

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139674.D
 Acq On : 04 Oct 2024 23:07
 Operator : RC/JU
 Sample : P4276-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 05 00:43:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83069	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	283969	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	134086	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	214316	20.000	ng	0.00
76) Chrysene-d12	14.033	240	147812	20.000	ng	0.00
86) Perylene-d12	15.510	264	120429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	374116	78.060	ng	0.00
7) Phenol-d6	6.493	99	484390	75.156	ng	-0.01
23) Nitrobenzene-d5	7.428	82	311008	55.451	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	82828	63.990	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	522177	59.785	ng	0.00
79) Terphenyl-d14	12.974	244	443205	49.199	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.604	202	41082	3.719	ng	92
78) Pyrene	12.833	202	34723	2.627	ng	# 89
83) Chrysene	14.057	228	21597	2.431	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.010	149	94580	16.018	ng	98
88) Benzo(b)fluoranthene	15.080	252	27475m	3.528	ng	

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

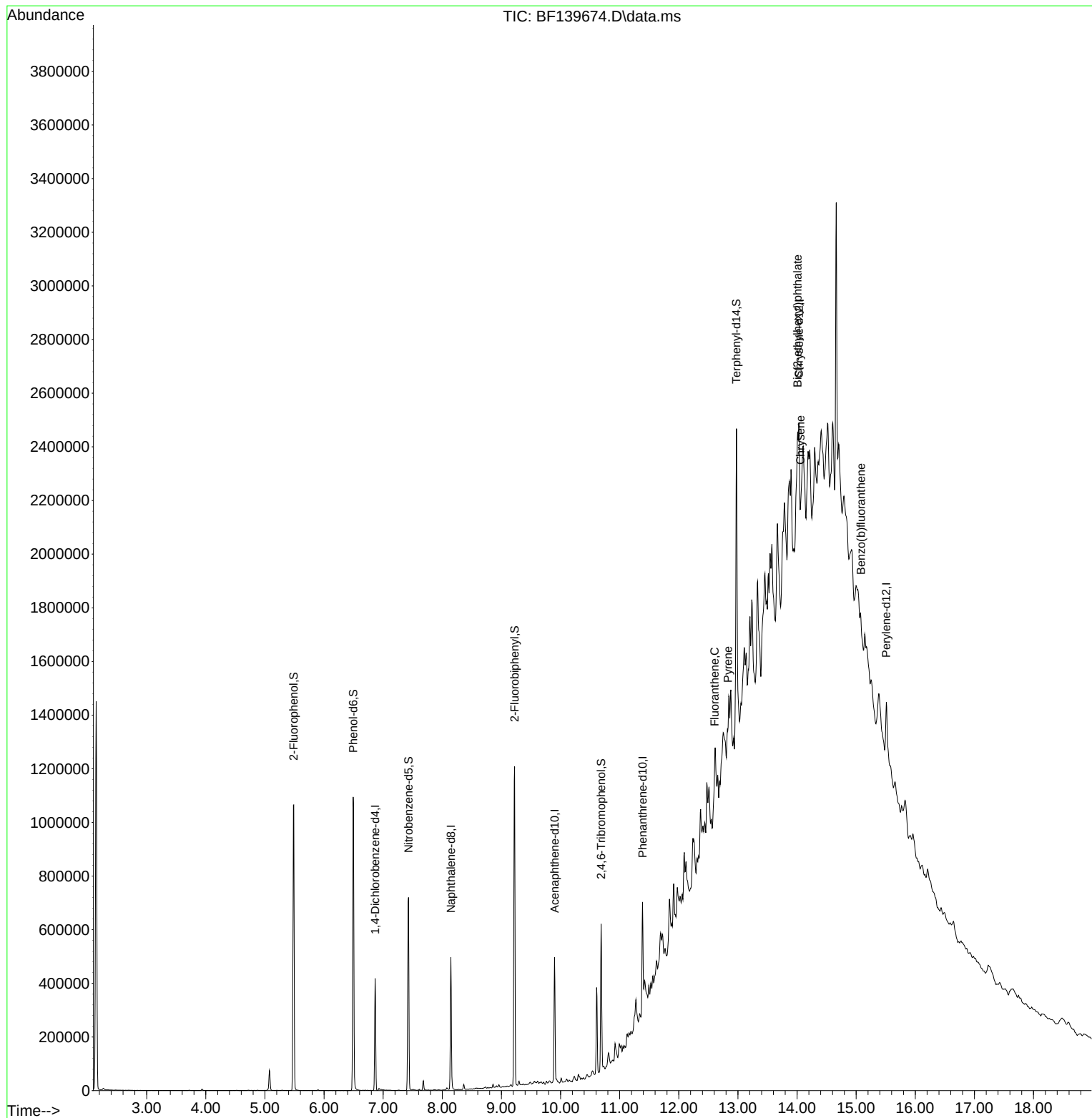
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139674.D
Acq On : 04 Oct 2024 23:07
Operator : RC/JU
Sample : P4276-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

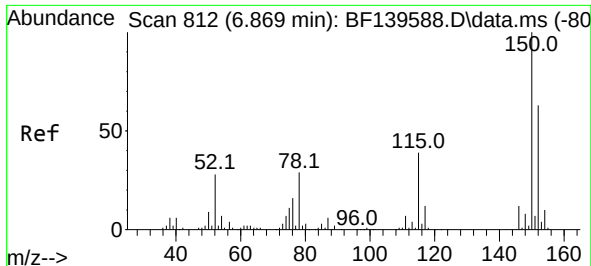
Instrument :
BNA_F
ClientSampleId :
VNJ-208

