

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017828.D
 Acq On : 09 Dec 2021 09:58
 Operator : CG/JU
 Sample : M4922-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20211130

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 10 01:53:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20192	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	79085	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	57271	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	122846	0.400	ng	0.00
29) Chrysene-d12	21.293	240	108235	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	79338	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6513	0.134	ng	0.00
5) Phenol-d6	6.903	99	3802	0.082	ng	0.00
8) Nitrobenzene-d5	8.859	82	18265	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	43125	0.273	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	12652	0.423	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	75272	0.359	ng	0.00
27) Fluoranthene-d10	19.129	212	155695	0.379	ng	0.00
31) Terphenyl-d14	19.730	244	127879	0.550	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	8272m	1.113	ng	
25) Phenanthrene	17.129	178	9046	0.028	ng	98
34) Bis(2-ethylhexyl)phtha...	21.219	149	18855	0.125	ng	99

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

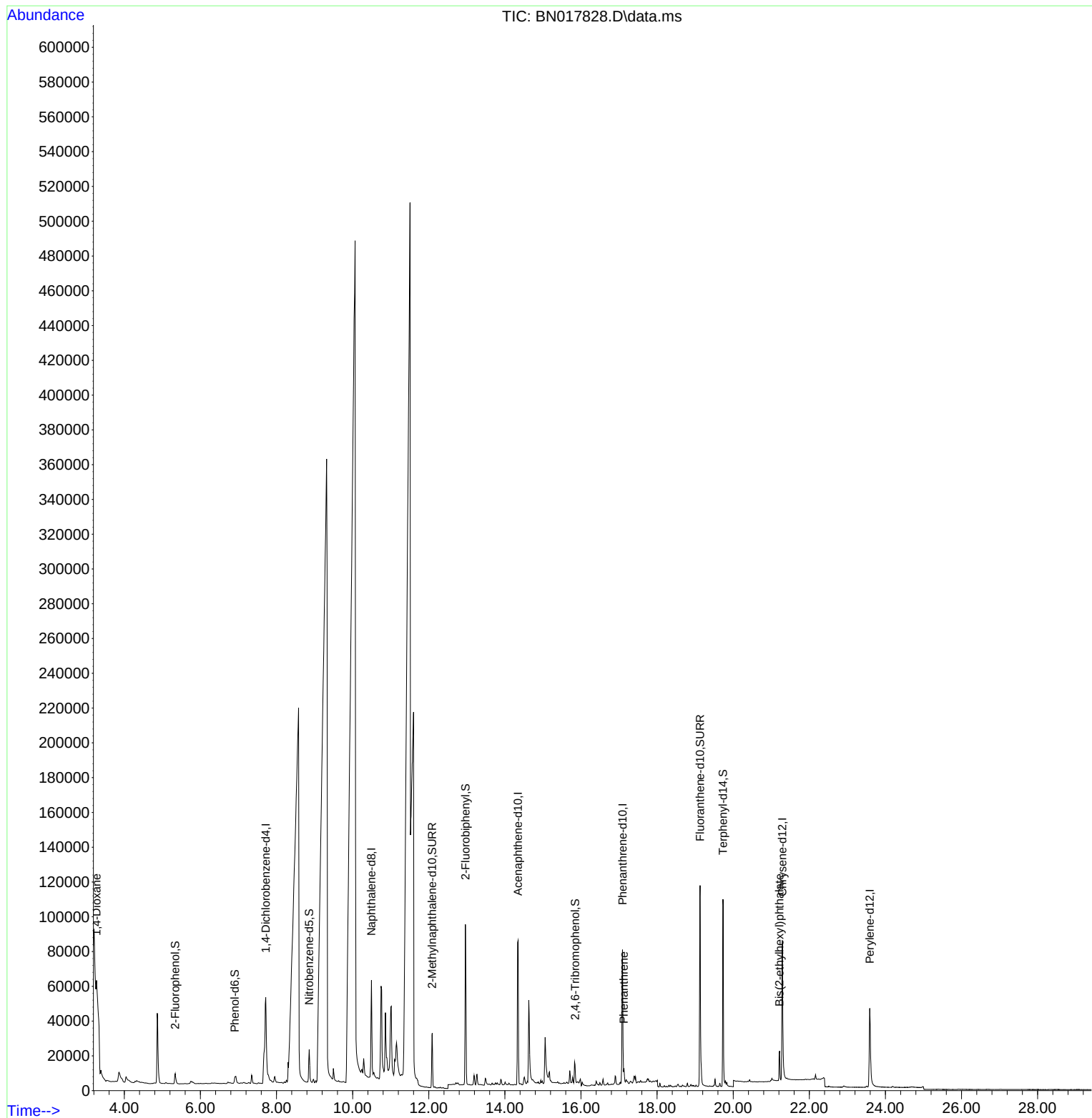
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017828.D
Acq On : 09 Dec 2021 09:58
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ALS Vial : 33 Sample Multiplier: 1

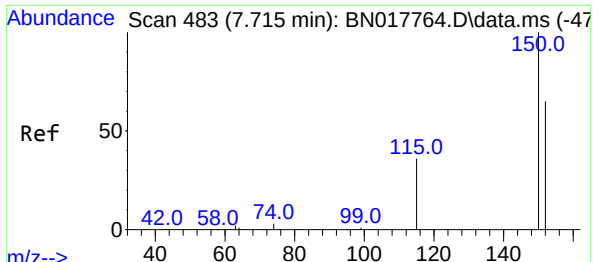
Instrument :
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ClientSampleId :
RE139D1-20211130

