

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018476.D
 Acq On : 01 Dec 2023 15:05
 Operator : MA/JU
 Sample : 05416-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AK2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 15:42:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 15:19:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	15258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	67712	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	46775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.240	188	103153	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	68175	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	61265m	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	43456	97.054	ng/uL	0.00
4) Pyridine-d5	3.693	84	599449	499.824	ng/u1	0.00
7) Phenol-d5	7.028	99	847477	553.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	524328	577.758	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	639804	535.495	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	600479	484.581	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	337843	560.588	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	362815	580.674	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	722742	565.695	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	723984	433.602	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2656478	636.327	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	2808277	610.903	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	416924	608.414	ng/u1	0.00
60) Fluorene-d10	15.487	176	2228833	636.038	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	320056	517.465	ng/u1	0.00
73) Anthracene-d10	17.340	188	2867363	528.747	ng/u1	0.00
81) Pyrene-d10	19.575	212	3644486	686.748	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	2333077m	653.123	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.058	94	10495	6.989	ng/u1	94
30) Naphthalene	10.710	128	19533	4.755	ng/u1	94
36) 2-Methylnaphthalene	12.322	142	25109	8.628	ng/u1	96
37) 1-Methylnaphthalene	12.540	142	22135	7.532	ng/u1	98
43) 1,1'-Biphenyl	13.328	154	6454	1.595	ng/u1#	91
56) Dibenzofuran	14.893	168	17703	3.727	ng/u1	97
59) Diethylphthalate	15.316	149	4334	1.078	ng/u1#	89
72) Phenanthrene	17.281	178	56784	9.115	ng/u1	99
78) Di-n-butylphthalate	18.204	149	19696	2.972	ng/u1#	97
80) Fluoranthene	19.251	202	8338	1.329	ng/u1#	86
82) Pyrene	19.604	202	7815	1.235	ng/u1#	94
87) Chrysene	21.357	228	11034	2.165	ng/u1#	87

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

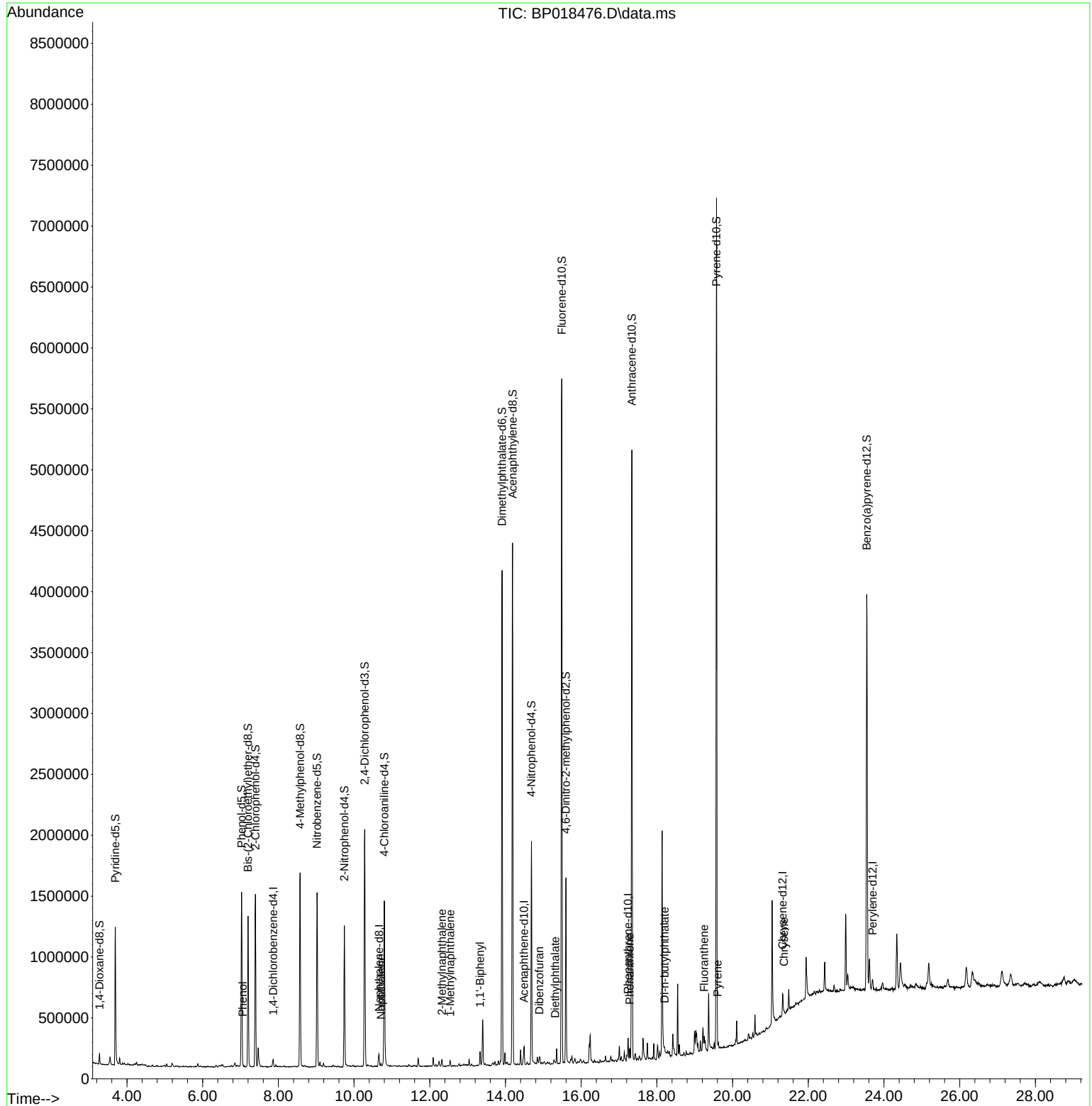
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018476.D
Acq On : 01 Dec 2023 15:05
Operator : MA/JU
Sample : 05416-06
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ALS Vial : 4 Sample Multiplier: 1