Quant Time: Oct 05 00:43:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

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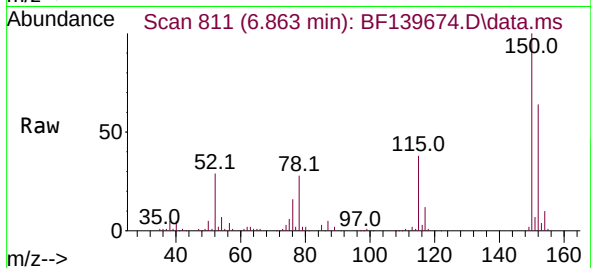
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208



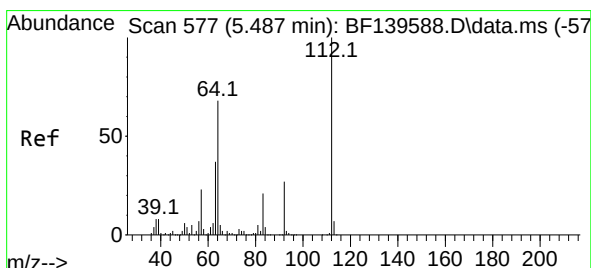
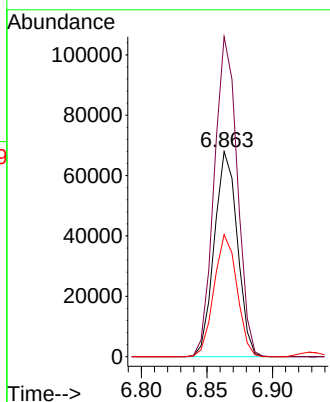
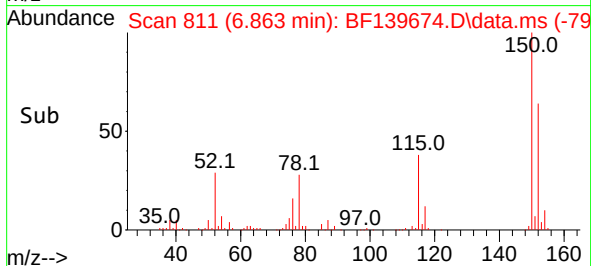
Tgt Ion:152 Resp: 83069
Ion Ratio Lower Upper
152 100
150 156.0 127.2 190.8
115 59.5 49.0 73.4

Manual Integrations

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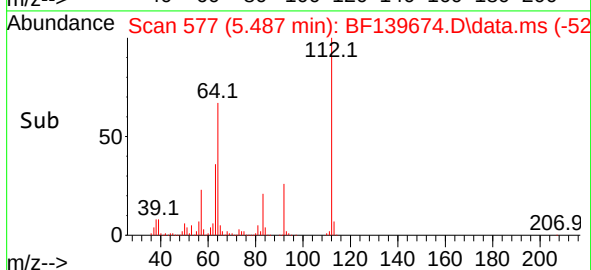
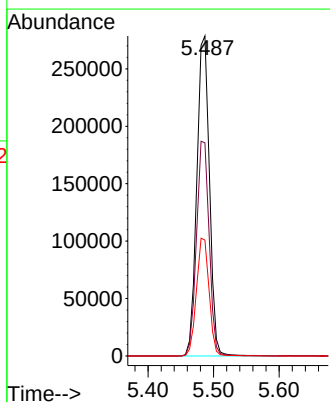
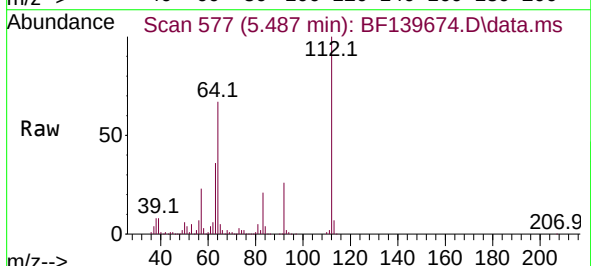
Reviewed By :Yogesh Patel 10/07/2024

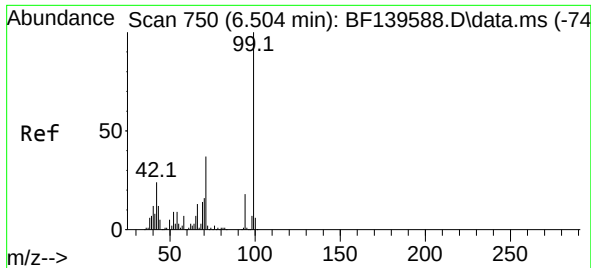
Supervised By :mohammad ahmed 10/07/2024



#5
2-Fluorophenol
Concen: 78.060 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

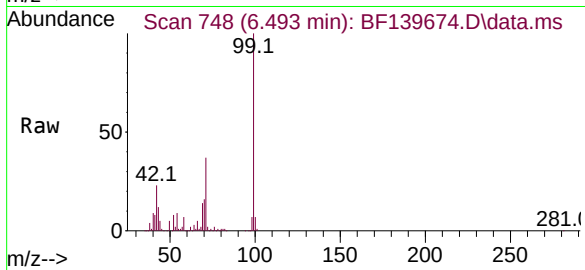
Tgt Ion:112 Resp: 374116
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.2 29.4 44.2