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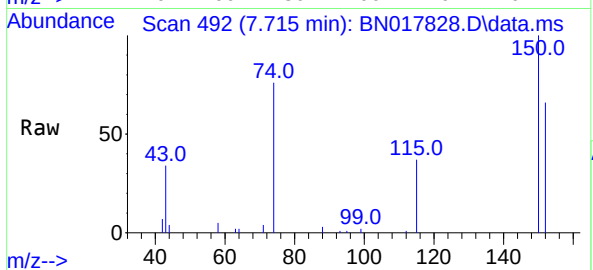
Quant Time: Dec 10 01:53:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017828.D
 Acq: 09 Dec 2021 09:58

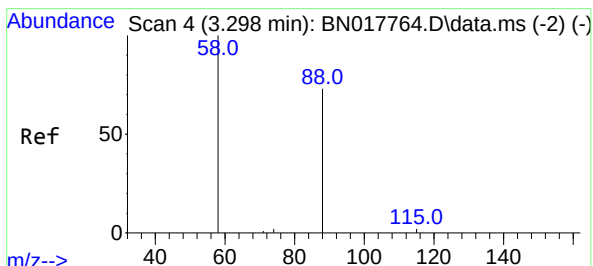
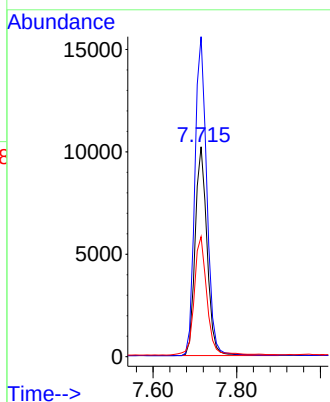
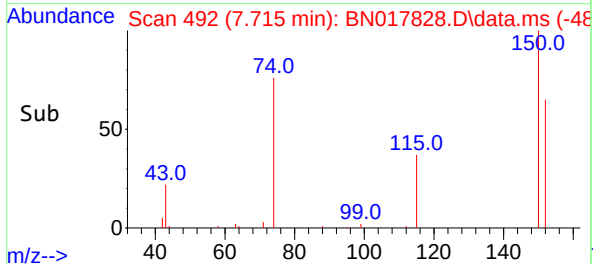
Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20211130



Tgt Ion: 152 Resp: 20192
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.0 184.4
 115 57.1 45.3 67.9

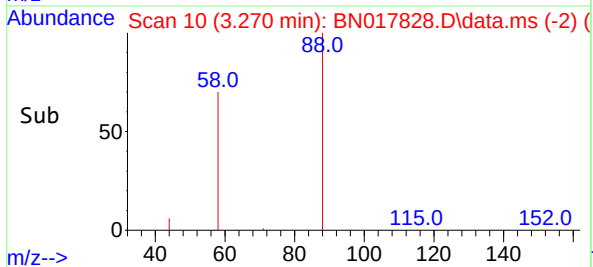
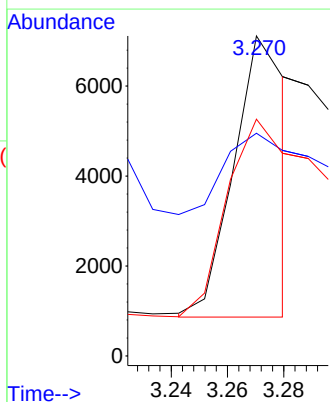
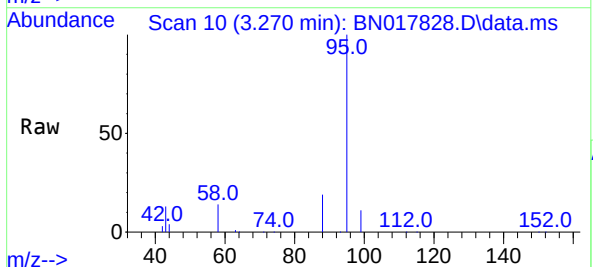
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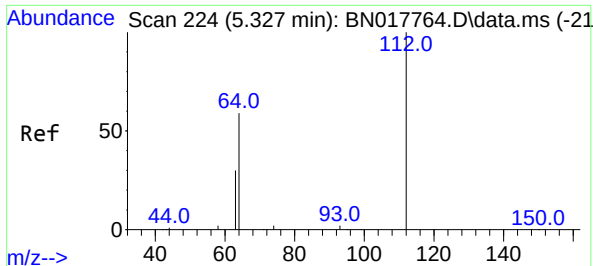
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 Supervised By :mohammad ahmed 12/15/2021



#2
 1,4-Dioxane
 Concen: 1.113 ng m
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017828.D
 Acq: 09 Dec 2021 09:58

Tgt Ion: 88 Resp: 8272
 Ion Ratio Lower Upper
 88 100
 43 56.5 0.0 0.0#
 58 157.9 0.0 0.0#