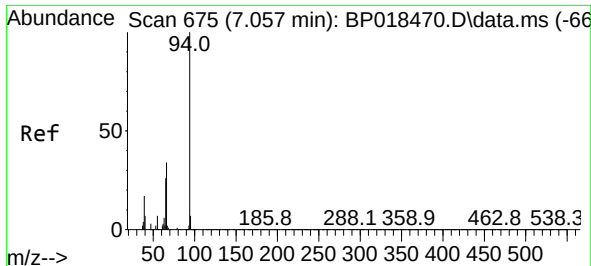
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Dec 01 15:42:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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APPROVED

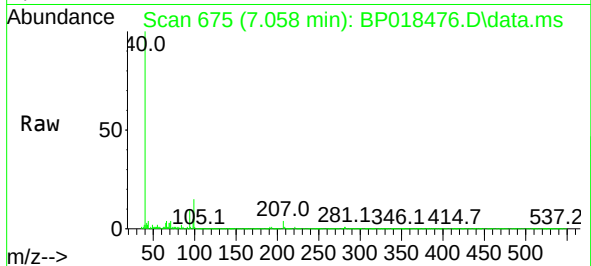
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023





#8
Phenol
Concen: 6.989 ng/ul
RT: 7.058 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05

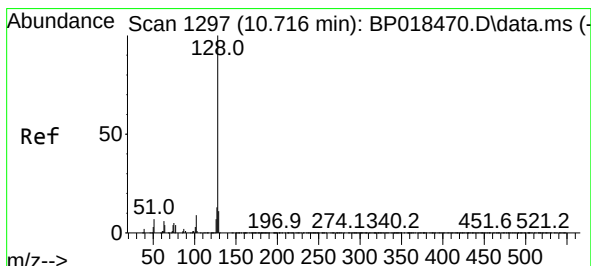
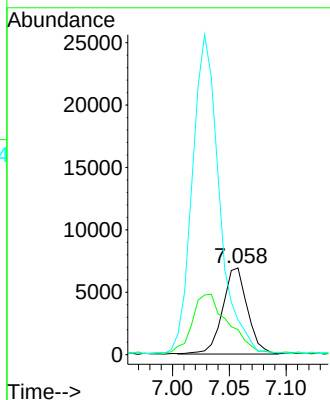
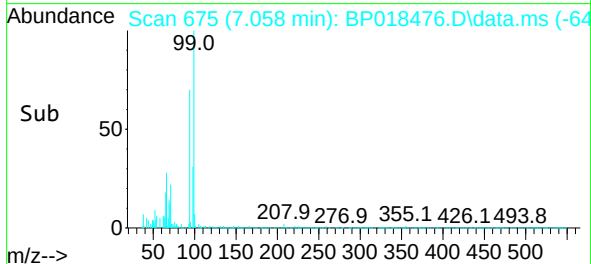
Instrument :
BNA_P
ClientSampleId :
C0AK2