#7
Phenol-d6
Concen: 75.156 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

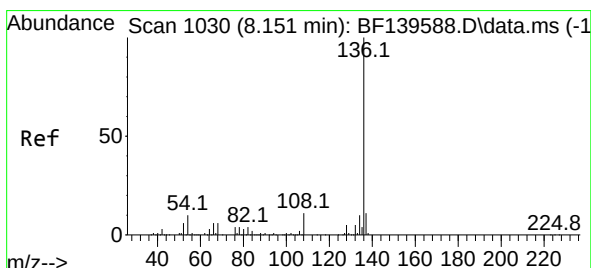
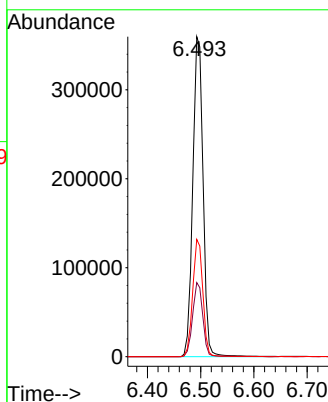
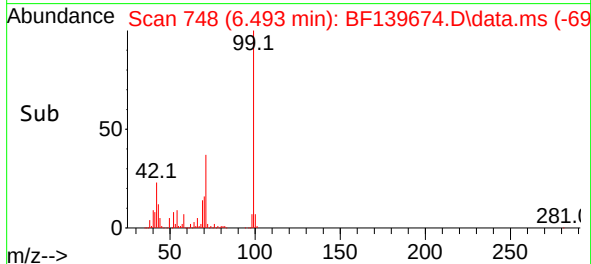
Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion: 99 Resp: 484390
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.6 29.7 44.5

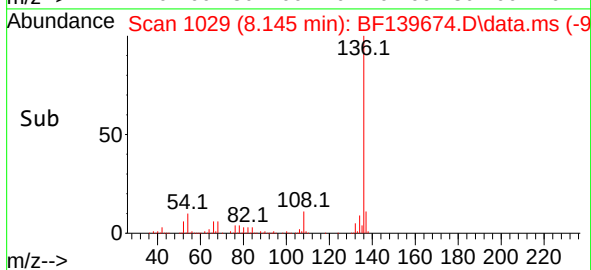
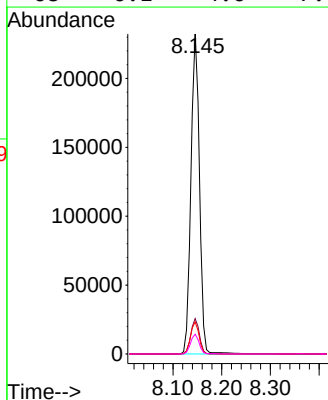
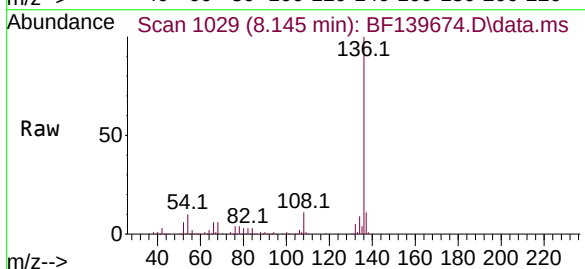
Manual Integrations
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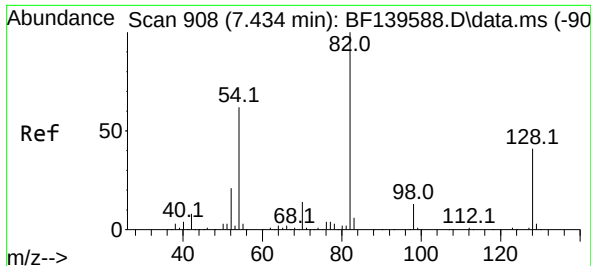
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Tgt Ion:136 Resp: 283969
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.0 8.3 12.5
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 55.451 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208

Tgt Ion: 82 Resp: 311008

Ion Ratio Lower Upper

82 100

128 42.7 32.4 48.6

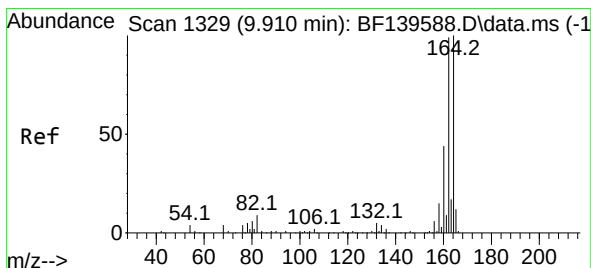
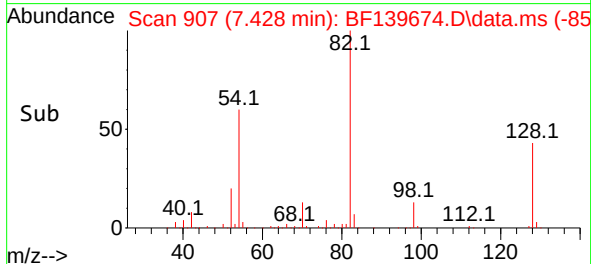
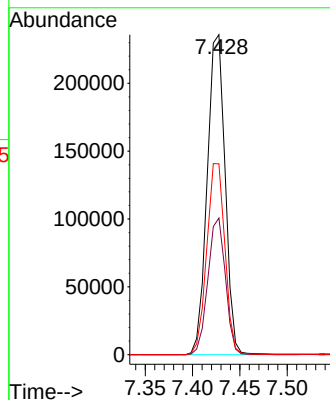
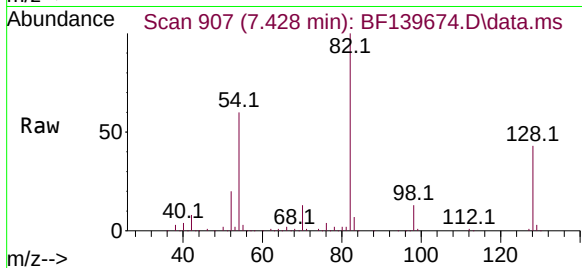
54 59.6 49.1 73.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

