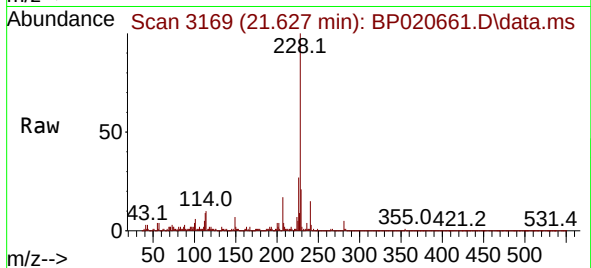
Tgt Ion:	228	Resp:	578270
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.2	22.8
226	27.1	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 710.845 ng/ul m

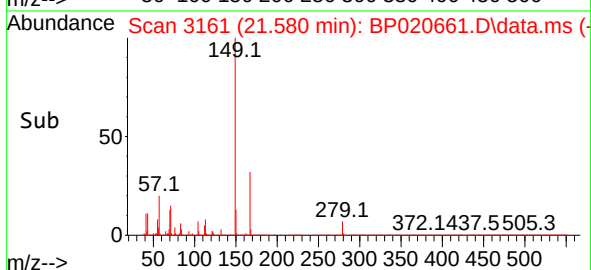
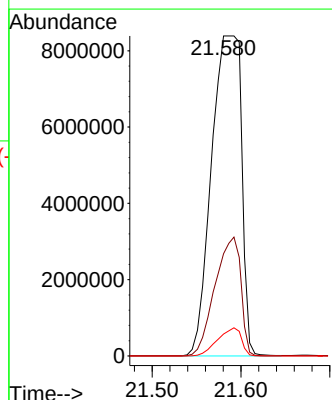
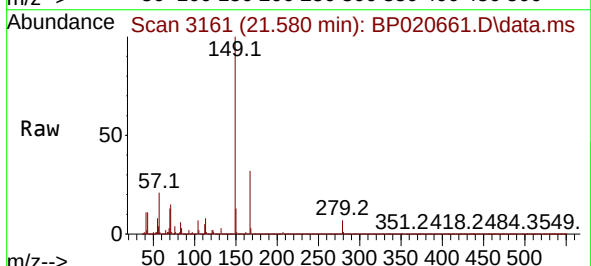
RT: 21.580 min Scan# 3161

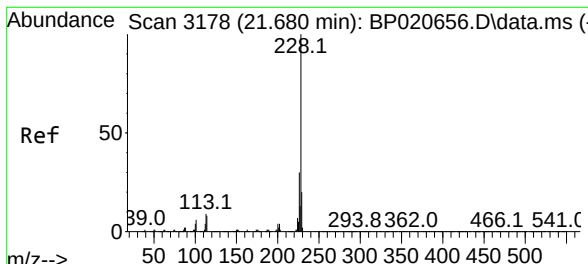
Delta R.T. 0.012 min

Lab File: BP020661.D

Acq: 27 Jun 2024 14:24

Tgt Ion:	149	Resp:	19723191
Ion Ratio	Lower	Upper	
149	100		
167	31.9	22.0	33.0
279	6.9	3.3	4.9





