

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018015.D
 Acq On : 10 Nov 2023 06:51
 Operator : MA/JU
 Sample : 05091-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK10

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 07:24:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	76675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	312603	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	196127	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	455654	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	507088	20.000	ng/u1	-0.01
88) Perylene-d12	23.951	264	560046	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	4829	2.156	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.028	99	89688	12.447	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	56193	12.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	71935	12.477	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	60304	10.434	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	34781	12.424	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	40041	12.852	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	68689	12.307	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	35515	4.643	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	252895	14.027	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	265957	13.760	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	24248m	9.183	ng/u1	0.01
60) Fluorene-d10	15.539	176	217533	14.557	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	31686	9.959	ng/u1	0.00
73) Anthracene-d10	17.416	188	350409	14.352	ng/u1	0.00
81) Pyrene-d10	19.669	212	485069	14.863	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	470804	14.463	ng/u1	-0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.269	152	39771	1.797	ng/u1	97
52) Acenaphthene	14.604	153	15625	1.062	ng/u1	97
61) Fluorene	15.598	166	22013	1.286	ng/u1	92
72) Phenanthrene	17.357	178	119093	4.199	ng/u1	99
74) Anthracene	17.451	178	260186	9.074	ng/u1	99
80) Fluoranthene	19.339	202	646535	17.116	ng/u1	100
82) Pyrene	19.698	202	689393	17.268	ng/u1	97
85) Benzo(a)anthracene	21.427	228	334474	8.205	ng/u1	98
87) Chrysene	21.480	228	447940m	11.666	ng/u1	
90) Benzo(b)fluoranthene	23.174	252	649119	16.127	ng/u1	98
91) Benzo(k)fluoranthene	23.221	252	165809m	4.127	ng/u1	
93) Benzo(a)pyrene	23.839	252	247566	6.525	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.609	276	258272	5.743	ng/u1	98
95) Dibenzo(a,h)anthracene	26.627	278	59668	1.605	ng/u1#	77
96) Benzo(g,h,i)perylene	27.445	276	246197	6.861	ng/u1	100

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

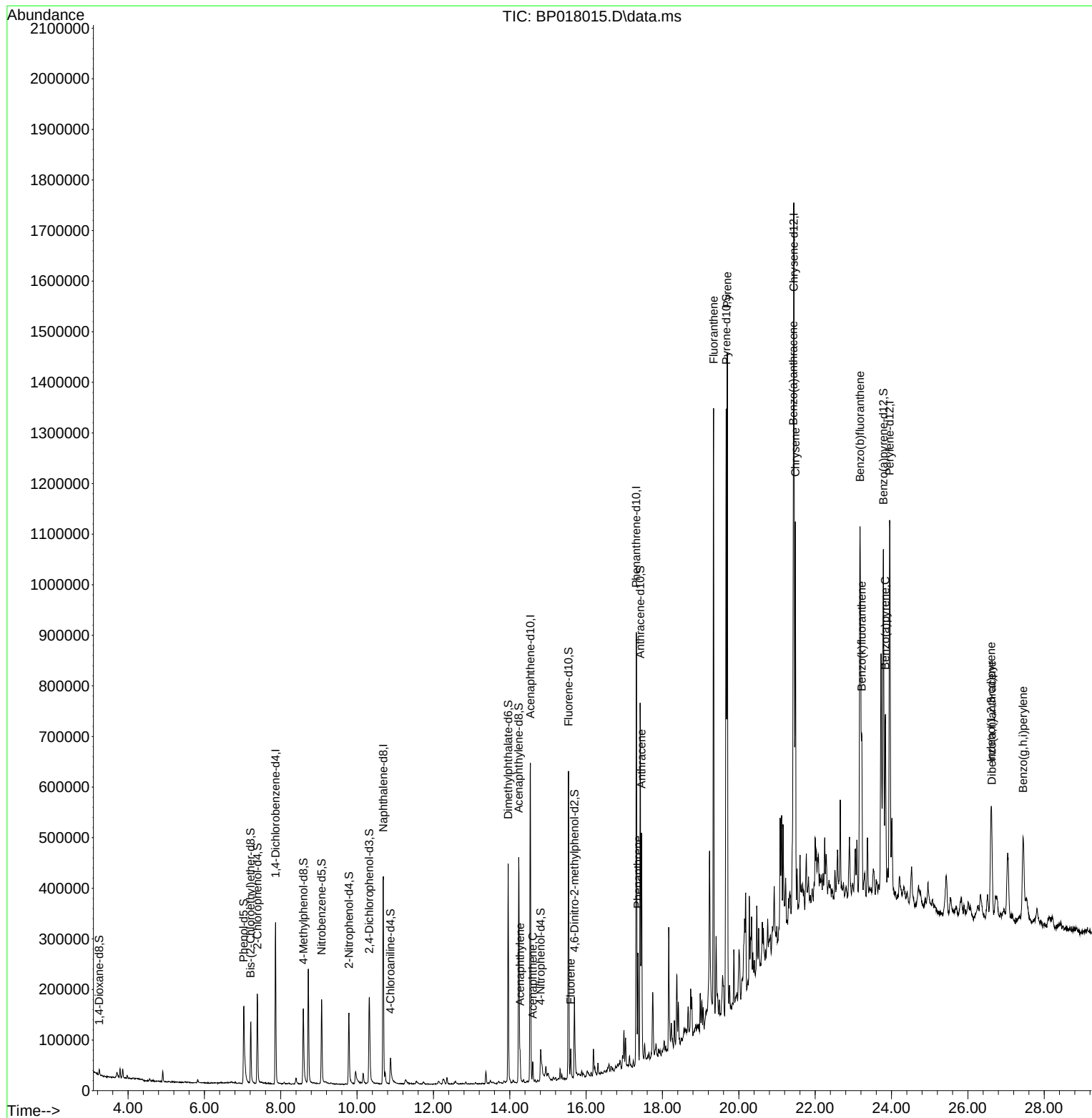
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018015.D
Acq On : 10 Nov 2023 06:51
Operator : MA/JU
Sample : 05091-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