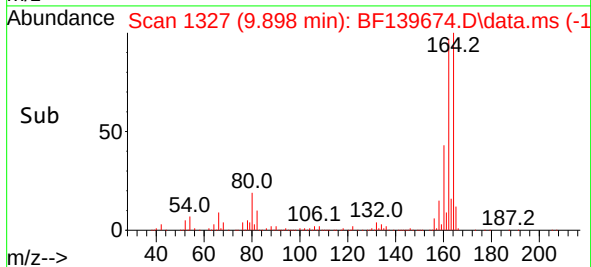
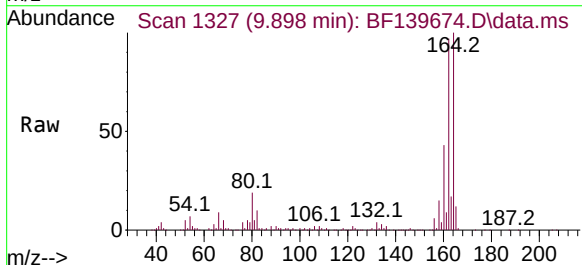
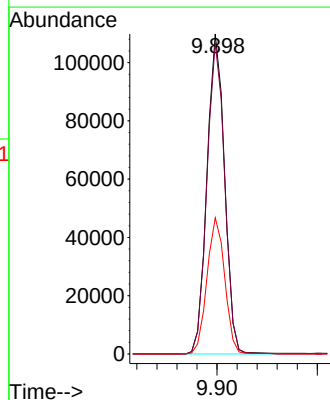
Tgt Ion:164 Resp: 134086

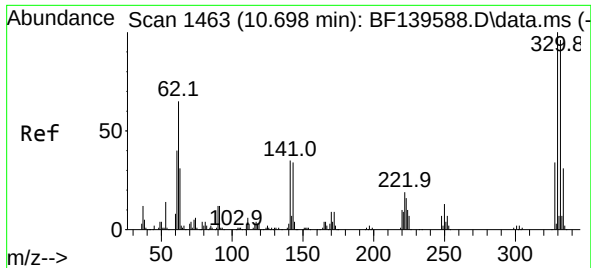
Ion Ratio Lower Upper

164 100

162 97.3 79.4 119.0

160 42.6 35.1 52.7





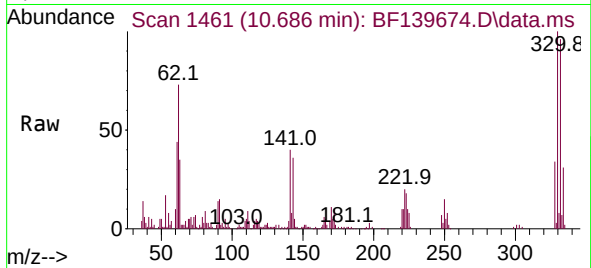
#42
2,4,6-Tribromophenol
Concen: 63.990 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208



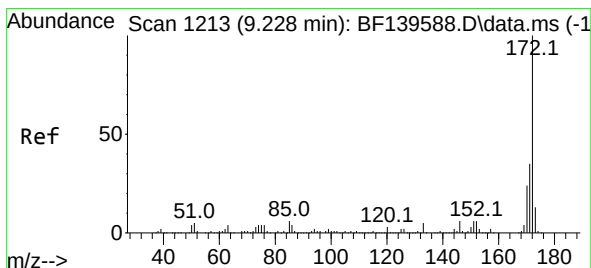
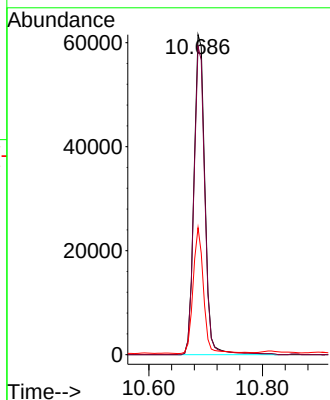
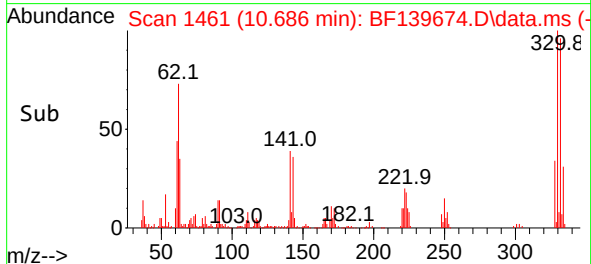
Tgt Ion: 330 Resp: 82828
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 37.8 29.3 43.9