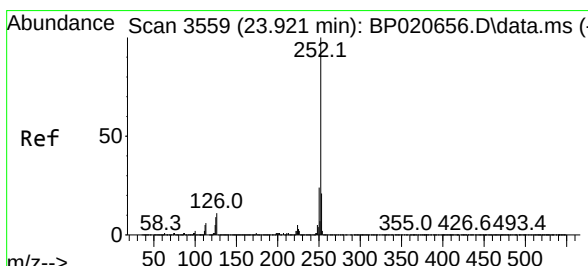
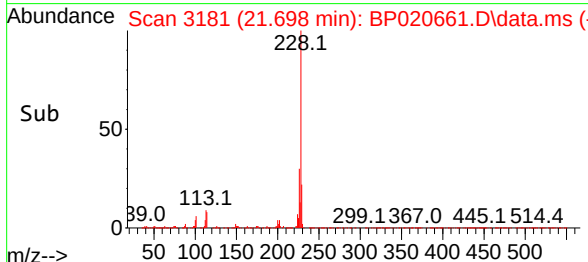
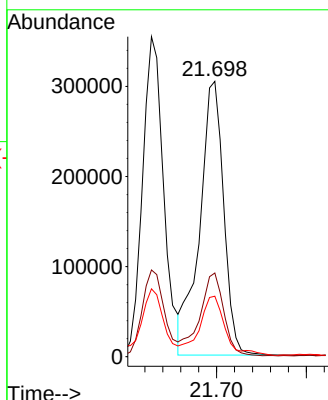
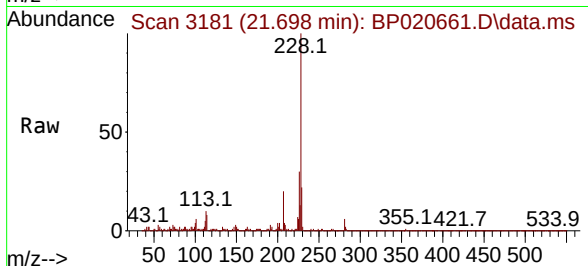
#87
Chrysene
Concen: 13.374 ng/ul
RT: 21.698 min Scan# 3178
Delta R.T. 0.006 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

Instrument :
BNA_P
ClientSampleId :
A4B84

Tgt Ion:	228	Resp:	56658
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.8	35.6
229	22.0	16.1	24.1

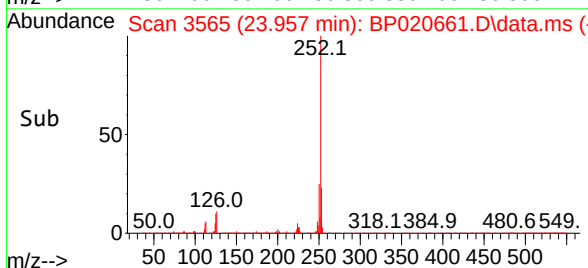
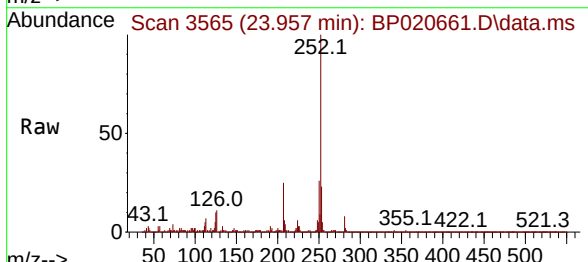
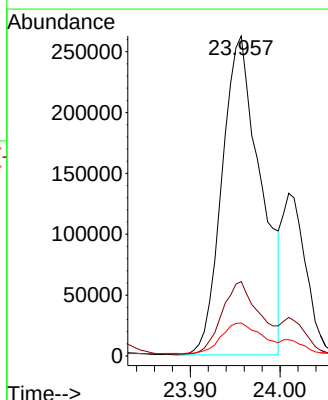
Manual Integrations
APPROVED

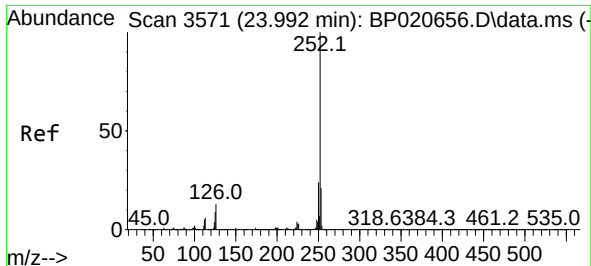
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#90
Benzo(b)fluoranthene
Concen: 15.063 ng/ul
RT: 23.957 min Scan# 3565
Delta R.T. 0.018 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

