

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140676.D
 Acq On : 27 Nov 2024 17:58
 Operator : RC/JU
 Sample : P5005-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 28 00:11:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81222	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	307726	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	167420	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	269301	20.000	ng	0.00
76) Chrysene-d12	14.045	240	172274	20.000	ng	0.00
86) Perylene-d12	15.533	264	133638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	528680	111.058	ng	0.00
7) Phenol-d6	6.510	99	690947	109.790	ng	0.00
23) Nitrobenzene-d5	7.434	82	442718	73.589	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	179160	100.058	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	845842	75.275	ng	-0.01
79) Terphenyl-d14	12.980	244	719141	65.001	ng	-0.01
Target Compounds					Qvalue	
10) Phenol	6.522	94	13668	2.127	ng	# 72
75) Fluoranthene	12.610	202	63959	4.551	ng	99
78) Pyrene	12.839	202	54640	3.430	ng	96
81) Benzo(a)anthracene	14.033	228	28797	2.525	ng	99
83) Chrysene	14.068	228	26950	2.585	ng	97
88) Benzo(b)fluoranthene	15.098	252	27734m	3.304	ng	
90) Benzo(a)pyrene	15.474	252	18405	2.697	ng	# 93

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

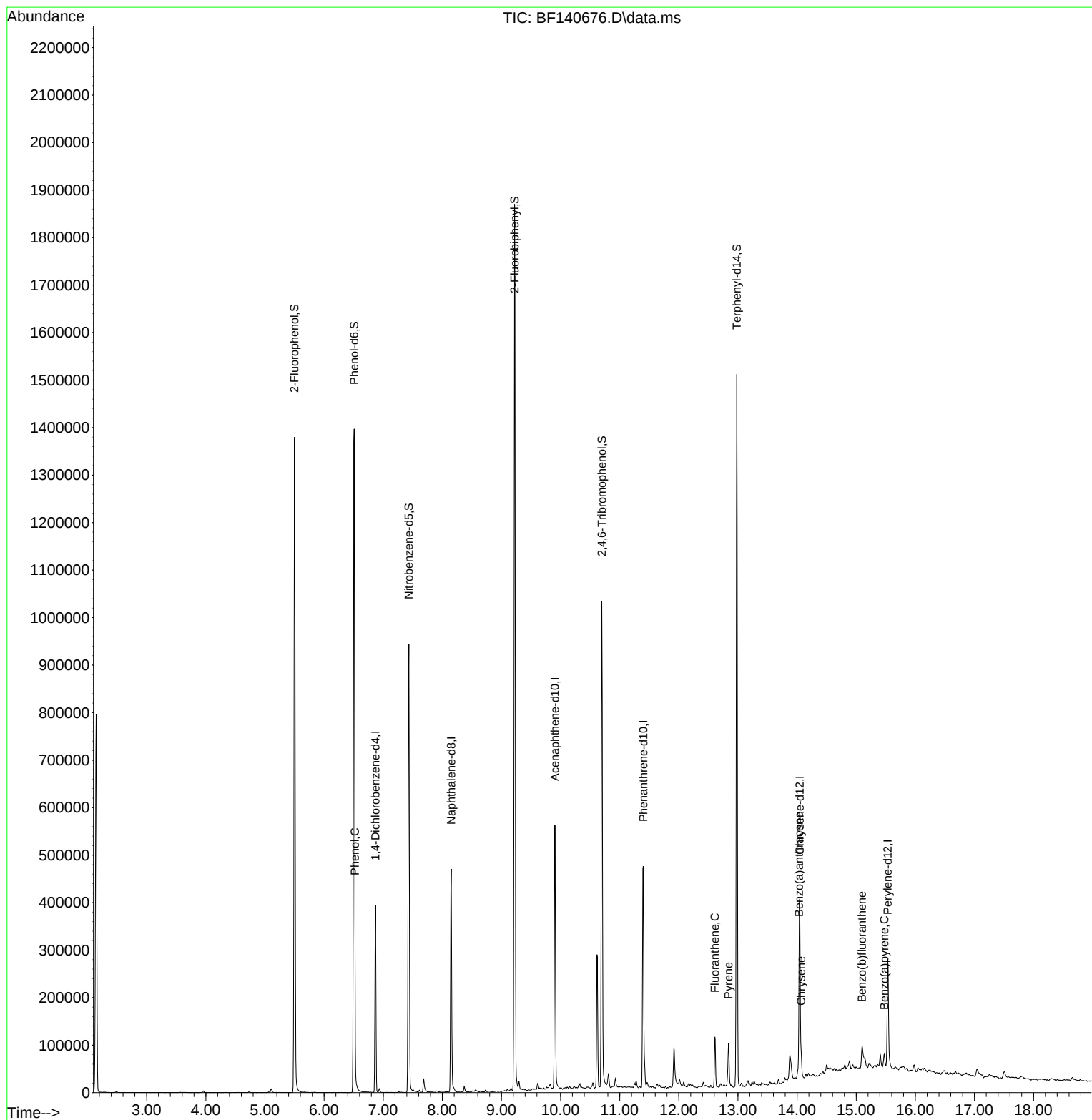
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140676.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

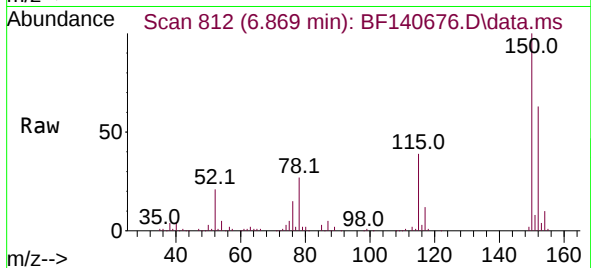
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