Manual Integrations

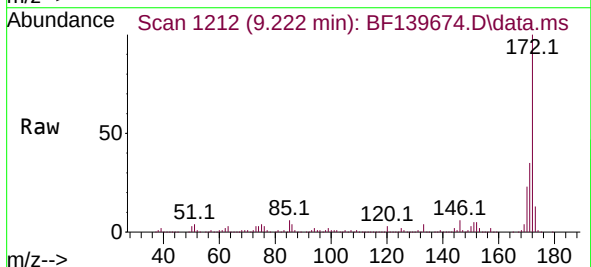
APPROVED

Reviewed By : Yogesh Patel 10/07/2024

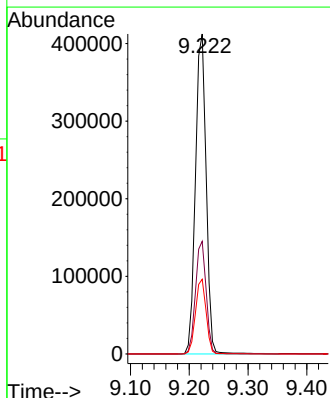
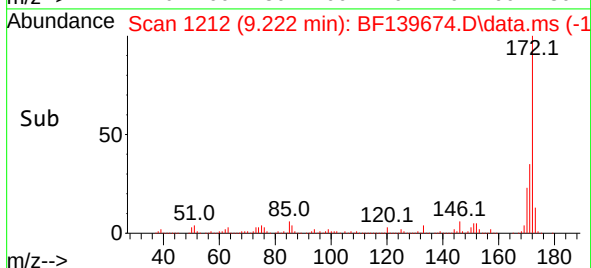
Supervised By : mohammad ahmed 10/07/2024

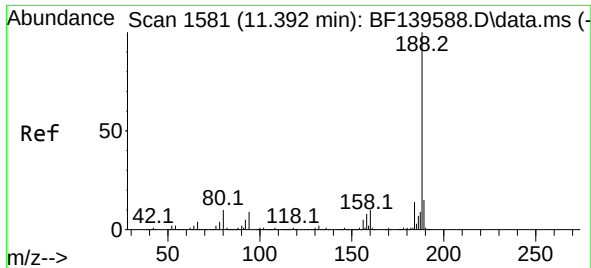


#45
2-Fluorobiphenyl
Concen: 59.785 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07



Tgt Ion: 172 Resp: 522177
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.8 28.2





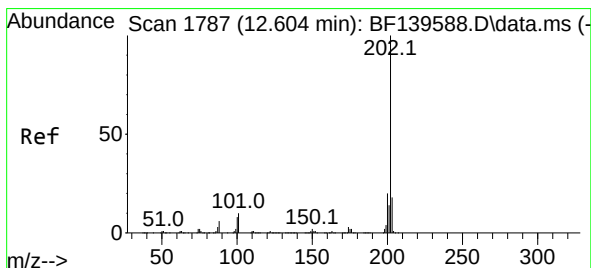
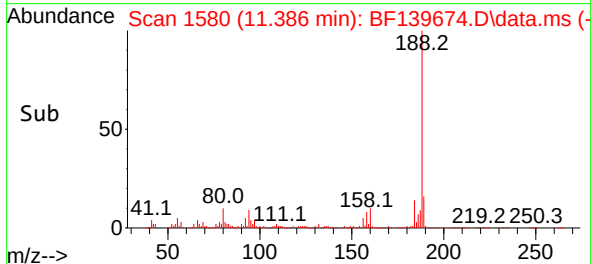
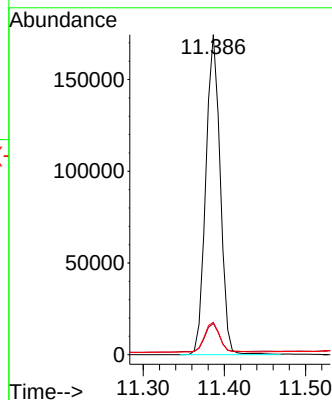
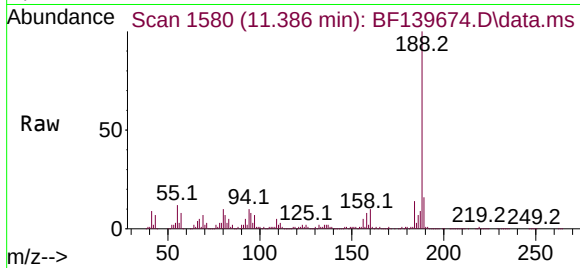
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Instrument :
BNA_F
ClientSampleId :
VNJ-208

Tgt Ion:188 Resp: 214310
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.2 8.2 12.2