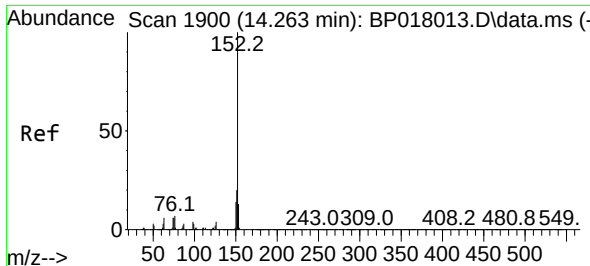
Instrument :
BNA_P
ClientSampleId :
DCK10

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Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

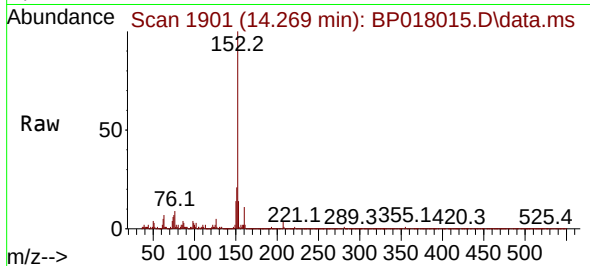
Quant Time: Nov 10 07:24:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.797 ng/ul
RT: 14.269 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

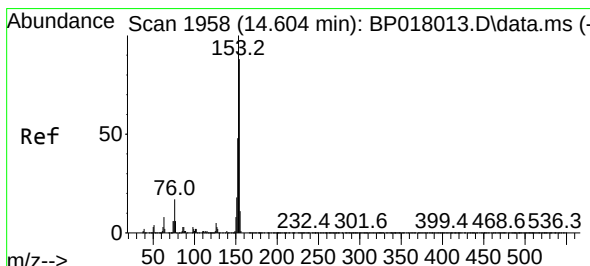
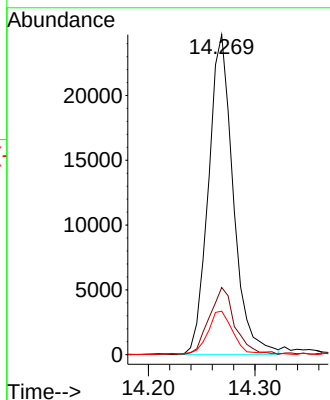
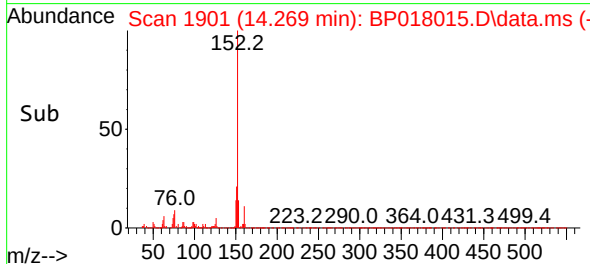
Instrument :
BNA_P
ClientSampleId :
DCK10



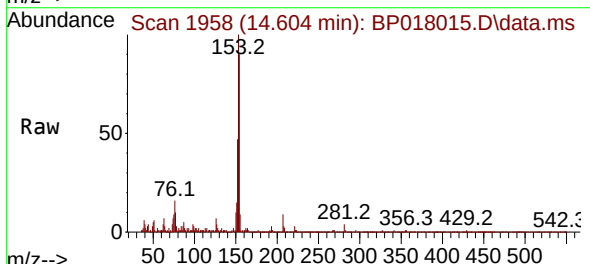
Tgt Ion:152 Resp: 3977
Ion Ratio Lower Upper
152 100
151 21.0 15.5 23.3
153 13.6 10.3 15.5

Manual Integrations
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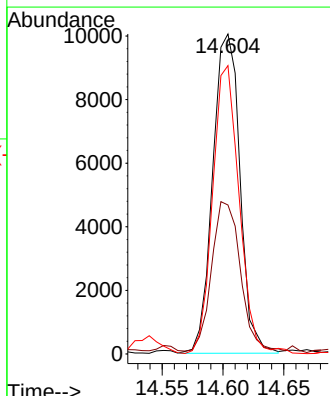
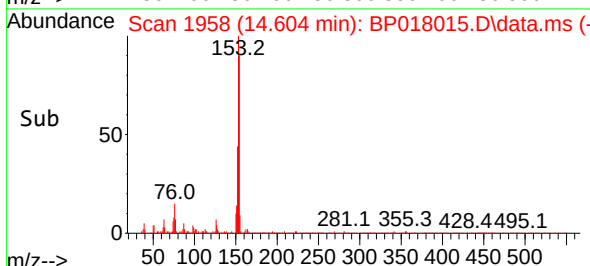
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