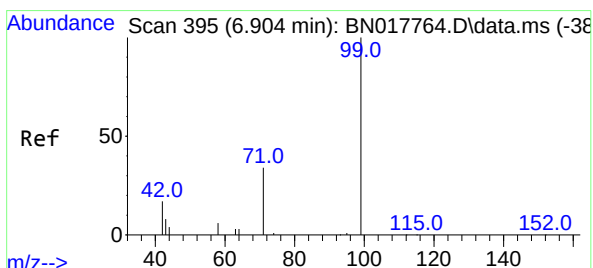
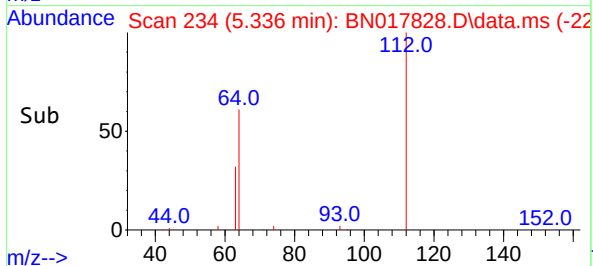
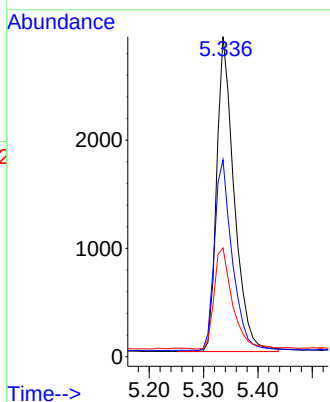
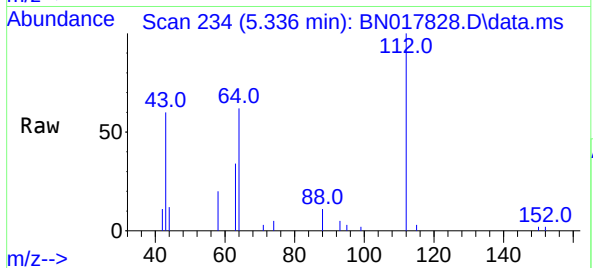
#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

Instrument :
BNA_N
ClientSampleId :
RE139D1-20211130

Tgt Ion: 112 Resp: 651
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 33.7 25.8 38.8

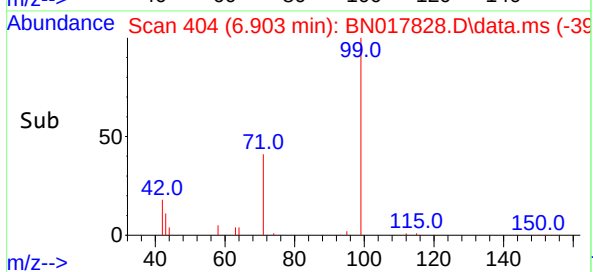
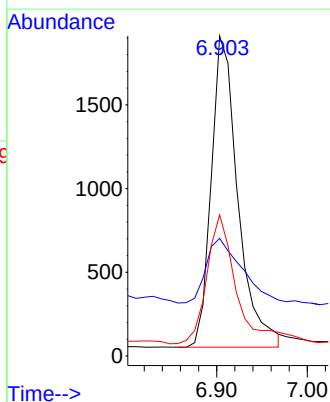
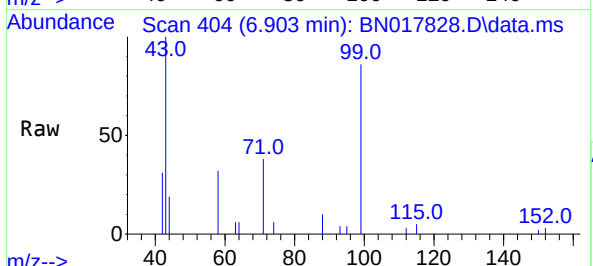
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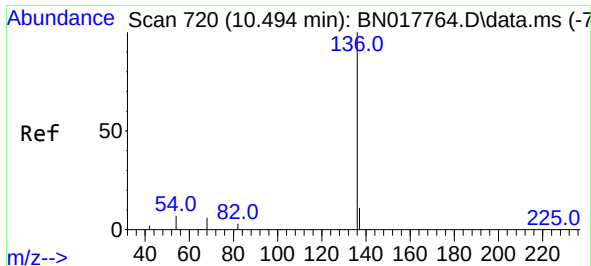
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Supervised By :mohammad ahmed 12/15/2021



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

Tgt Ion: 99 Resp: 3802
Ion Ratio Lower Upper
99 100
42 27.6 16.6 25.0#
71 44.7 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

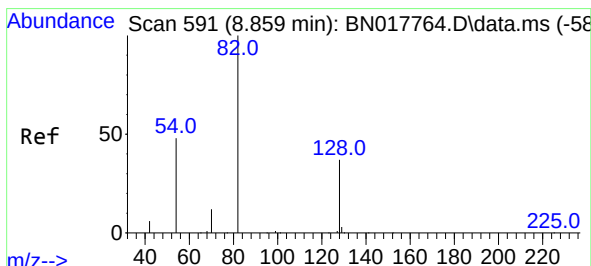
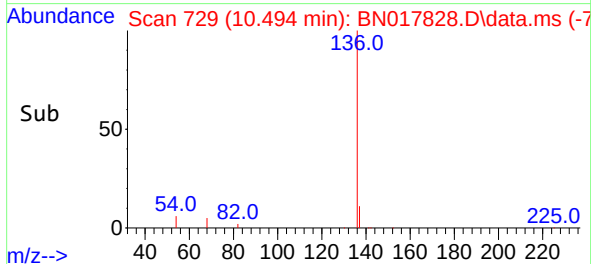
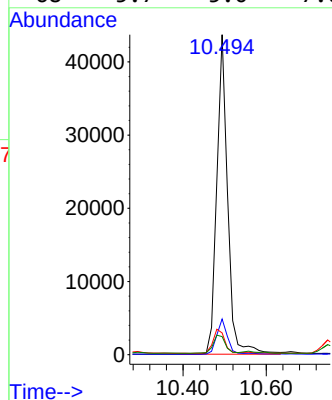
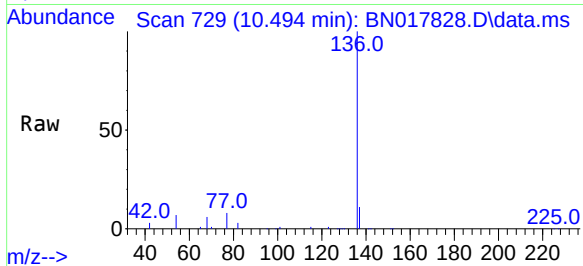
Instrument :
BNA_N
ClientSampleId :
RE139D1-20211130