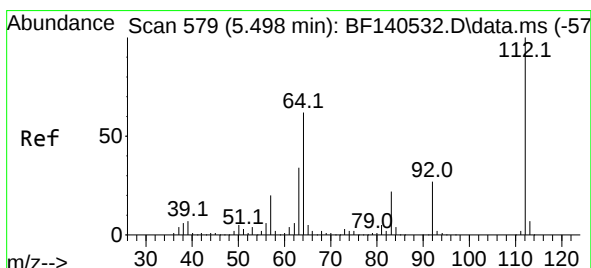
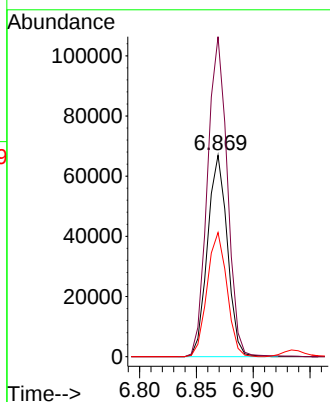
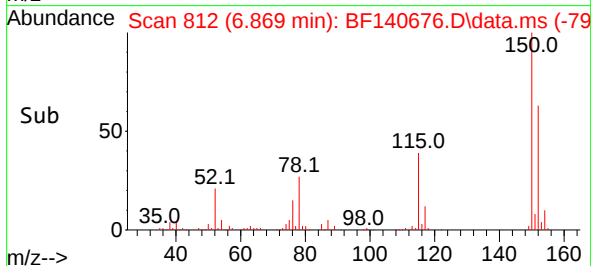
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 8122
Ion Ratio Lower Upper
152 100
150 158.8 128.5 192.7
115 61.6 50.2 75.4

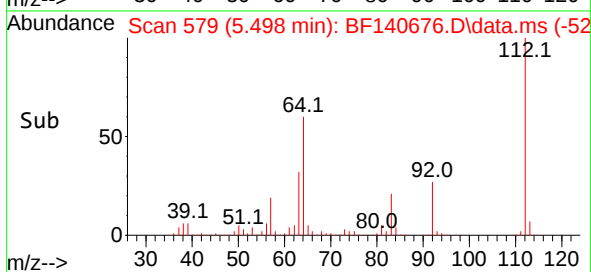
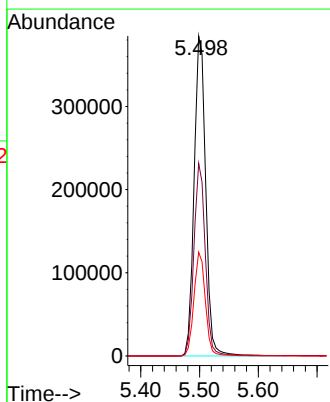
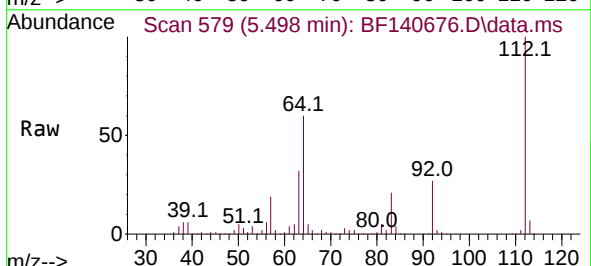
Manual Integrations
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Supervised By :mohammad ahmed 11/29/2024



#5
2-Fluorophenol
Concen: 111.058 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Tgt Ion:112 Resp: 528680
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 32.5 27.0 40.4





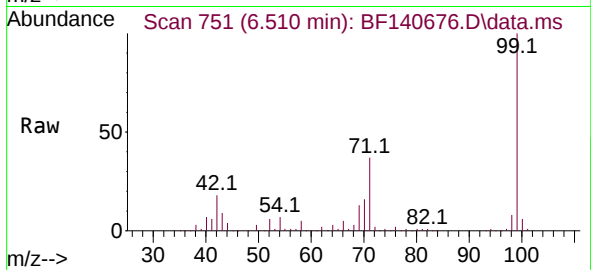
#7
Phenol-d6
Concen: 109.790 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

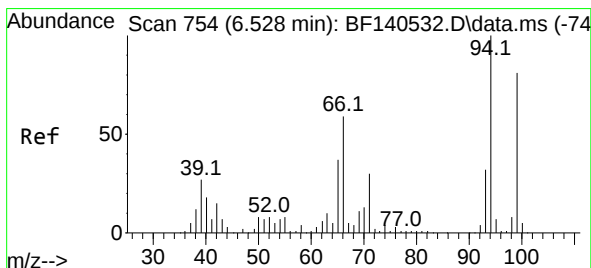
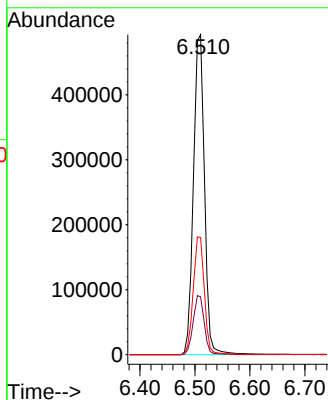
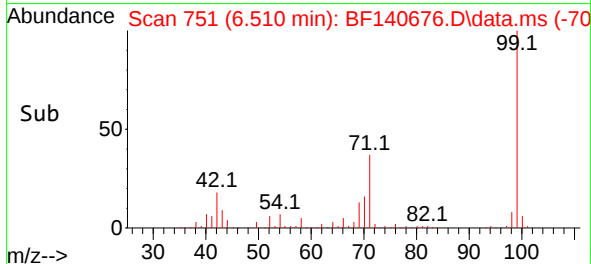


Tgt Ion: 99 Resp: 69094
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.6 30.6 46.0