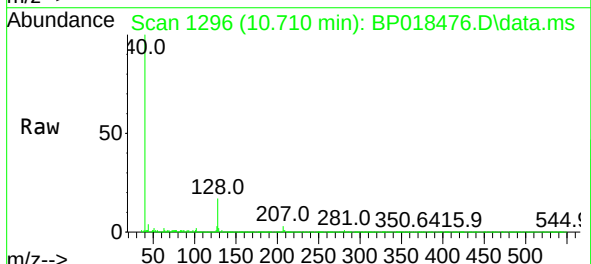
Tgt Ion: 94 Resp: 1049
Ion Ratio Lower Upper
94 100
65 29.0 21.0 31.6
66 40.0 28.6 43.0

Manual Integrations
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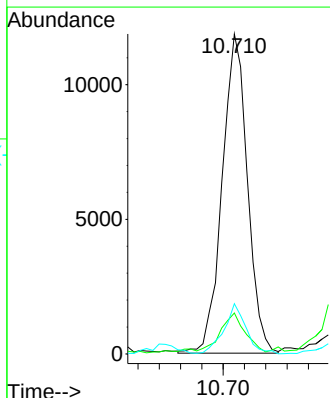
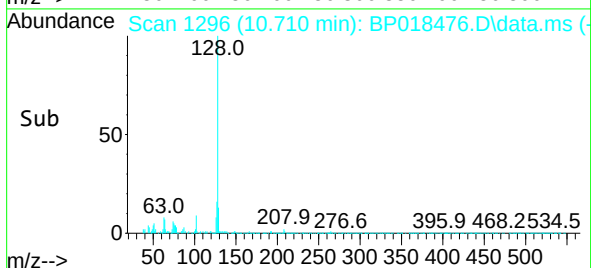
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

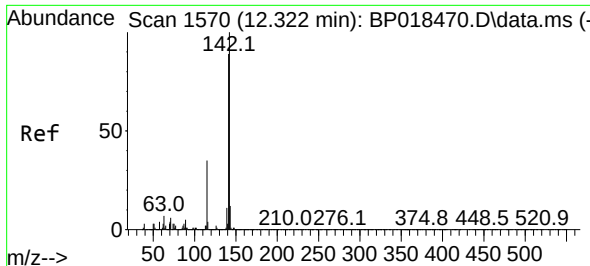


#30
Naphthalene
Concen: 4.755 ng/ul
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05



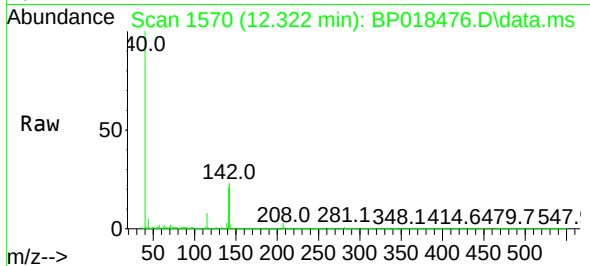
Tgt Ion:128 Resp: 19533
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 15.7 10.5 15.7





#36
2-Methylnaphthalene
Concen: 8.628 ng/ul
RT: 12.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05