Tgt Ion: 136 Resp: 7908

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.9	8.9
68	5.7	5.0	7.6

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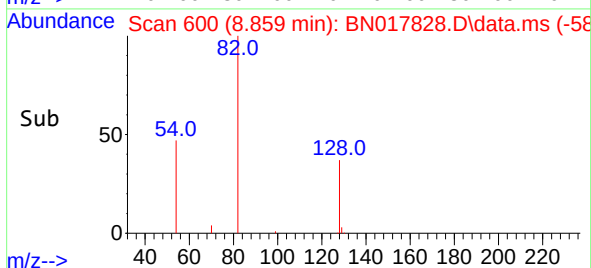
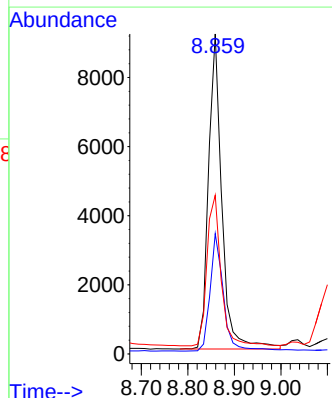
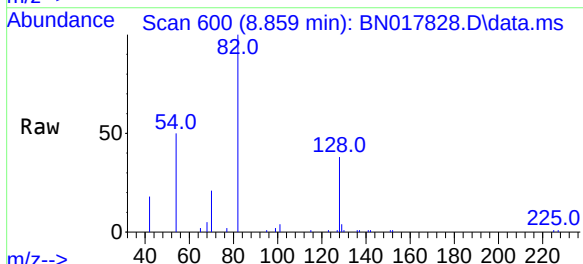
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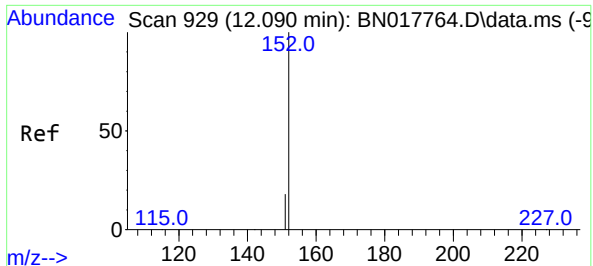


#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

Tgt Ion: 82 Resp: 18265

Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.2	45.2
54	49.6	39.0	58.6





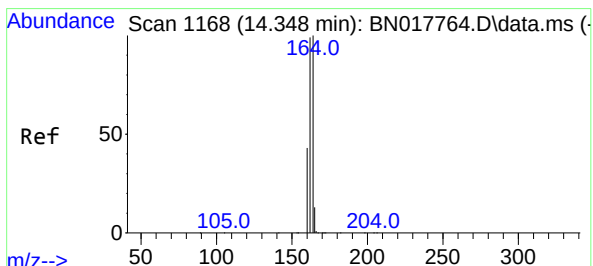
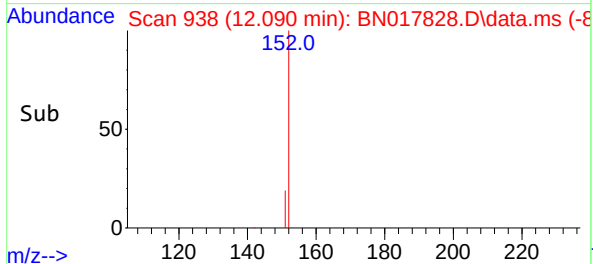
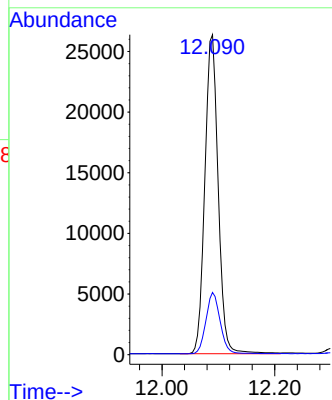
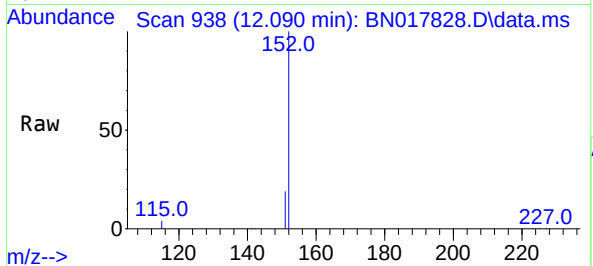
#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.090 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