Manual Integrations

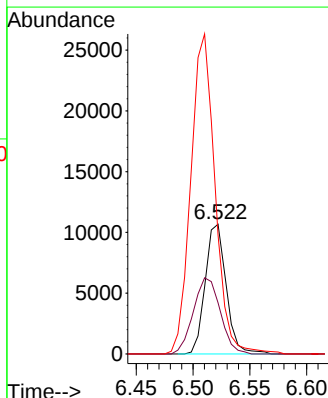
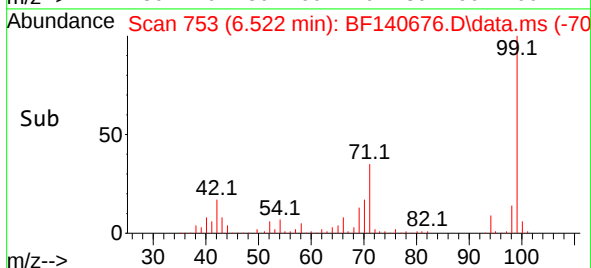
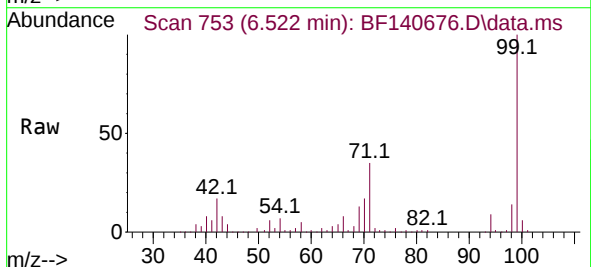
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Supervised By :mohammad ahmed 11/29/2024



#10
Phenol
Concen: 2.127 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Tgt Ion: 94 Resp: 13668
Ion Ratio Lower Upper
94 100
65 39.4 17.2 57.2
66 91.5 39.2 79.2#





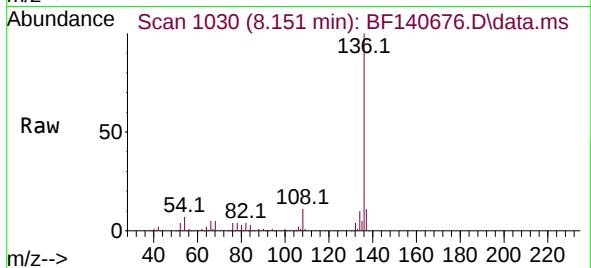
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

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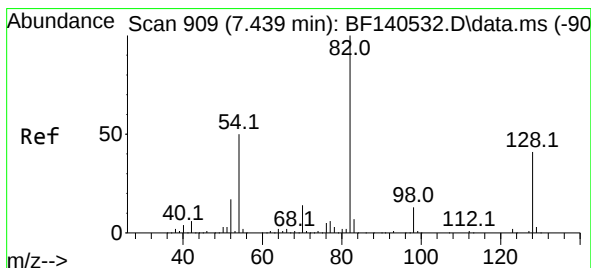
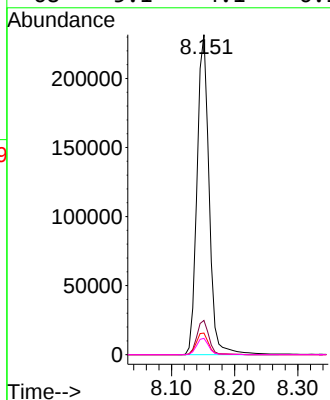
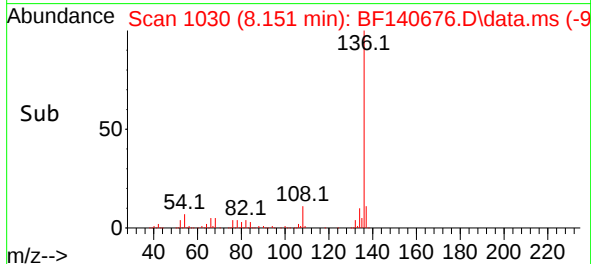
Tgt Ion:136 Resp: 307720
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

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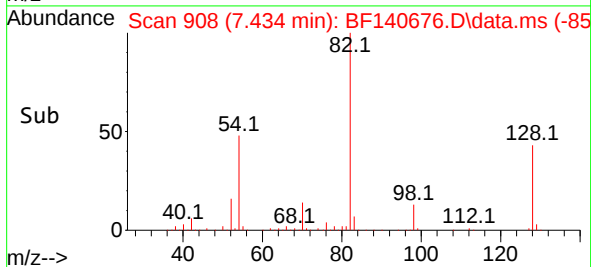
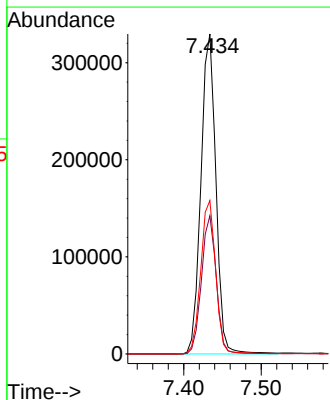
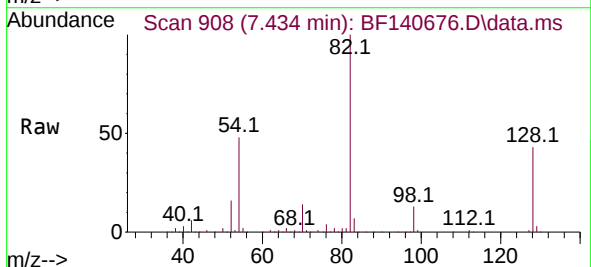
Reviewed By :Yogesh Patel 11/29/2024