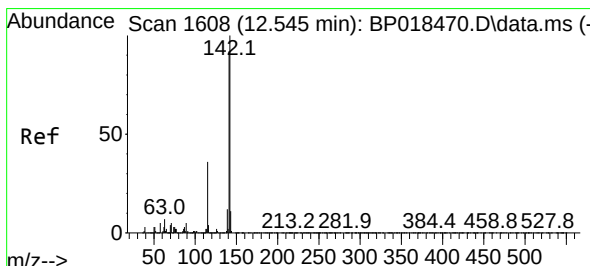
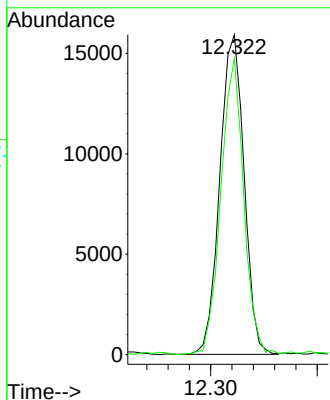
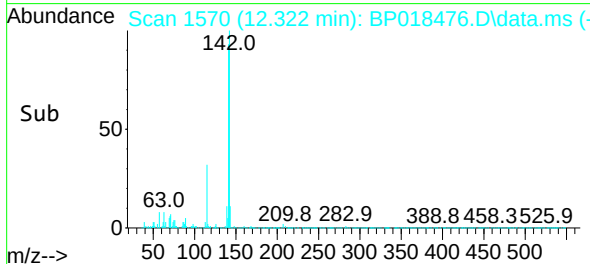
Instrument :
BNA_P
ClientSampleId :
C0AK2



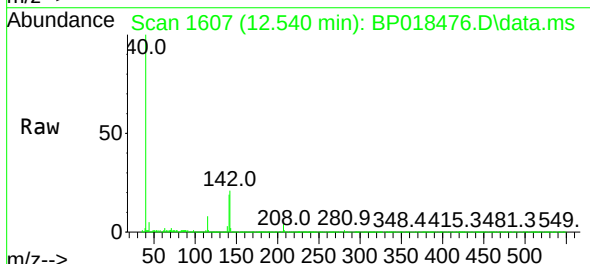
Tgt Ion:142 Resp: 25109
Ion Ratio Lower Upper
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141 92.6 71.4 107.0

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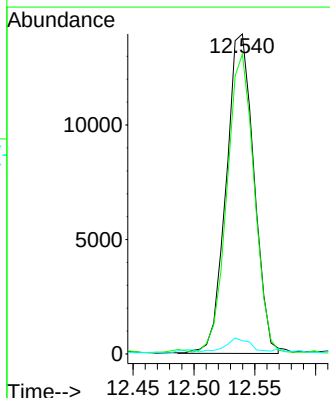
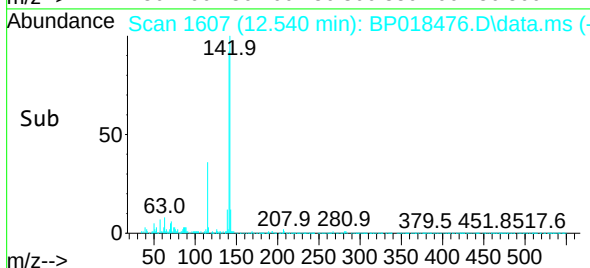
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

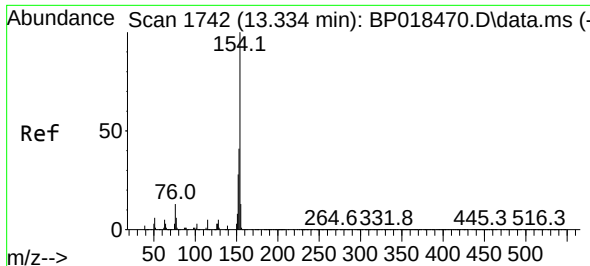


#37
1-Methylnaphthalene
Concen: 7.532 ng/ul
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05



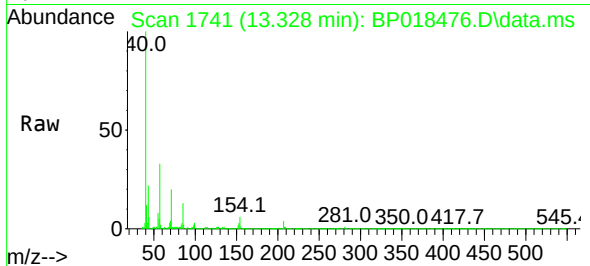
Tgt Ion:142 Resp: 22135
Ion Ratio Lower Upper
142 100
141 93.7 73.5 110.3
116 4.2 2.8 4.2