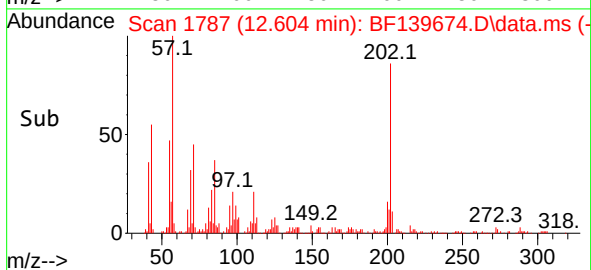
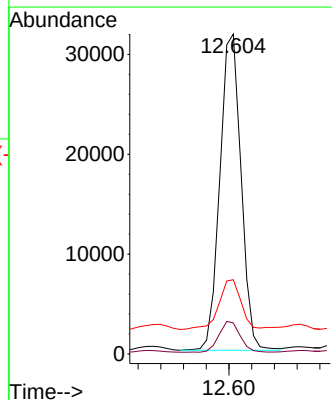
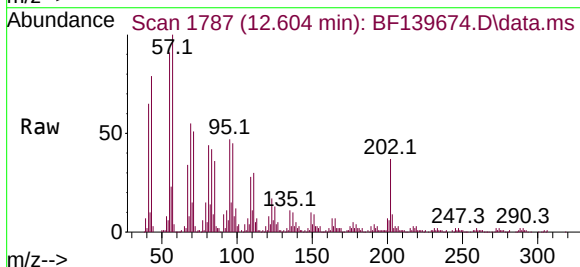
Manual Integrations
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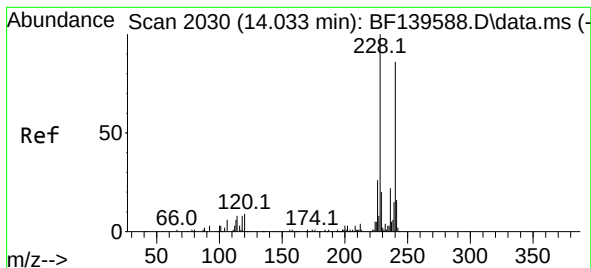
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#75
Fluoranthene
Concen: 3.719 ng
RT: 12.604 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Tgt Ion:202 Resp: 41082
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 23.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

Instrument :

BNA_F

ClientSampleId :

VNJ-208

Tgt Ion:240 Resp: 14781

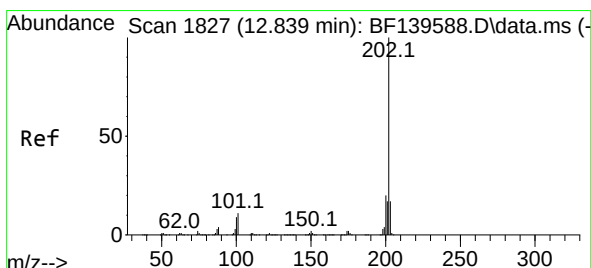
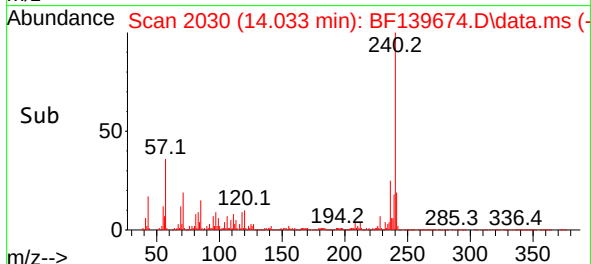
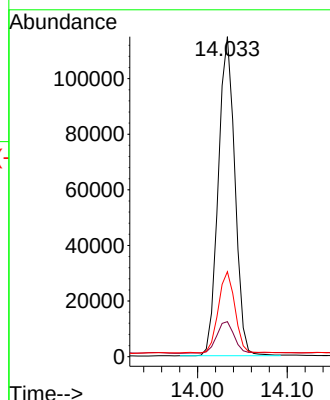
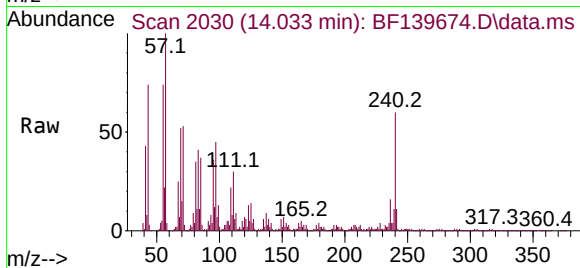
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.5	20.3	30.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#78

Pyrene

Concen: 2.627 ng

RT: 12.833 min Scan# 1826

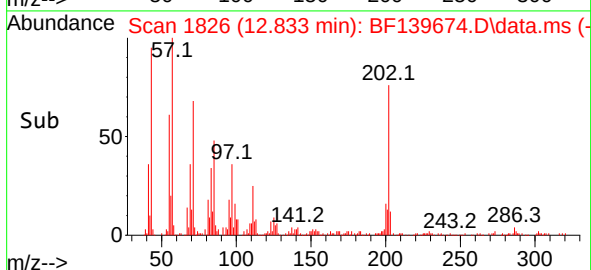
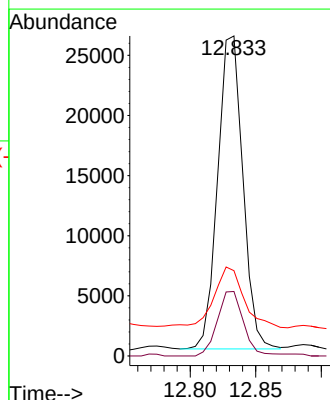
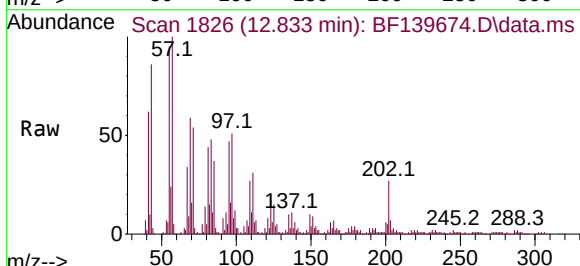
Delta R.T. -0.006 min