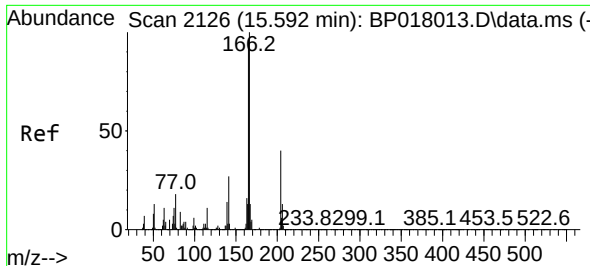


#52
Acenaphthene
Concen: 1.062 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51



Tgt Ion:153 Resp: 15625
Ion Ratio Lower Upper
153 100
152 46.6 38.2 57.2
154 90.1 68.8 103.2





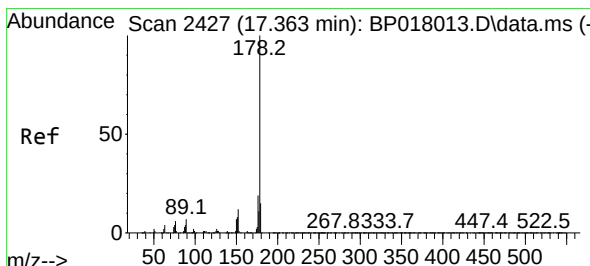
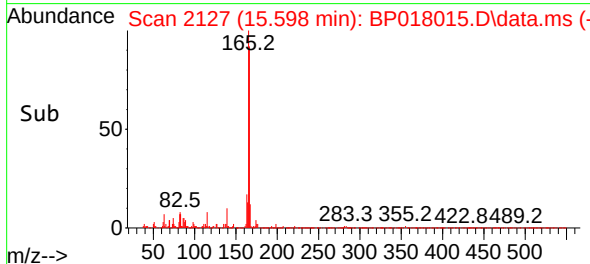
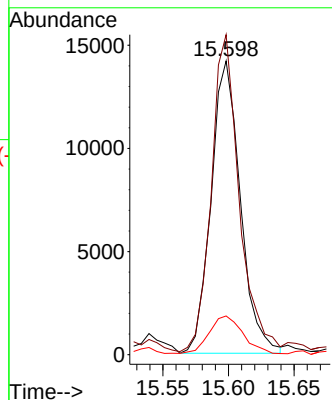
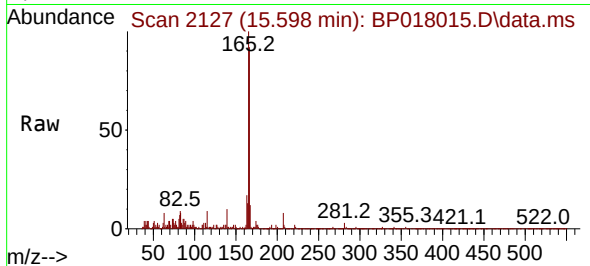
#61
Fluorene
Concen: 1.286 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

Instrument :
BNA_P
ClientSampleId :
DCK10

Tgt Ion:166 Resp: 2201
Ion Ratio Lower Upper
166 100
165 108.9 80.2 120.2
167 13.2 11.0 16.4

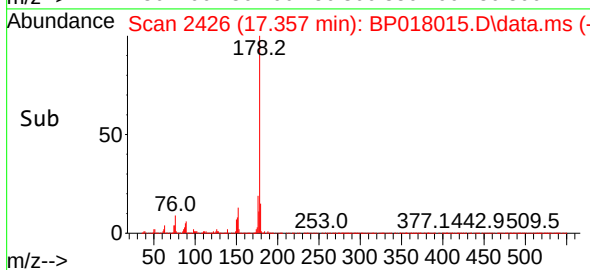
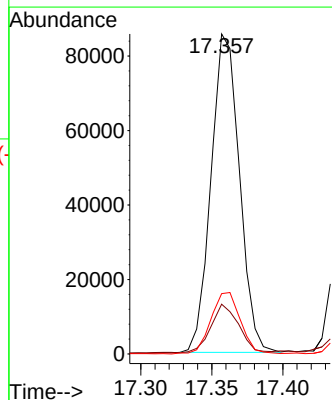
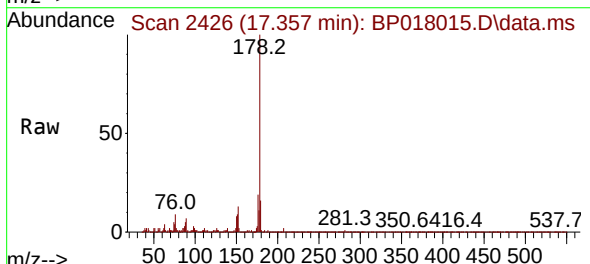
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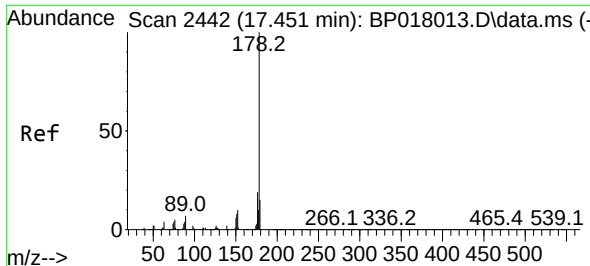
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#72
Phenanthrene
Concen: 4.199 ng/ul
RT: 17.357 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