#43
1,1'-Biphenyl
Concen: 1.595 ng/ul
RT: 13.328 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05

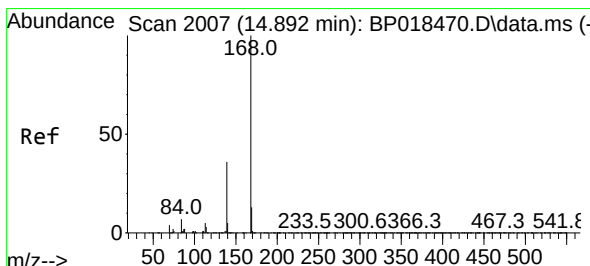
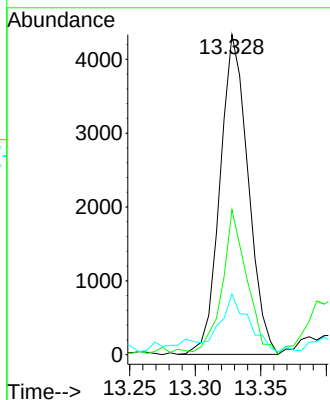
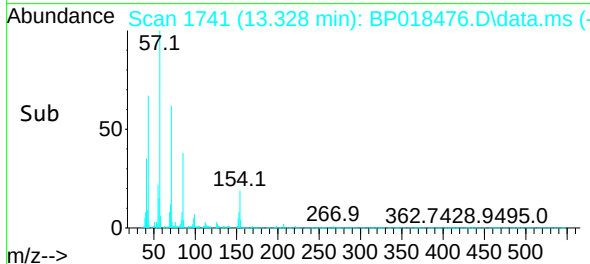
Instrument :
BNA_P
ClientSampleId :
C0AK2



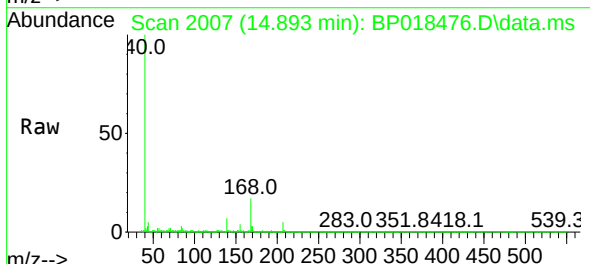
Tgt Ion:154 Resp: 6454
Ion Ratio Lower Upper
154 100
153 45.3 32.8 49.2
76 18.9 10.7 16.1

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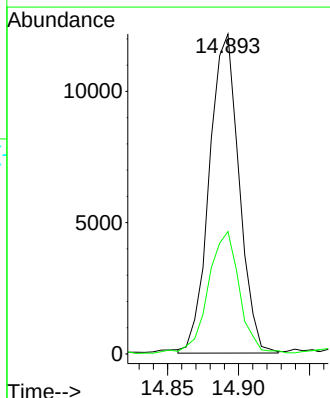
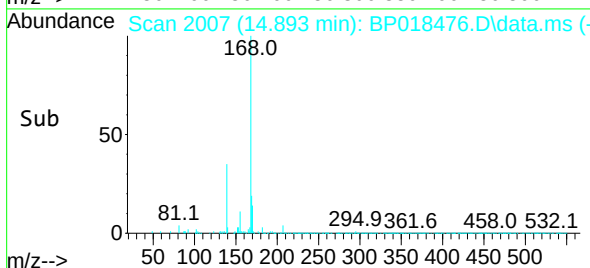
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

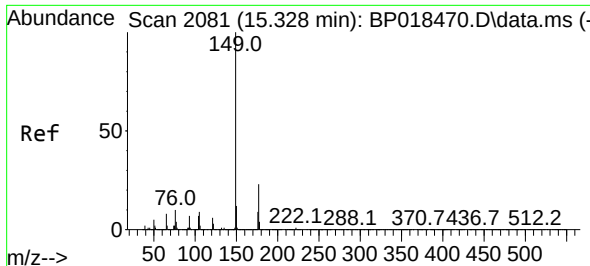


#56
Dibenzofuran
Concen: 3.727 ng/ul
RT: 14.893 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05