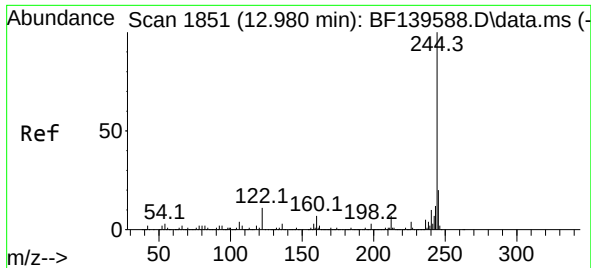
Lab File: BF139674.D

Acq: 04 Oct 2024 23:07

Tgt Ion:202 Resp: 34723

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.8	23.6
203	26.6	13.8	20.8





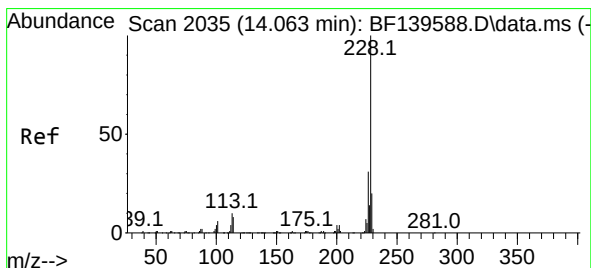
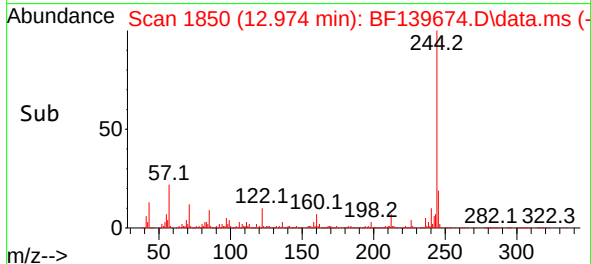
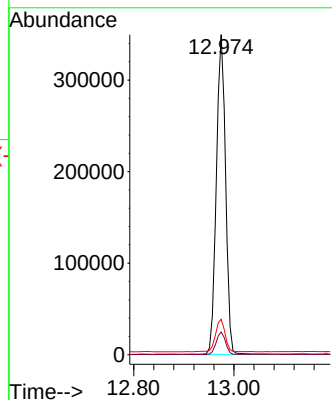
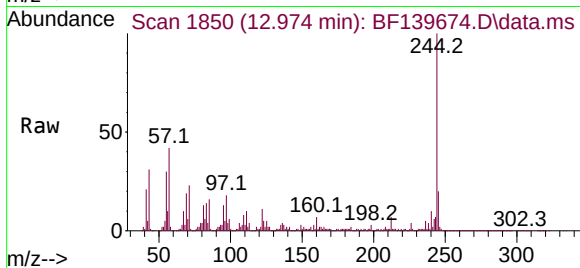
#79
Terphenyl-d14
Concen: 49.199 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Instrument :
BNA_F
ClientSampleId :
VNJ-208

Tgt Ion:244 Resp: 443205
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.1 8.6 12.8

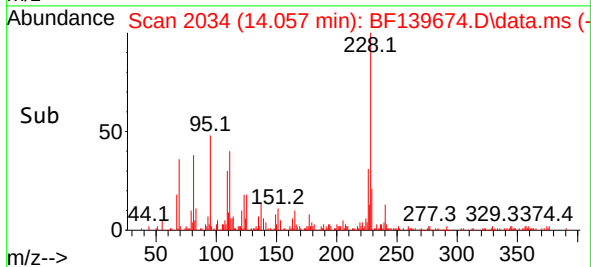
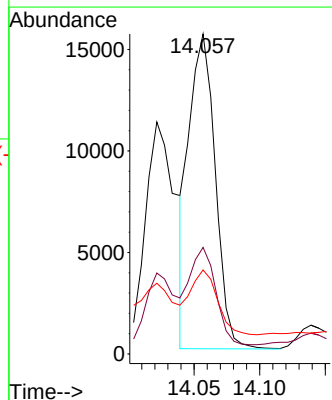
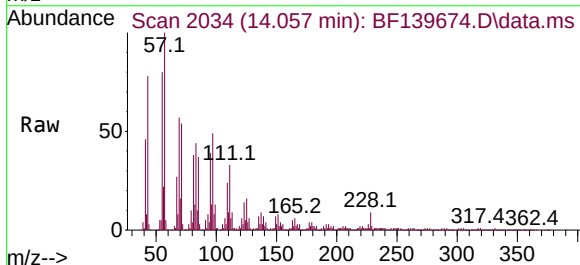
Manual Integrations
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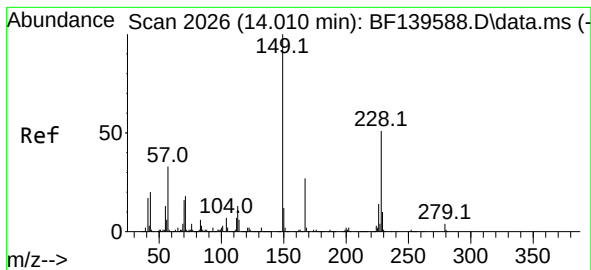
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#83
Chrysene
Concen: 2.431 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Tgt Ion:228 Resp: 21597
Ion Ratio Lower Upper
228 100
226 33.3 24.3 36.5
229 26.3 15.7 23.5#