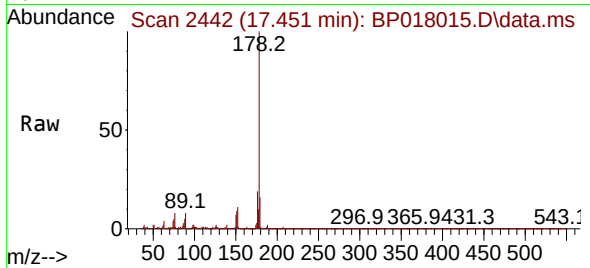
Tgt Ion:178 Resp: 119093
Ion Ratio Lower Upper
178 100
179 15.6 11.6 17.4
176 18.9 15.1 22.7





#74
 Anthracene
 Concen: 9.074 ng/ul
 RT: 17.451 min Scan# 2442
 Delta R.T. -0.006 min
 Lab File: BP018015.D
 Acq: 10 Nov 2023 06:51

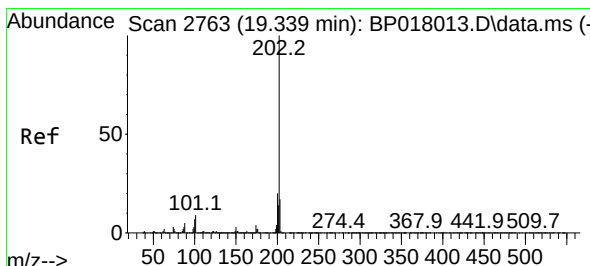
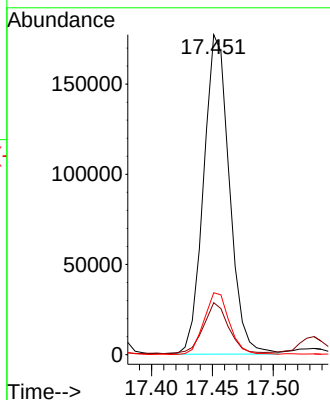
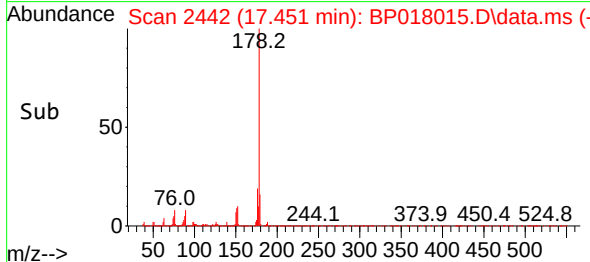
Instrument :
 BNA_P
 ClientSampleId :
 DCKI0



Tgt Ion:178 Resp: 260180
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.9 19.3
 176 19.4 15.1 22.7

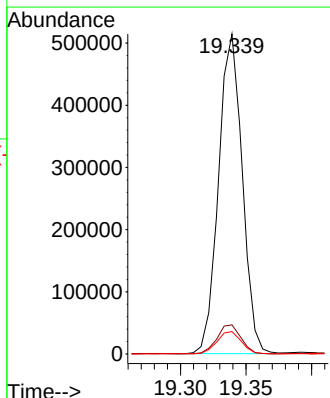
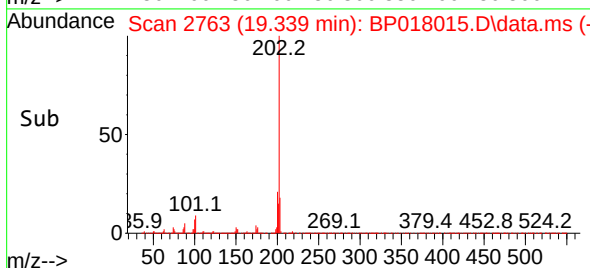
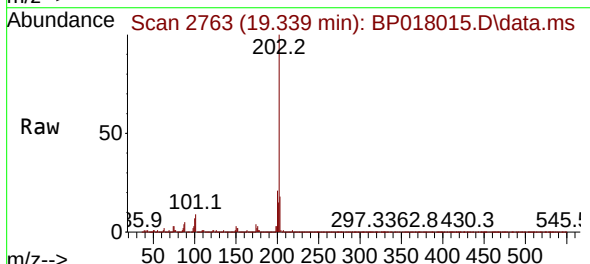
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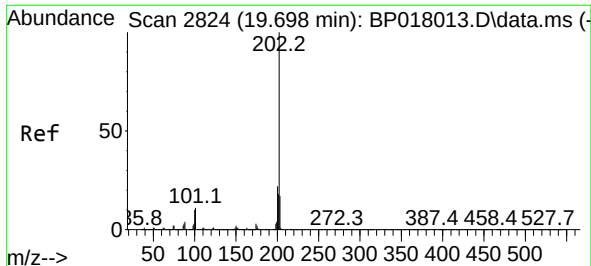
Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