Instrument :
BNA_N
ClientSampleId :
RE139D1-20211130

Tgt Ion:152 Resp: 43125
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

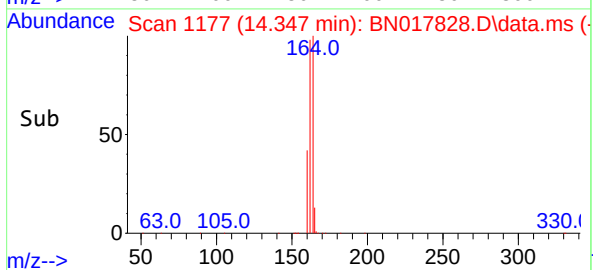
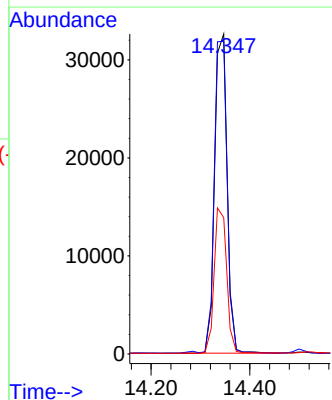
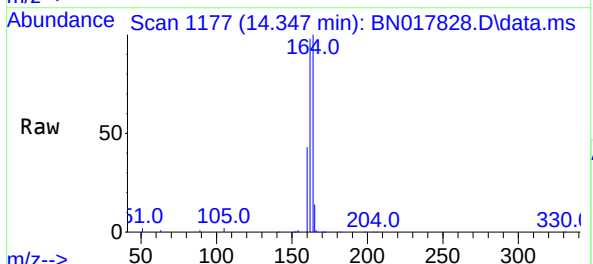
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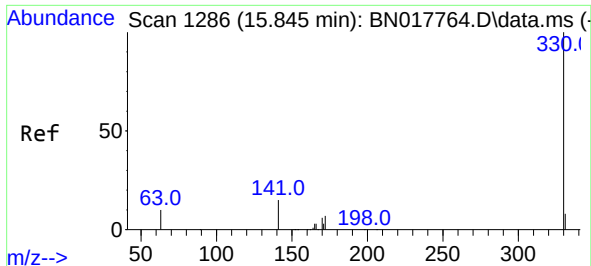
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

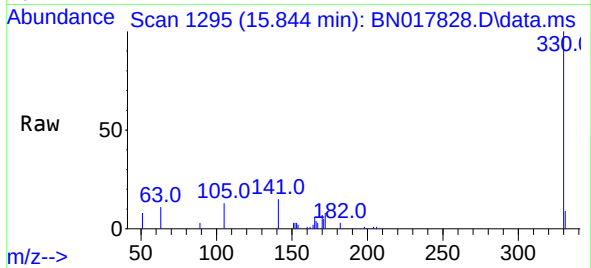
Tgt Ion:164 Resp: 57271
Ion Ratio Lower Upper
164 100
162 97.7 79.0 118.6
160 42.6 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.844 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

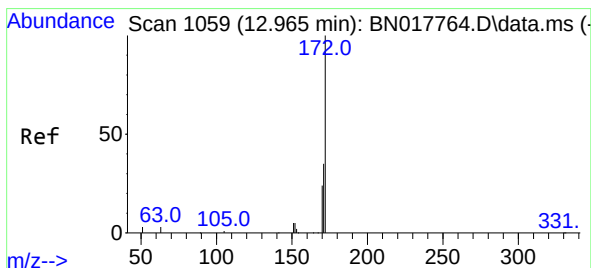
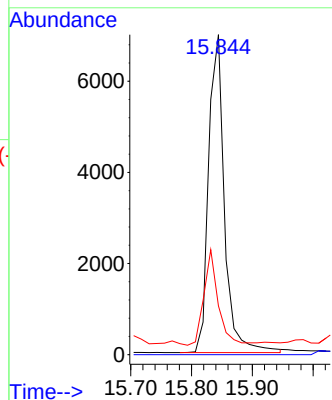
Instrument :
BNA_N
ClientSampleId :
RE139D1-20211130



Tgt Ion:330 Resp: 1265
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.5 21.5 32.3

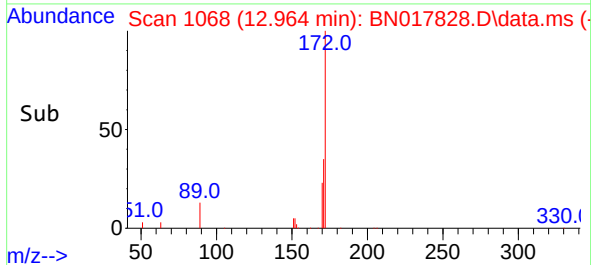
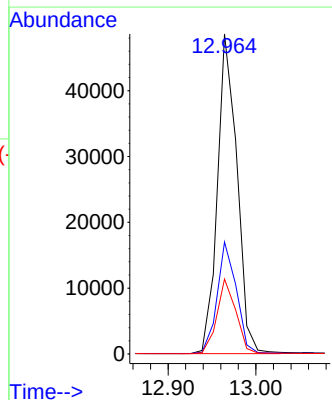
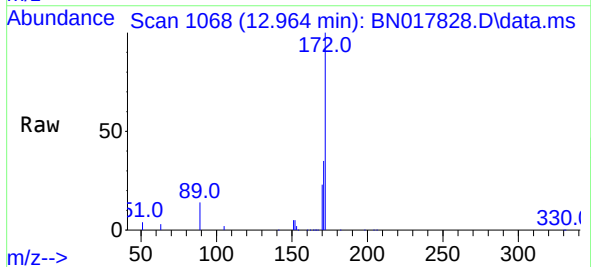
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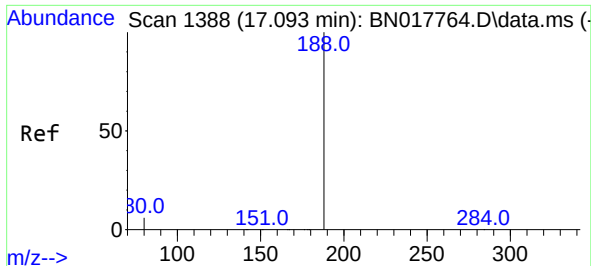
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