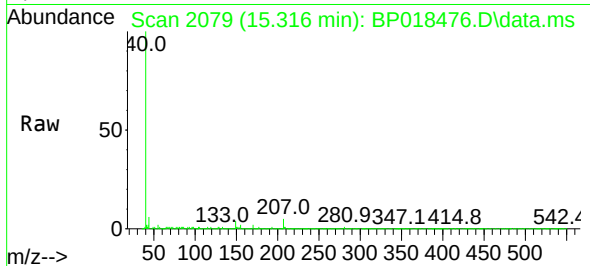
Tgt Ion:168 Resp: 17703
Ion Ratio Lower Upper
168 100
139 38.2 29.1 43.7





#59
Diethylphthalate
Concen: 1.078 ng/ul
RT: 15.316 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05

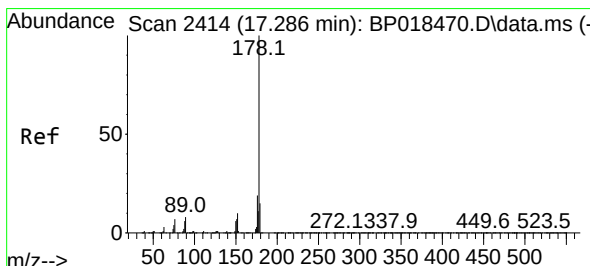
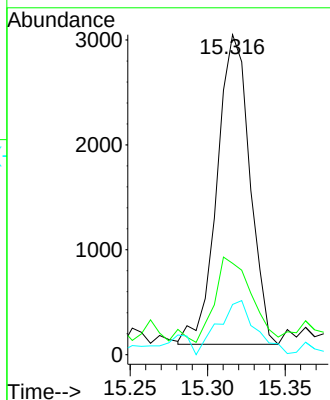
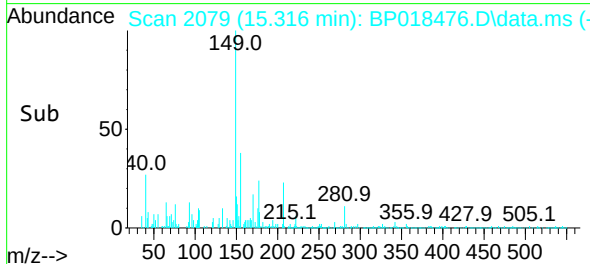
Instrument :
BNA_P
ClientSampleId :
C0AK2



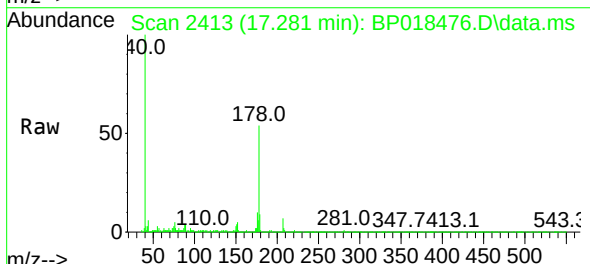
Tgt Ion:149 Resp: 4334
Ion Ratio Lower Upper
149 100
177 28.5 18.2 27.4
150 15.7 9.9 14.9

Manual Integrations
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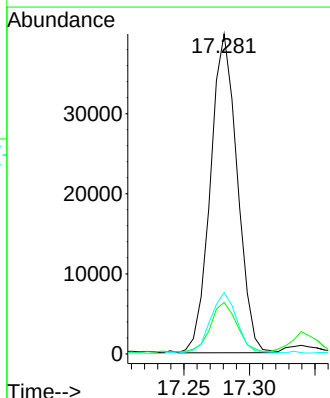
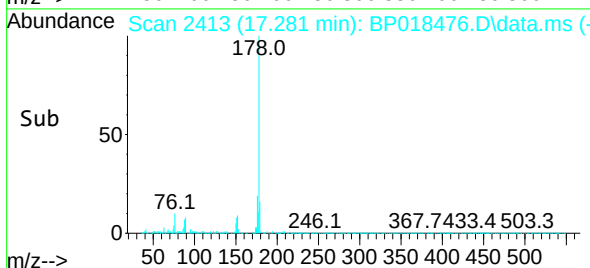
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