#80
 Fluoranthene
 Concen: 17.116 ng/ul
 RT: 19.339 min Scan# 2763
 Delta R.T. -0.006 min
 Lab File: BP018015.D
 Acq: 10 Nov 2023 06:51

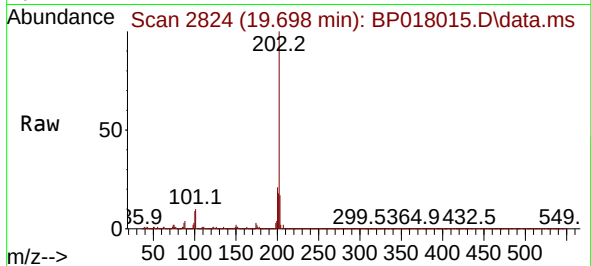
Tgt Ion:202 Resp: 646535
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.4 11.0
 100 7.0 5.8 8.6





#82
Pyrene
Concen: 17.268 ng/ul
RT: 19.698 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

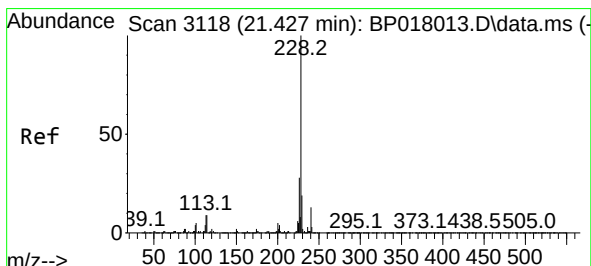
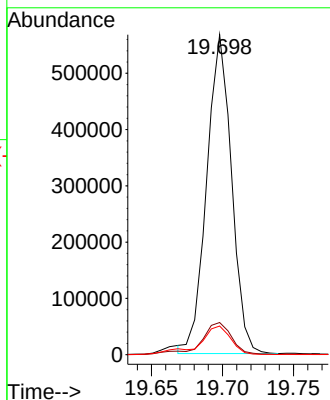
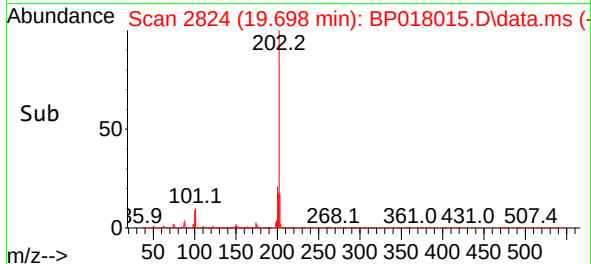
Instrument :
BNA_P
ClientSampleId :
DCK10



Tgt Ion:202 Resp: 68939
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.4
100 9.0 7.8 11.8

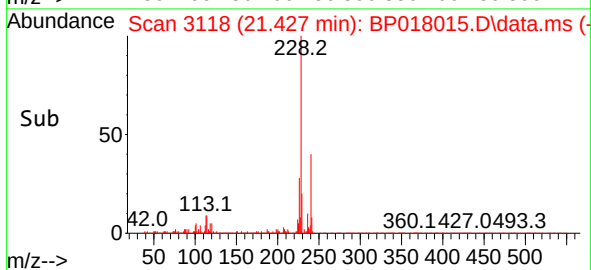
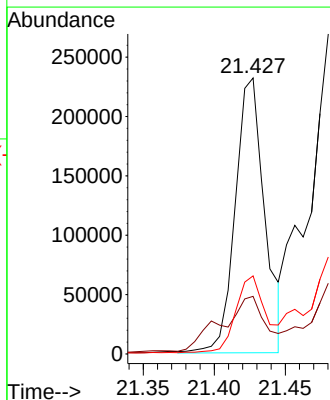
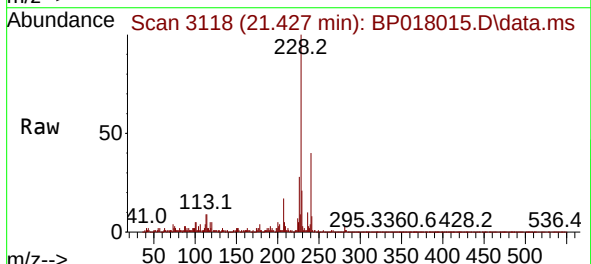
Manual Integrations
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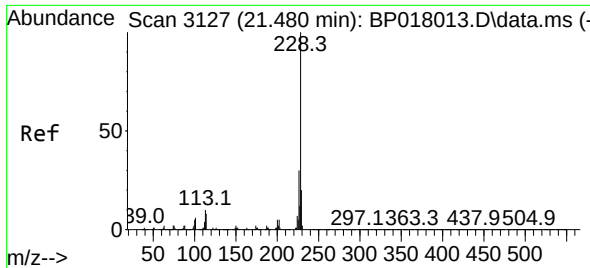
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#85
Benzo(a)anthracene
Concen: 8.205 ng/ul
RT: 21.427 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