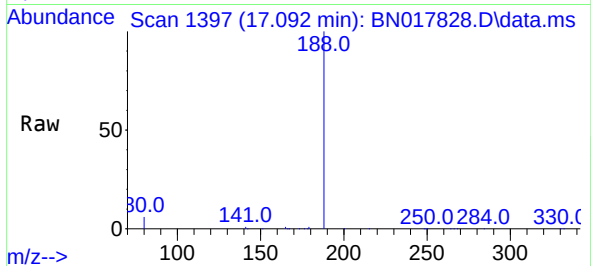
Tgt Ion:172 Resp: 75272
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

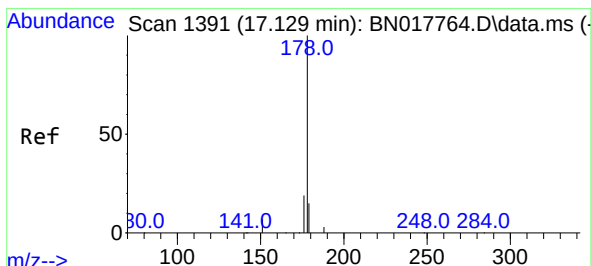
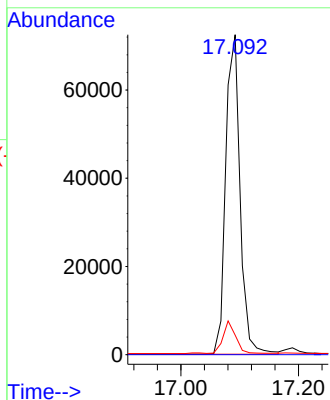
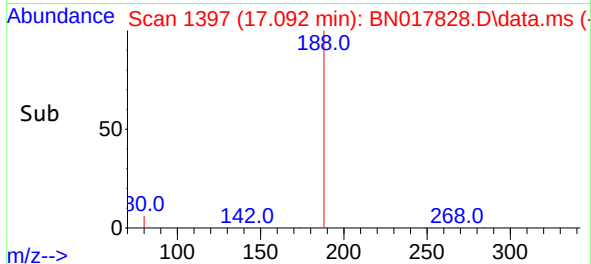
Instrument :
BNA_N
ClientSampleId :
RE139D1-20211130



Tgt Ion:188 Resp: 122840
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 5.1 7.7

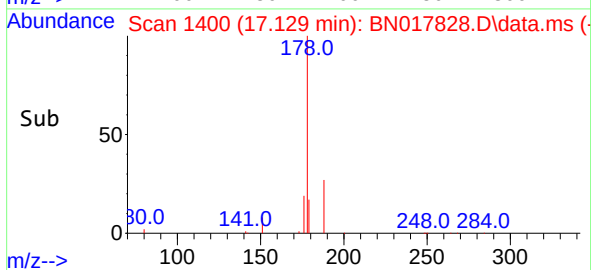
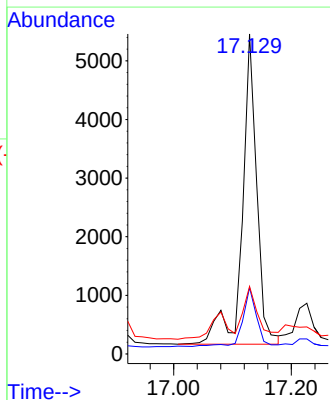
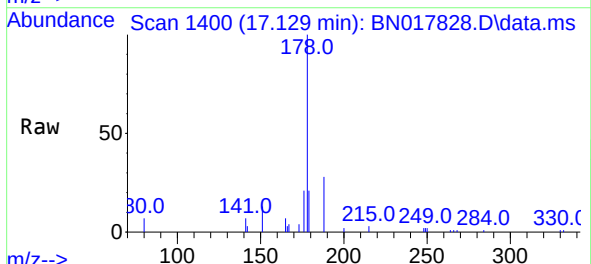
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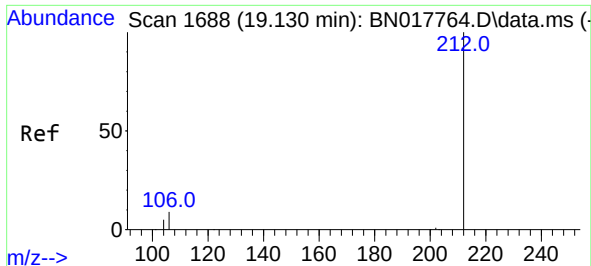
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#25
Phenanthrene
Concen: 0.028 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