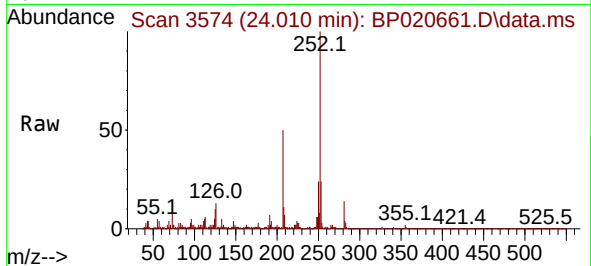
Tgt Ion:	252	Resp:	782975
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	10.3	7.9	11.9





#91
Benzo(k)fluoranthene
Concen: 4.510 ng/u1
RT: 24.010 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

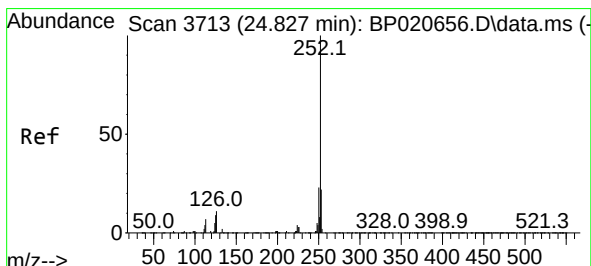
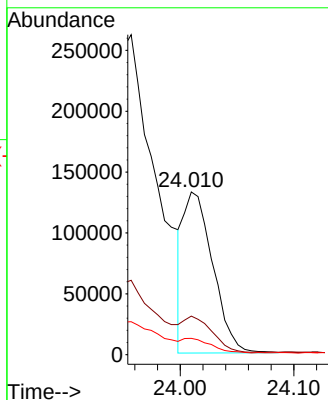
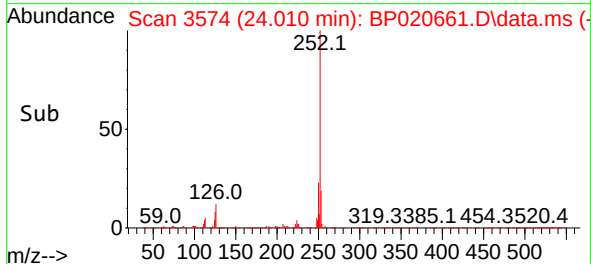
Instrument :
BNA_P
ClientSampleId :
A4B84



Tgt Ion:252 Resp: 23715
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.0 7.9 11.9

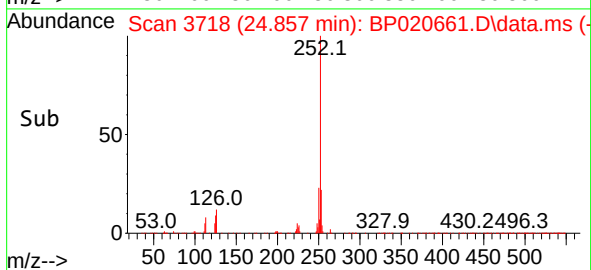
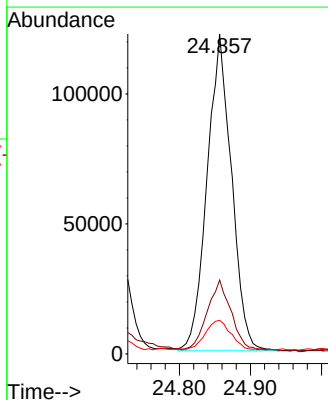
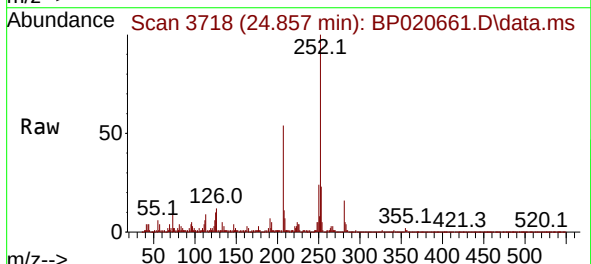
Manual Integrations
APPROVED