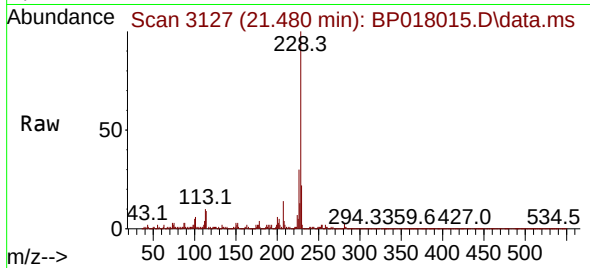
Tgt Ion:228 Resp: 334474
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.3 22.3 33.5





#87
Chrysene
Concen: 11.666 ng/ul m
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

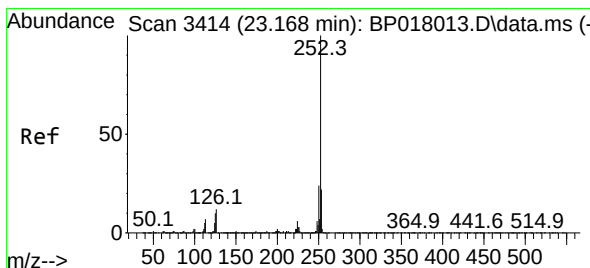
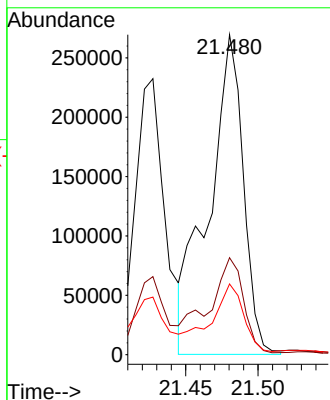
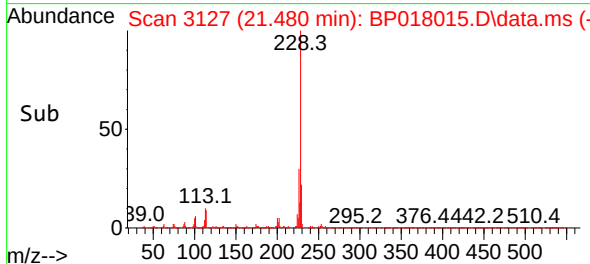
Instrument :
BNA_P
ClientSampleId :
DCK10



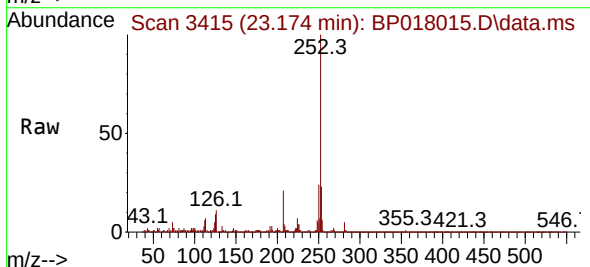
Tgt Ion:228 Resp: 447940
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.1 15.4 23.0

Manual Integrations
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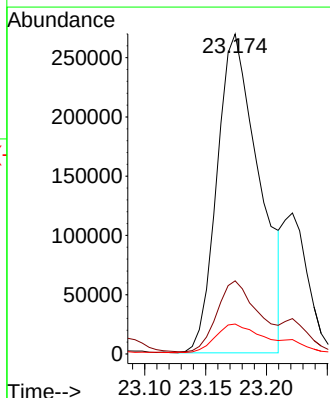
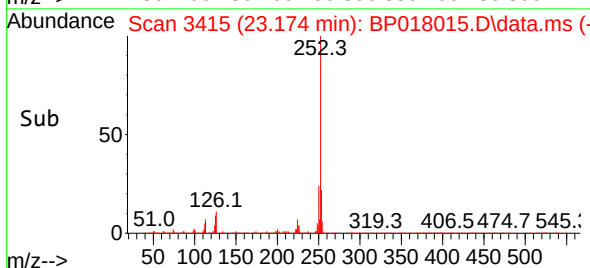
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

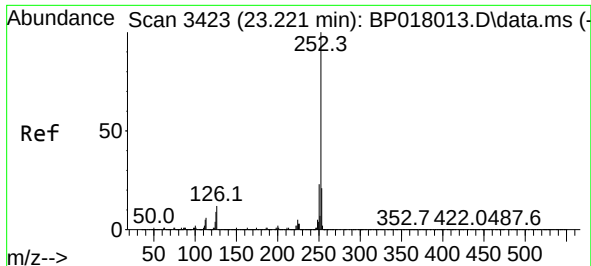


#90
Benzo(b)fluoranthene
Concen: 16.127 ng/ul
RT: 23.174 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51



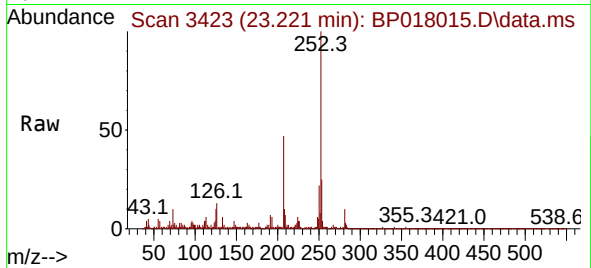
Tgt Ion:252 Resp: 649119
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 9.3 7.4 11.2