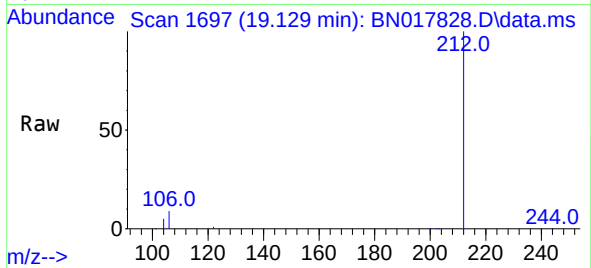
Tgt Ion:178 Resp: 9046
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 14.1 12.5 18.7





#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

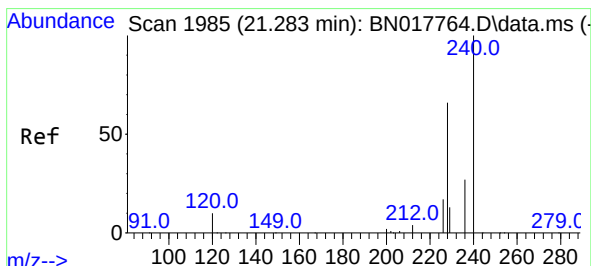
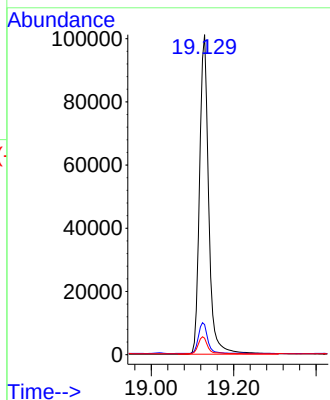
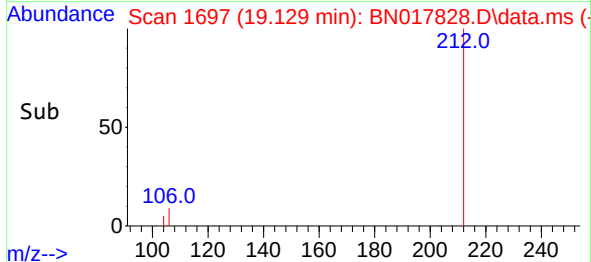
Instrument :
BNA_N
ClientSampleId :
RE139D1-20211130



Tgt Ion:212 Resp: 15569
Ion Ratio Lower Upper
212 100
106 9.6 8.2 12.2
104 5.6 4.6 6.8

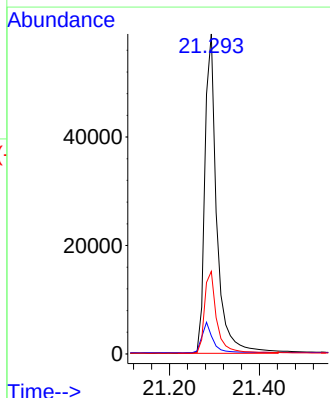
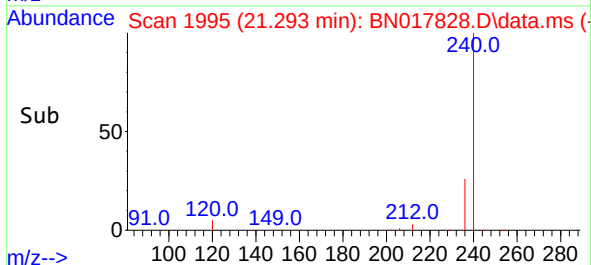
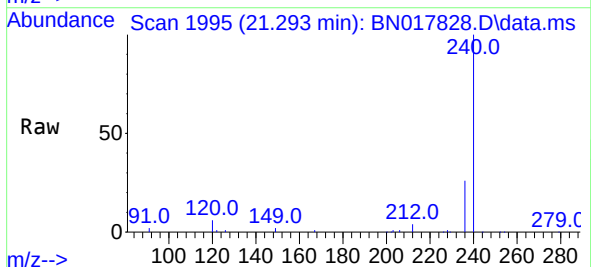
Manual Integrations
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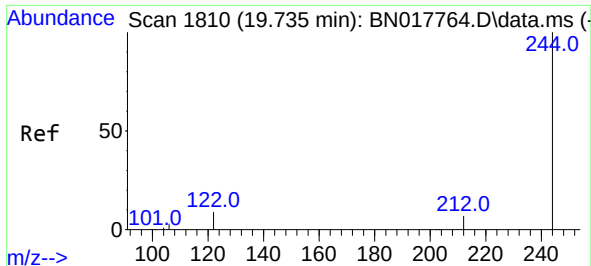
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

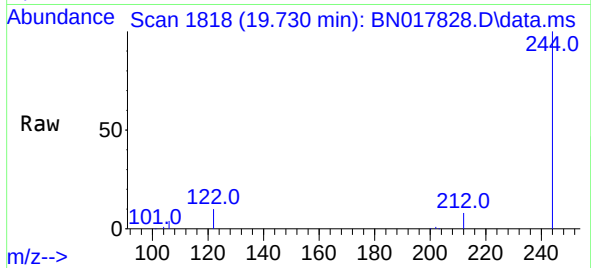
Tgt Ion:240 Resp: 108235
Ion Ratio Lower Upper
240 100
120 5.7 7.9 11.9#
236 25.8 21.4 32.2





#31
Terphenyl-d14
Concen: 0.550 ng
RT: 19.730 min Scan# 1810
Delta R.T. -0.005 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