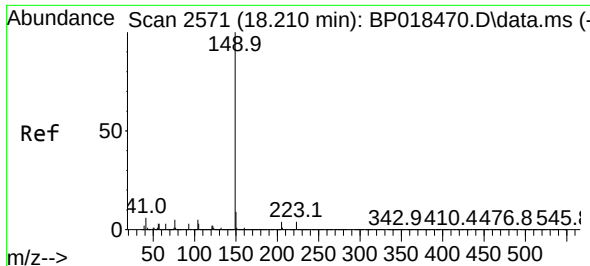


#72
Phenanthrene
Concen: 9.115 ng/ul
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05



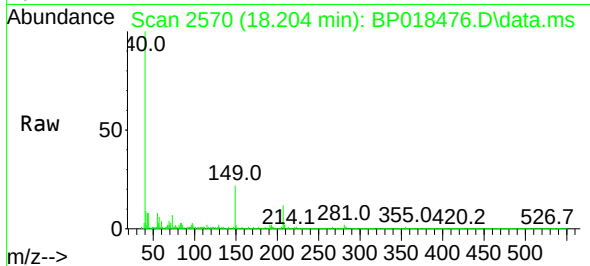
Tgt Ion:178 Resp: 56784
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 19.2 15.4 23.2





#78
Di-n-butylphthalate
Concen: 2.972 ng/ul
RT: 18.204 min Scan# 21969
Delta R.T. -0.006 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05

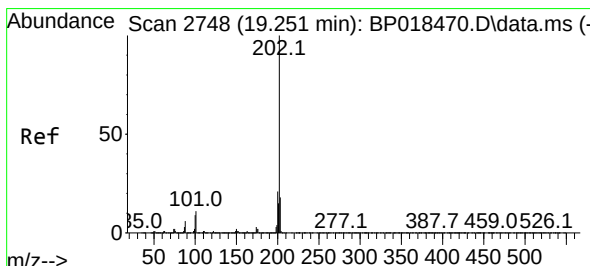
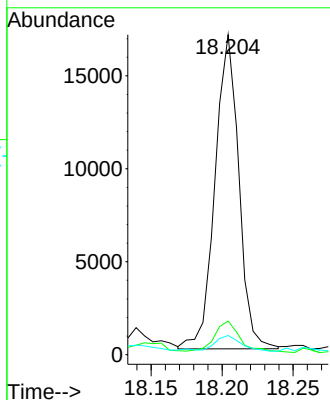
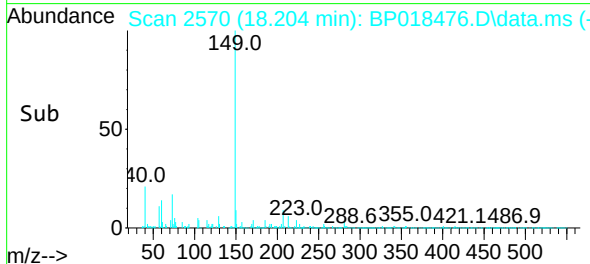
Instrument :
BNA_P
ClientSampleId :
C0AK2



Tgt Ion:149 Resp: 19690
Ion Ratio Lower Upper
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150 10.5 7.4 11.2
104 6.0 3.9 5.9