#91
Benzo(k)fluoranthene
Concen: 4.127 ng/ul m
RT: 23.221 min Scan# 3423
Delta R.T. -0.012 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

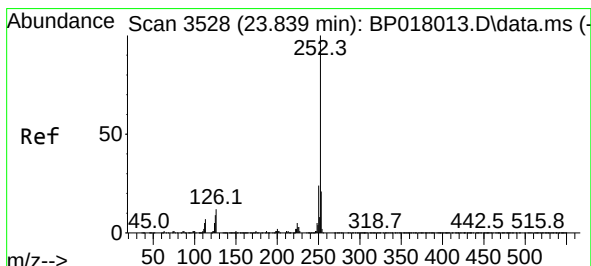
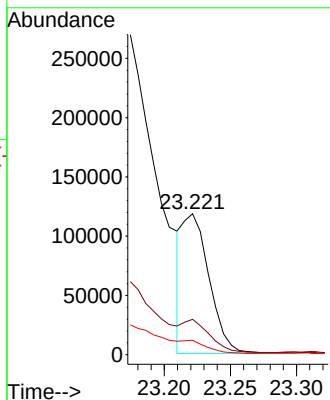
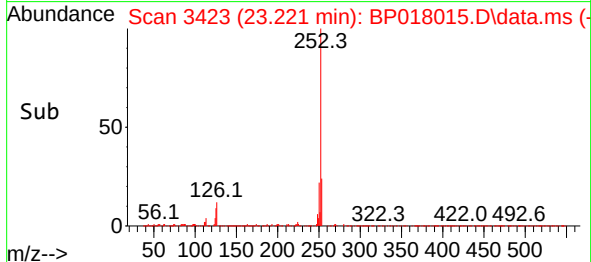
Instrument :
BNA_P
ClientSampleId :
DCK10



Tgt Ion:252 Resp: 165809
Ion Ratio Lower Upper
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125 10.2 7.4 11.2

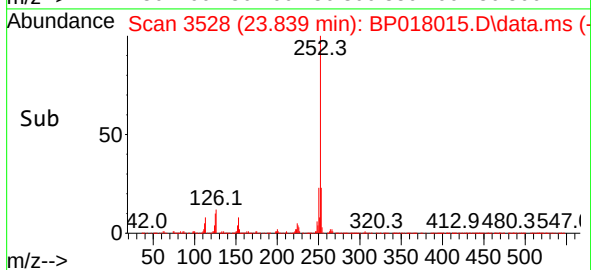
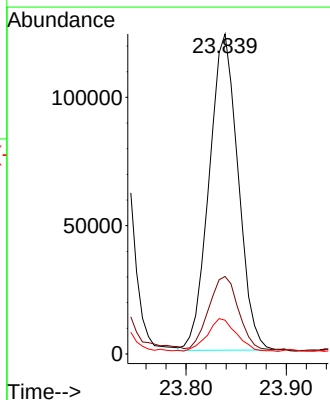
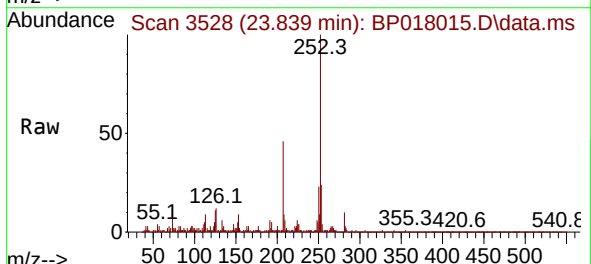
Manual Integrations
APPROVED

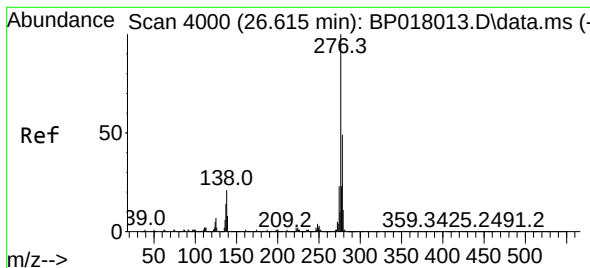
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#93
Benzo(a)pyrene
Concen: 6.525 ng/ul
RT: 23.839 min Scan# 3528
Delta R.T. -0.012 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

Tgt Ion:252 Resp: 247566
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 10.6 7.8 11.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.743 ng/ul

RT: 26.609 min Scan# 3999

Delta R.T. -0.024 min

Lab File: BP018015.D

Acq: 10 Nov 2023 06:51

Instrument :

BNA_P

ClientSampleId :