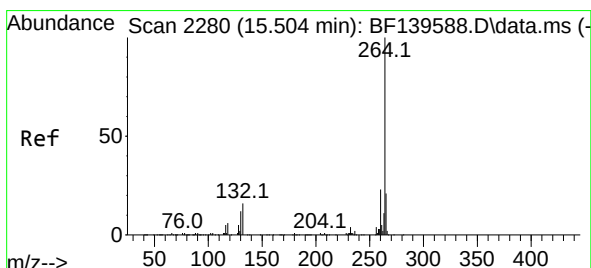
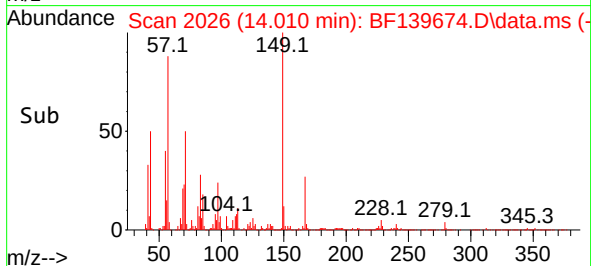
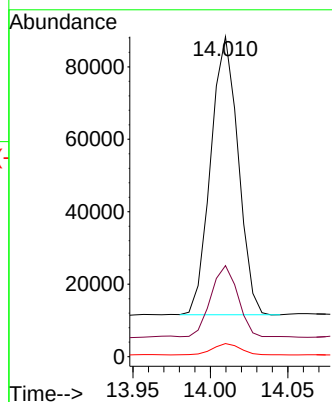
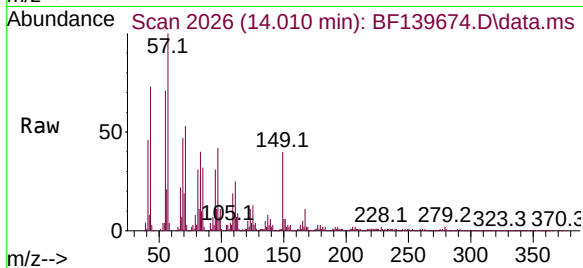
#84
Bis(2-ethylhexyl)phthalate
Concen: 16.018 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Instrument :
BNA_F
ClientSampleId :
VNJ-208

Tgt Ion:149 Resp: 94586
Ion Ratio Lower Upper
149 100
167 28.5 21.7 32.5
279 4.1 3.2 4.8

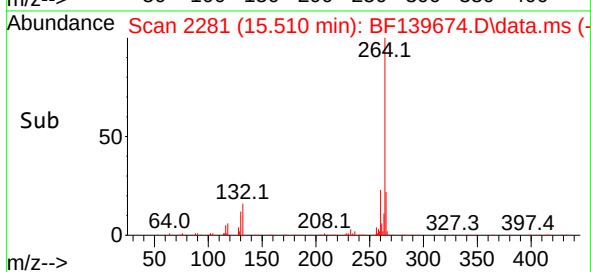
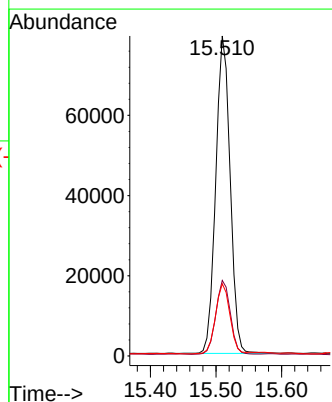
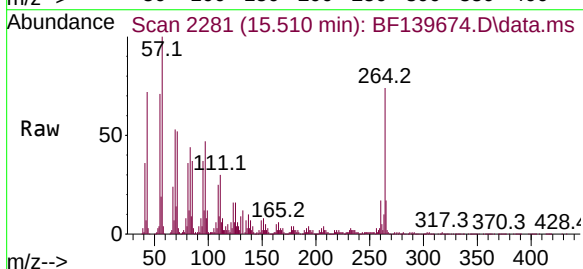
Manual Integrations
APPROVED

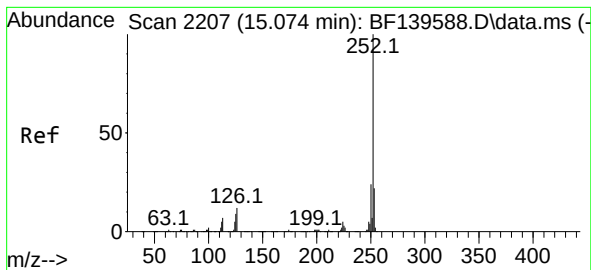
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

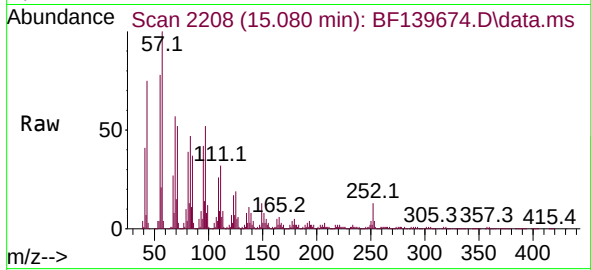
Tgt Ion:264 Resp: 120429
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.5 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 3.528 ng m
RT: 15.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139674.D
Acq: 04 Oct 2024 23:07

Instrument :
BNA_F
ClientSampleId :
VNJ-208



Tgt Ion:252 Resp: 27475
Ion Ratio Lower Upper
252 100
253 27.8 17.4 26.0
125 141.3 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