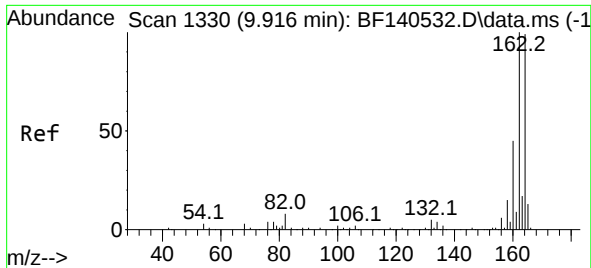
Supervised By :mohammad ahmed 11/29/2024



#23
Nitrobenzene-d5
Concen: 73.589 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Tgt Ion: 82 Resp: 442718
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.4
54 47.9 39.5 59.3





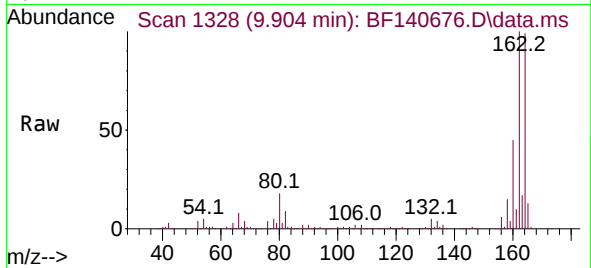
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Instrument :

BNA_F

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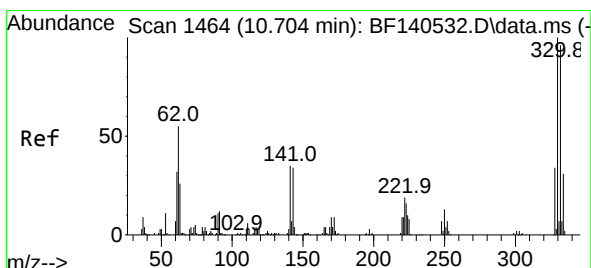
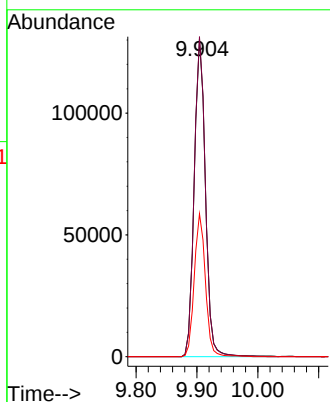
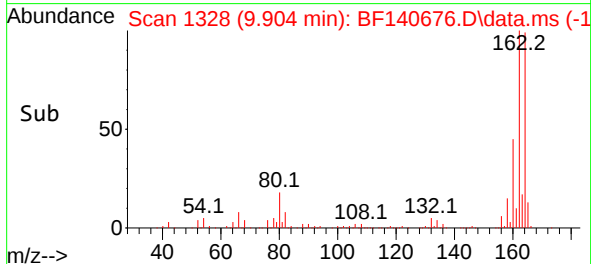
Tgt Ion:164 Resp: 167420
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 45.0 36.2 54.4

Manual Integrations

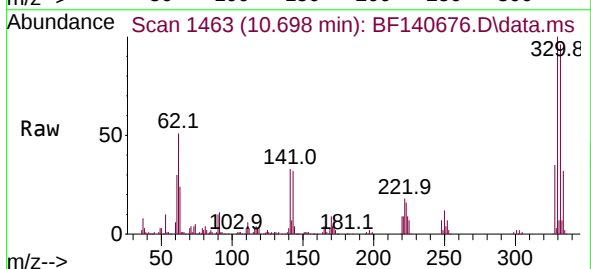
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

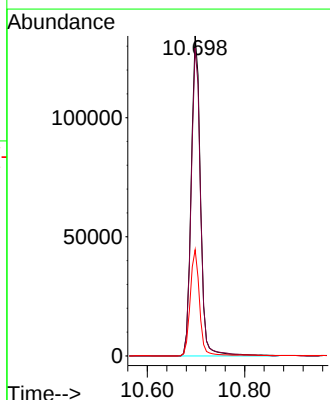
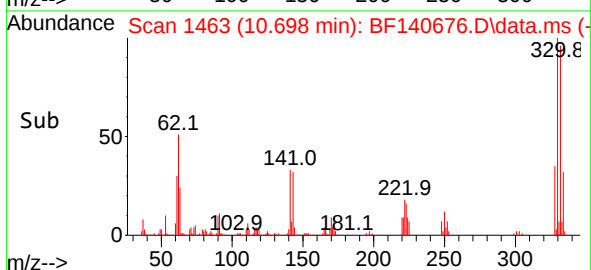
Supervised By :mohammad ahmed 11/29/2024

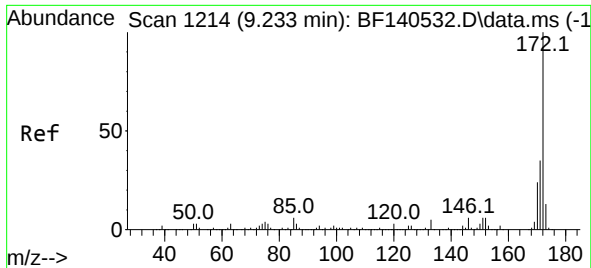


#42
2,4,6-Tribromophenol
Concen: 100.058 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58



Tgt Ion:330 Resp: 179160
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 33.3 26.7 40.1





#45
2-Fluorobiphenyl
Concen: 75.275 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