DCK10

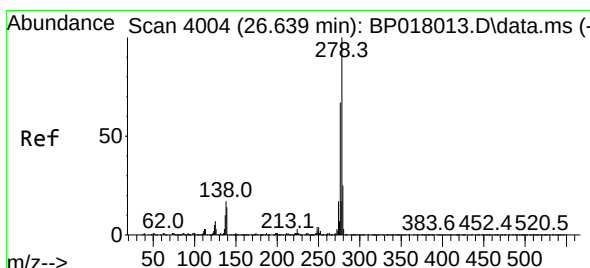
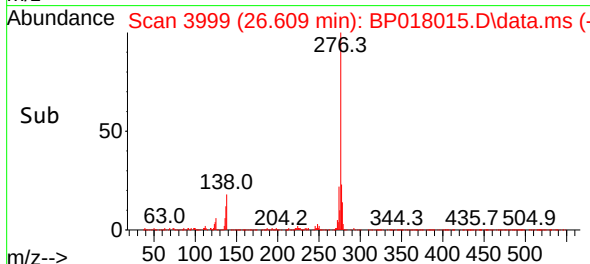
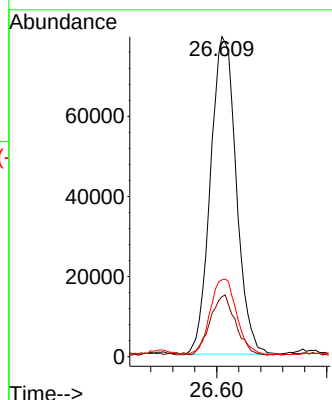
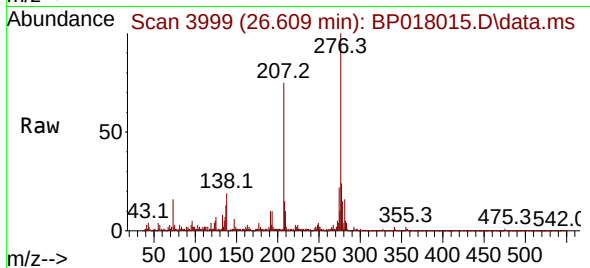
Tgt Ion:	276	Resp:	25827
Ion Ratio	Lower	Upper	
276	100		
138	18.8	16.2	24.4
277	24.0	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.605 ng/ul

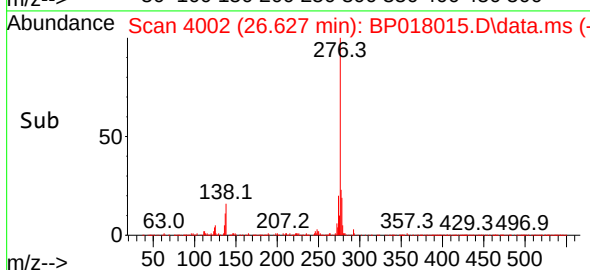
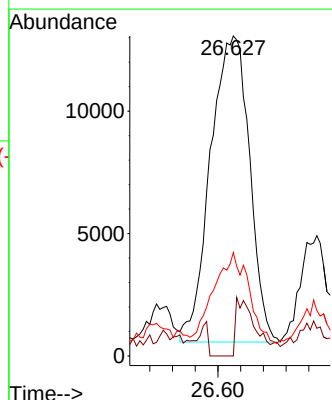
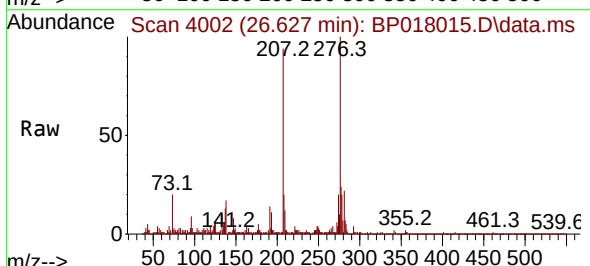
RT: 26.627 min Scan# 4002

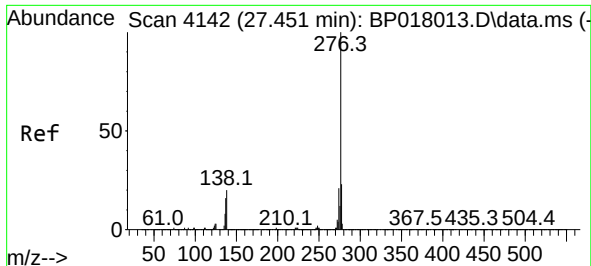
Delta R.T. -0.030 min

Lab File: BP018015.D

Acq: 10 Nov 2023 06:51

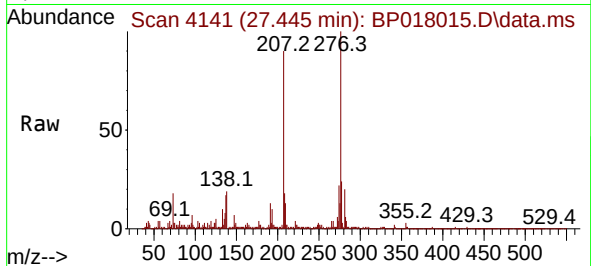
Tgt Ion:	278	Resp:	59668
Ion Ratio	Lower	Upper	
278	100		
139	0.0	11.9	17.9#
279	32.3	19.7	29.5#





#96
Benzo(g,h,i)perylene
Concen: 6.861 ng/ul
RT: 27.445 min Scan# 4141
Delta R.T. -0.024 min
Lab File: BP018015.D
Acq: 10 Nov 2023 06:51

Instrument :
BNA_P
ClientSampleId :
DCKI0



Tgt Ion:276 Resp: 24619
Ion Ratio Lower Upper
276 100
138 18.6 15.0 22.6
277 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