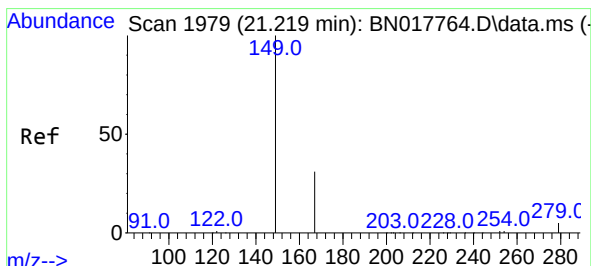
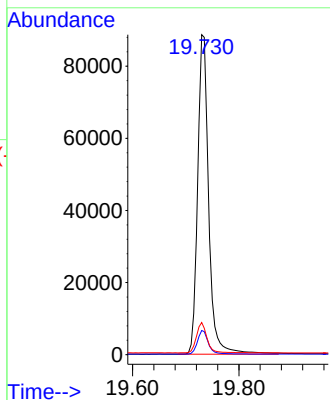
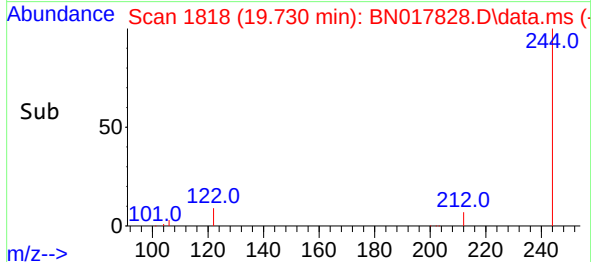
Instrument :
BNA_N
ClientSampleId :
RE139D1-20211130



Tgt Ion:244 Resp: 127879
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 10.0 7.1 10.7

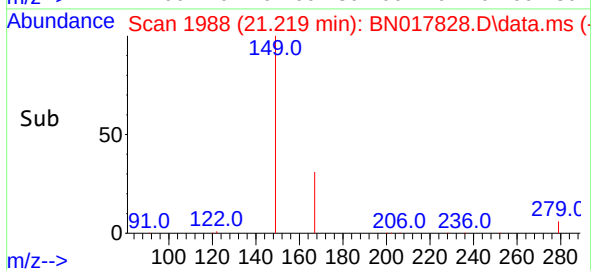
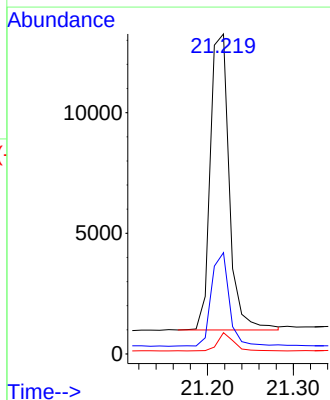
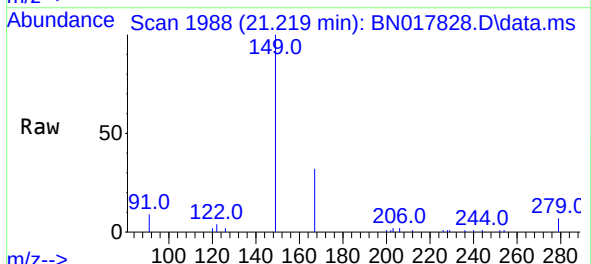
Manual Integrations
APPROVED

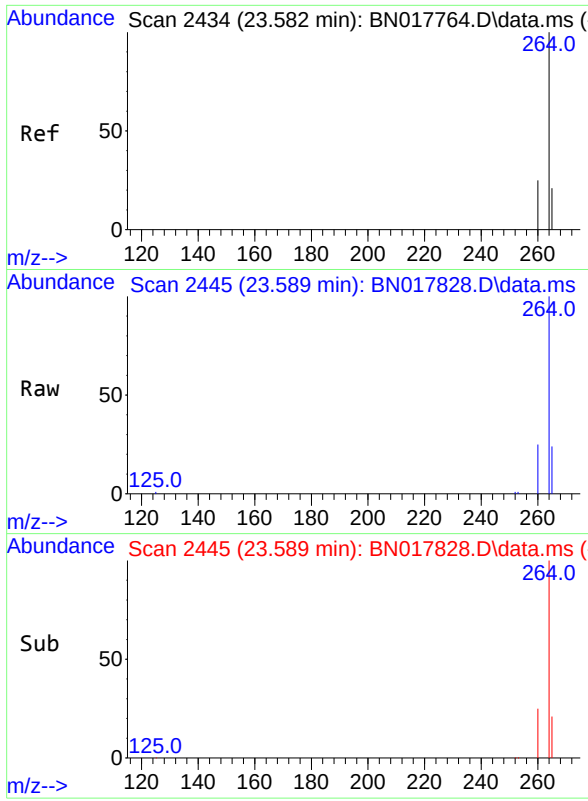
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.125 ng
RT: 21.219 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

Tgt Ion:149 Resp: 18855
Ion Ratio Lower Upper
149 100
167 29.7 23.5 35.3
279 5.1 3.8 5.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN017828.D
Acq: 09 Dec 2021 09:58

Instrument :
BNA_N
ClientSampleId :
RE139D1-20211130

Tgt Ion:264 Resp: 79338
Ion Ratio Lower Upper
264 100
260 25.4 20.0 30.0
265 23.7 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021