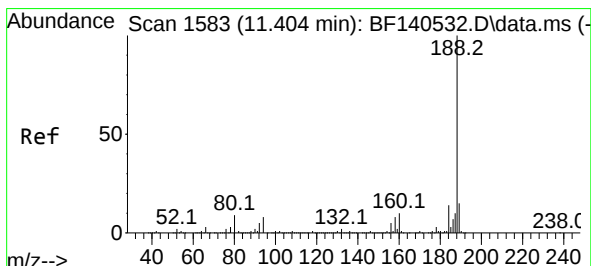
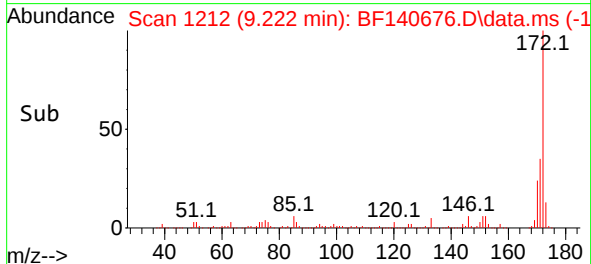
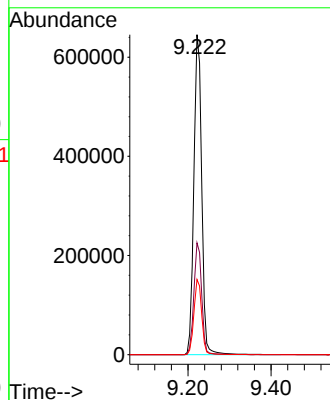
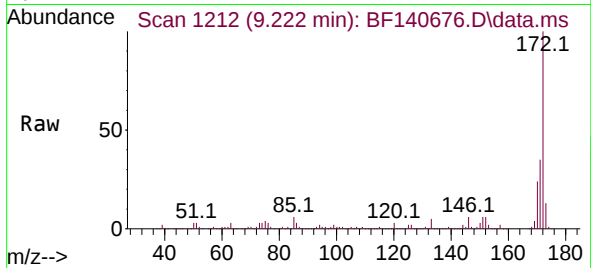
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Tgt Ion:172 Resp: 84584
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.5 19.0 28.6

Manual Integrations

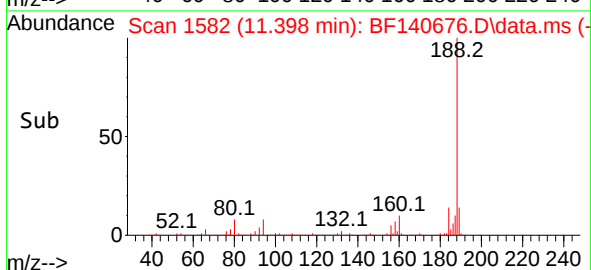
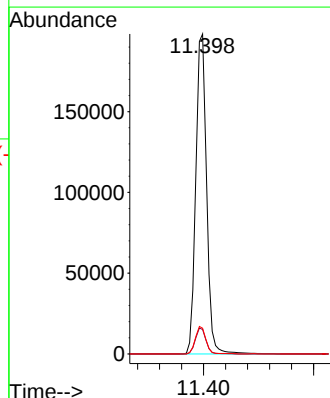
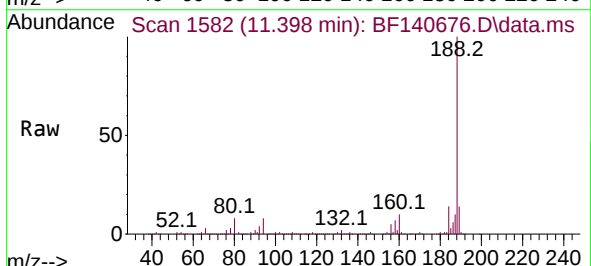
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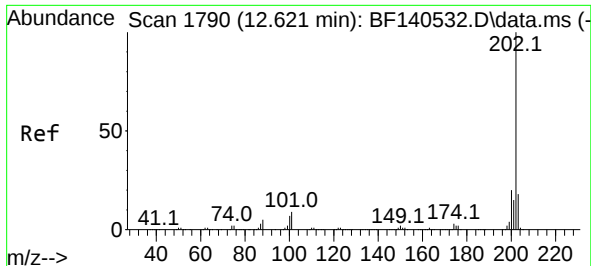
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

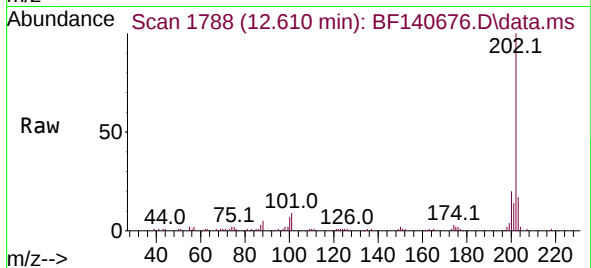
Tgt Ion:188 Resp: 269301
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.1 6.9 10.3





#75
Fluoranthene
Concen: 4.551 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

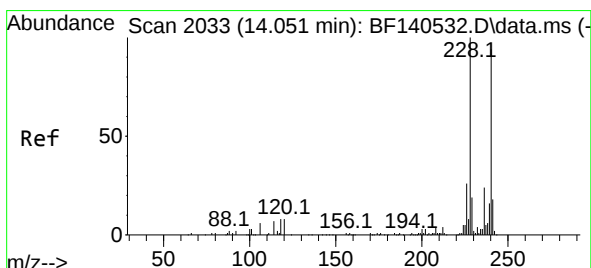
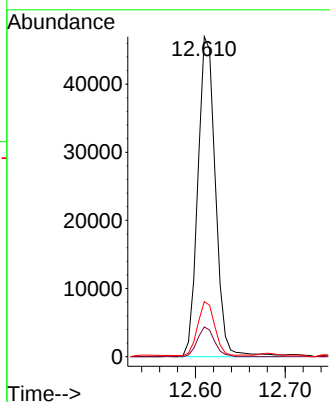
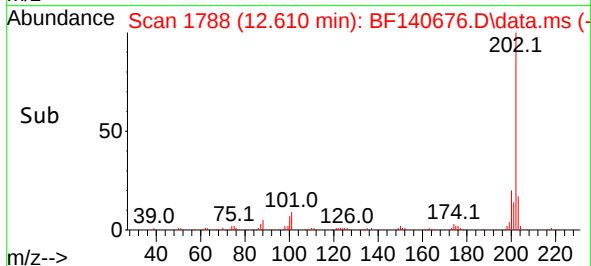
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:202 Resp: 63958
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.2 0.0 37.6