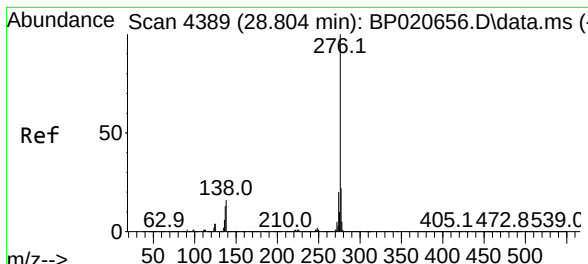
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#93
Benzo(a)pyrene
Concen: 5.924 ng/u1
RT: 24.857 min Scan# 3718
Delta R.T. 0.012 min
Lab File: BP020661.D
Acq: 27 Jun 2024 14:24

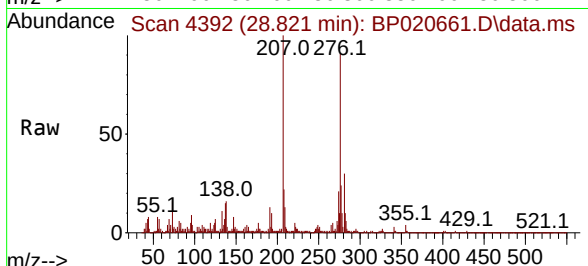
Tgt Ion:252 Resp: 290660
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.5 8.7 13.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.232 ng/ul
 RT: 28.821 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP020661.D
 Acq: 27 Jun 2024 14:24

Instrument :
 BNA_P
 ClientSampleId :
 A4B84

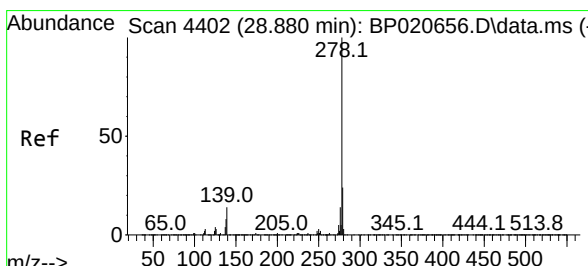
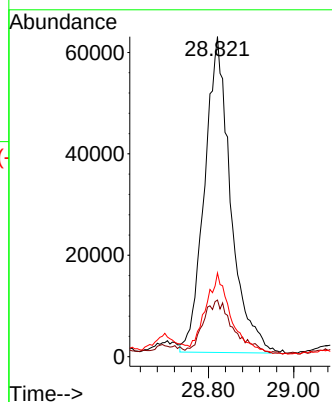
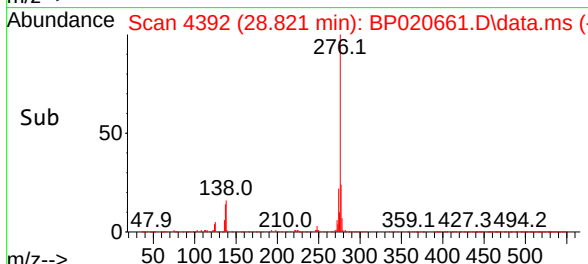