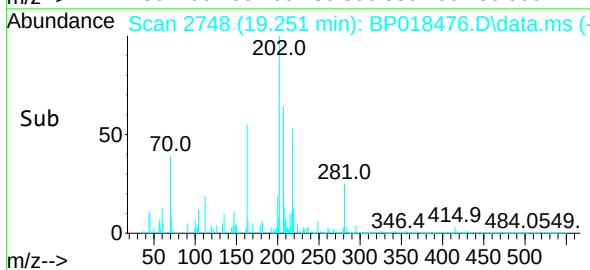
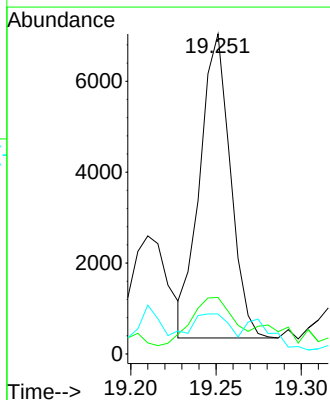
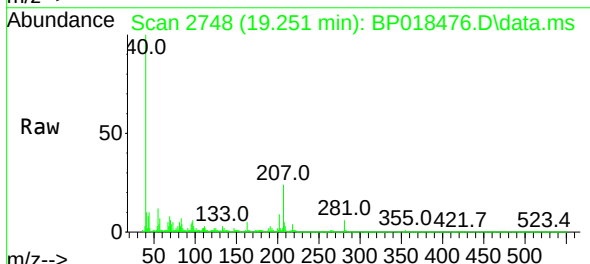
Manual Integrations
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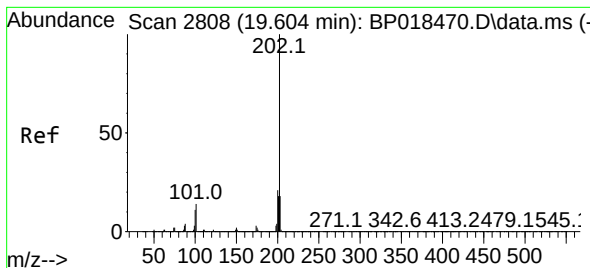
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#80
Fluoranthene
Concen: 1.329 ng/ul
RT: 19.251 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BP018476.D
Acq: 01 Dec 2023 15:05

Tgt Ion:202 Resp: 8338
Ion Ratio Lower Upper
202 100
101 17.7 9.1 13.7#
100 12.5 7.1 10.7#





#82

Pyrene

Concen: 1.235 ng/ul

RT: 19.604 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018476.D

Acq: 01 Dec 2023 15:05

Instrument :

BNP_P

ClientSampleId :

C0AK2

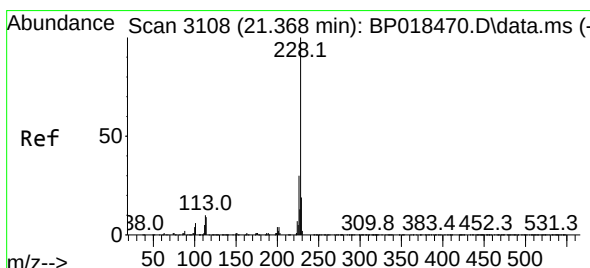
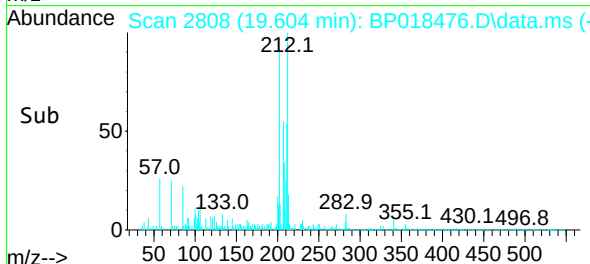
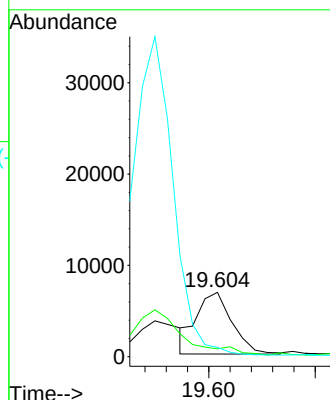
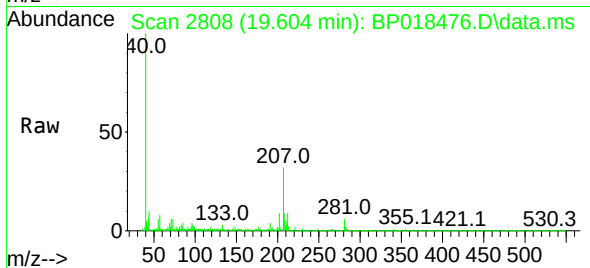
Tgt Ion:	202	Resp:	781
Ion Ratio	Lower	Upper	
202	100		
101	12.2	11.0	16.4
100	14.4	9.1	13.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#87

Chrysene

Concen: 2.165 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. -0.012 min

Lab File: BP018476.D

Acq: 01 Dec 2023 15:05

Tgt Ion:	228	Resp:	11034
Ion Ratio	Lower	Upper	
228	100		
226	37.4	23.9	35.9#
229	25.4	15.6	23.4#