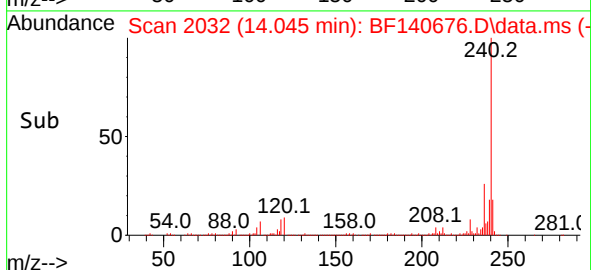
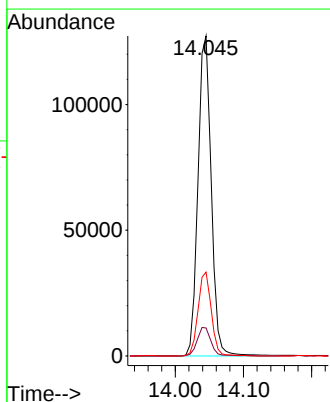
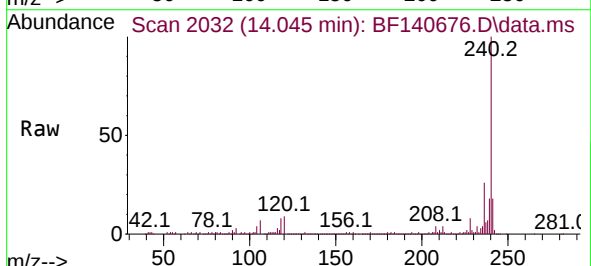
Manual Integrations
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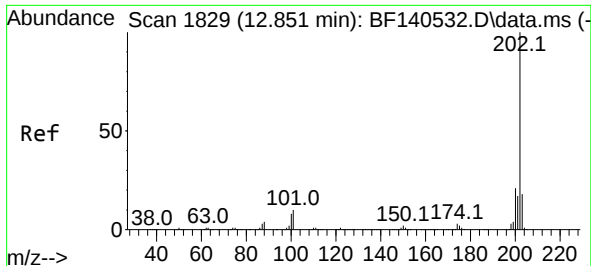
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Tgt Ion:240 Resp: 172274
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.2 20.6 31.0





#78
Pyrene
Concen: 3.430 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

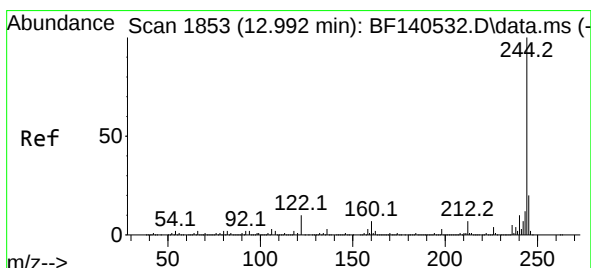
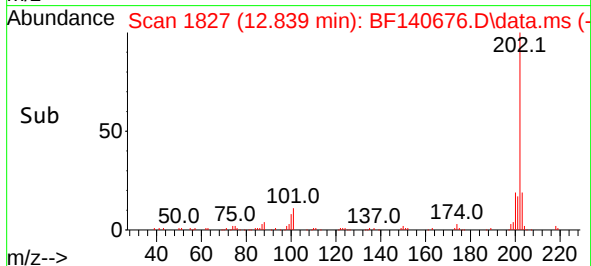
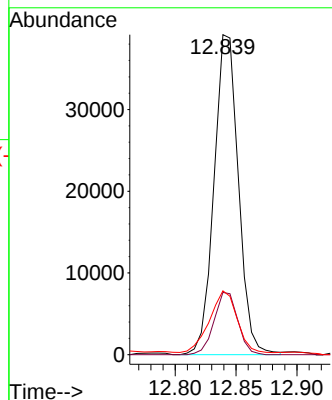
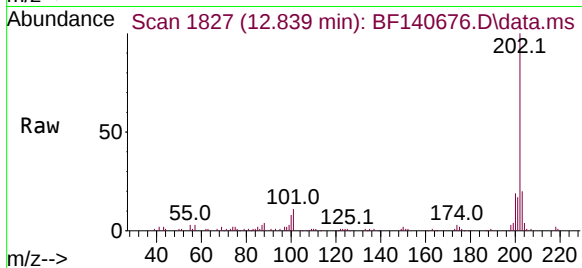
STOCK-PILE

Tgt Ion:202 Resp: 54640
Ion Ratio Lower Upper
202 100
200 19.4 16.5 24.7
203 20.0 14.2 21.4