Tgt Ion: 276 Resp: 266364

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.2	22.8
277	26.2	19.0	28.4

Manual Integrations
 APPROVED

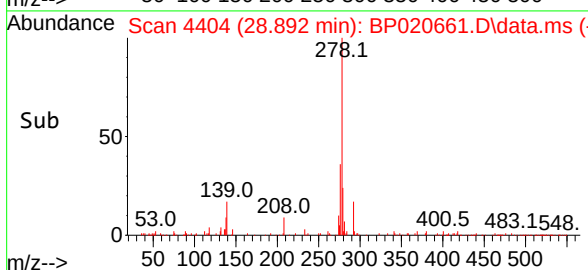
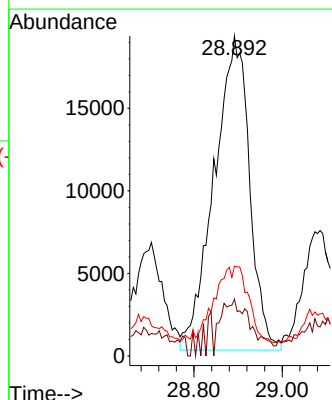
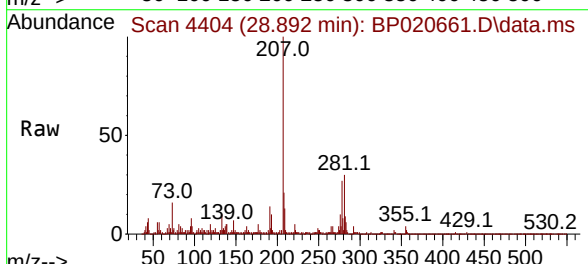
Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024



#95
 Dibenzo(a,h)anthracene
 Concen: 2.048 ng/ul m
 RT: 28.892 min Scan# 4404
 Delta R.T. -0.006 min
 Lab File: BP020661.D
 Acq: 27 Jun 2024 14:24

Tgt Ion: 278 Resp: 105944

Ion	Ratio	Lower	Upper
278	100		
139	17.8	11.1	16.7#
279	28.1	18.7	28.1#



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020661.D
 Acq On : 27 Jun 2024 14:24
 Operator : MA/JU
 Sample : P2909-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B84

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 14:54:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	206733	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	812623	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.381	164	484448	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.181	188	910784	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	639464	20.000	ng/u1	0.01
88) Perylene-d12	25.010	264	858005	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	20469	4.252	ng/uL	0.00
4) Pyridine-d5	3.693	84	49767	3.547	ng/u1	0.00
7) Phenol-d5	6.928	99	415251	24.490	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	258648	24.062	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	356009	25.690	ng/u1	0.00
15) 4-Methylphenol-d8	8.452	113	312523	22.694	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	168043	28.009	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	187876	31.292	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	329448	26.639	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	289742	16.717	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1001912	29.745	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1136189	28.269	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	113977	22.147	ng/u1	0.00
60) Fluorene-d10	15.387	176	833993	29.424	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	120291	26.208	ng/u1	0.01
73) Anthracene-d10	17.286	188	1131201	27.674	ng/u1	0.00
81) Pyrene-d10	19.669	212	989729	25.763	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	810368	19.416	ng/u1	0.03
Target Compounds					Qvalue	
52) Acenaphthene	14.440	153	61927	2.056	ng/u1	98
56) Dibenzofuran	14.787	168	50437	1.243	ng/u1	96
61) Fluorene	15.445	166	71720	2.200	ng/u1	98
72) Phenanthrene	17.228	178	1192349	25.000	ng/u1	99
74) Anthracene	17.322	178	253391	5.165	ng/u1	99
77) Carbazole	17.598	167	96039	2.372	ng/u1	98
80) Fluoranthene	19.328	202	1550917	33.050	ng/u1	97
82) Pyrene	19.704	202	976285	20.286	ng/u1	97
85) Benzo(a)anthracene	21.627	228	578276	12.902	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.580	149	19723191m	710.845	ng/u1	
87) Chrysene	21.698	228	566587	13.374	ng/u1	98
90) Benzo(b)fluoranthene	23.957	252	782975	15.063	ng/u1	98
91) Benzo(k)fluoranthene	24.010	252	237157	4.510	ng/u1	97
93) Benzo(a)pyrene	24.857	252	290660	5.924	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.821	276	266364	4.232	ng/u1	96
95) Dibenzo(a,h)anthracene	28.892	278	105944m	2.048	ng/u1	

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