Manual Integrations

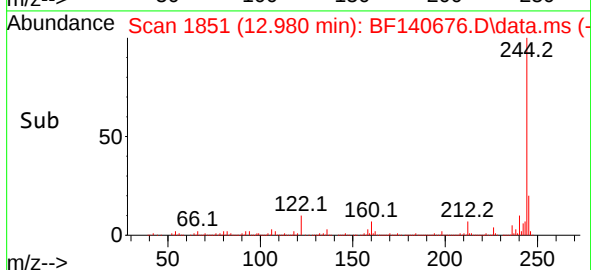
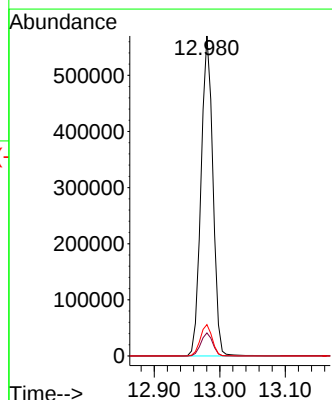
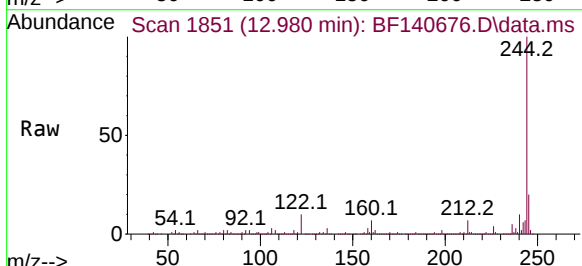
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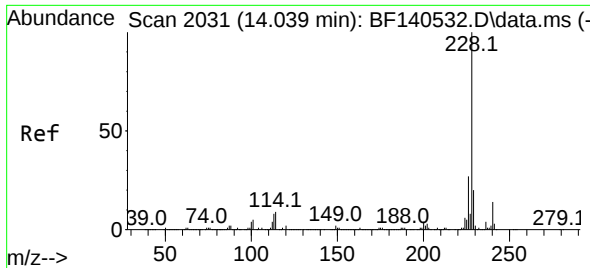
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#79
Terphenyl-d14
Concen: 65.001 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Tgt Ion:244 Resp: 719141
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.8 8.0 12.0





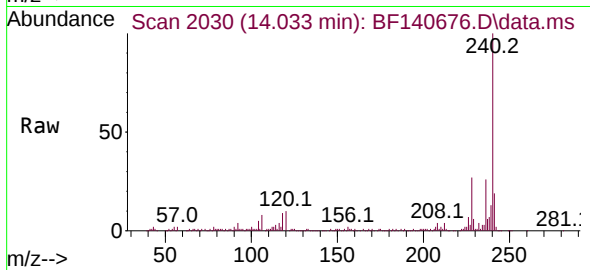
#81
Benzo(a)anthracene
Concen: 2.525 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

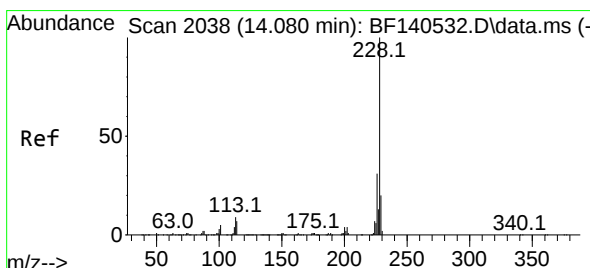
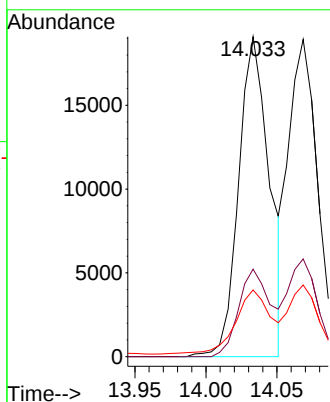
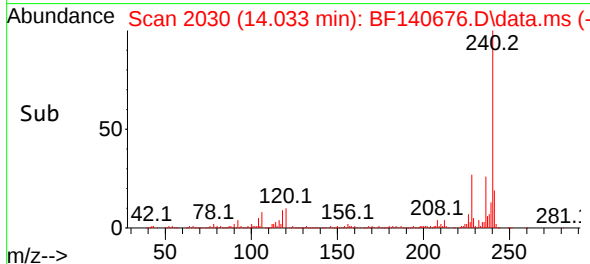


Tgt Ion:228 Resp: 2879
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.8 15.8 23.6

Manual Integrations

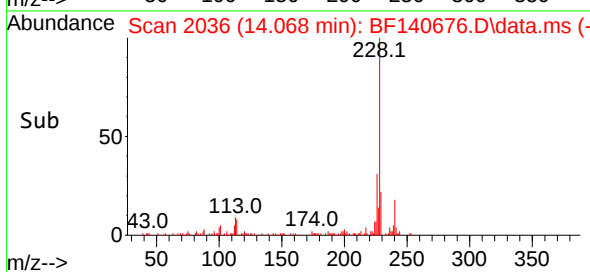
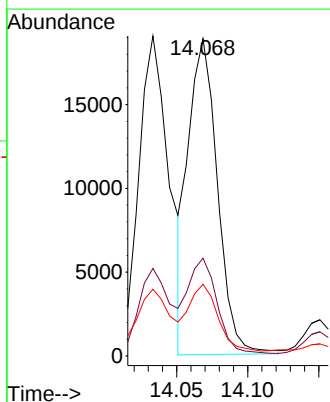
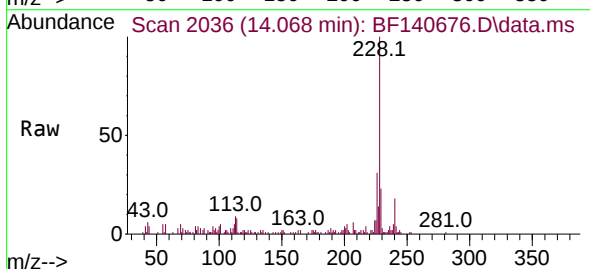
APPROVED

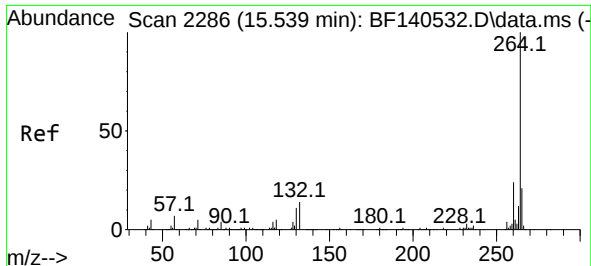
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#83
Chrysene
Concen: 2.585 ng
RT: 14.068 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Tgt Ion:228 Resp: 26950
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 22.6 15.8 23.6





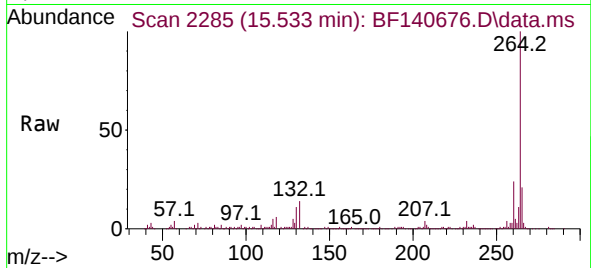
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE



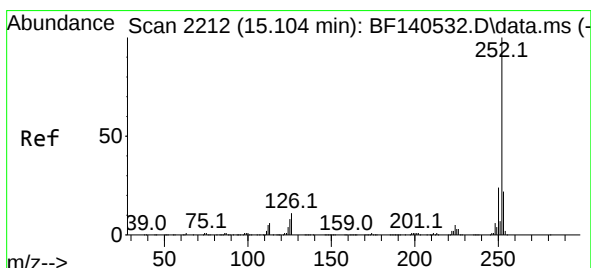
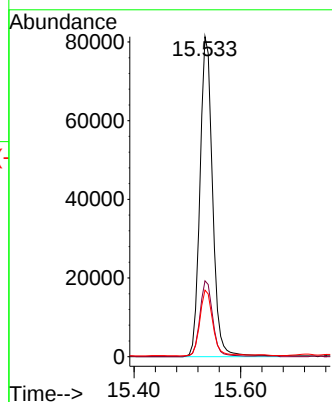
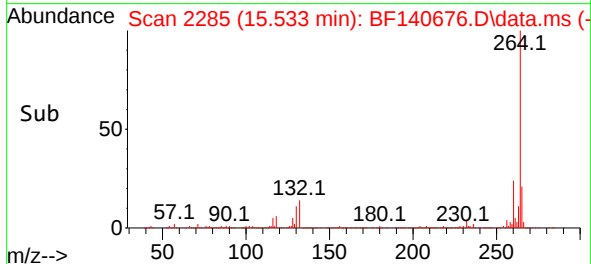
Tgt Ion:264 Resp: 133638
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 20.8 16.6 25.0

Manual Integrations

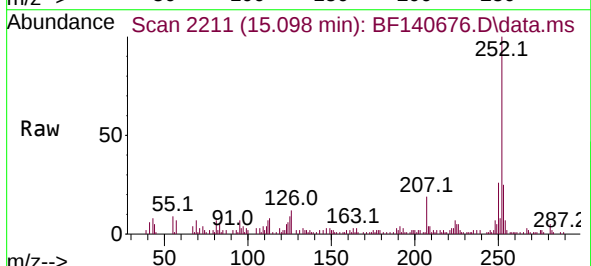
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

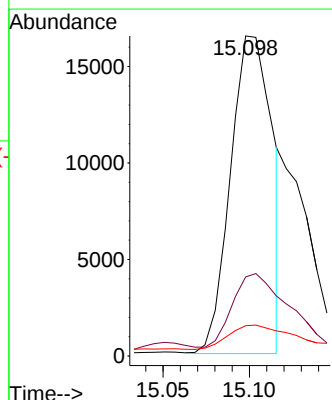
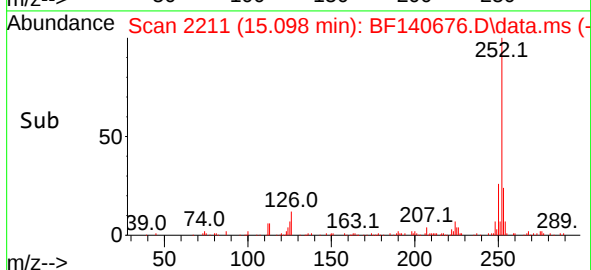
Supervised By :mohammad ahmed 11/29/2024

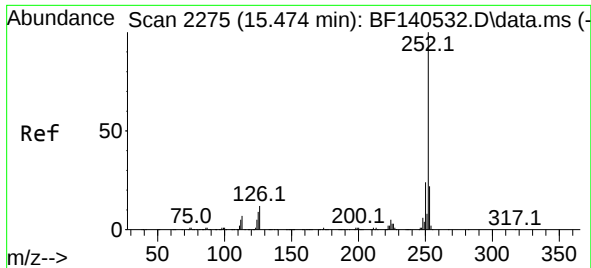


#88
Benzo(b)fluoranthene
Concen: 3.304 ng m
RT: 15.098 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58



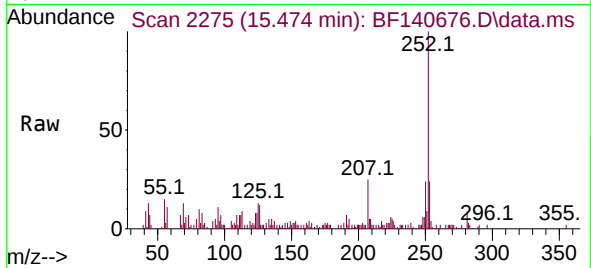
Tgt Ion:252 Resp: 27734
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 9.5 6.7 10.1





#90
Benzo(a)pyrene
Concen: 2.697 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140676.D
Acq: 27 Nov 2024 17:58

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE



Tgt Ion:252 Resp: 1840
Ion Ratio Lower Upper
252 100
253 24.5 17.3 25.9
125 12.7 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

