

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021531.D
 Acq On : 01 Sep 2022 18:38
 Operator : CG/JU
 Sample : N4297-14DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220821DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 00:59:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5277	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16489	0.400	ng	# 0.01
13) Acenaphthene-d10	14.728	164	8963	0.400	ng	0.01
19) Phenanthrene-d10	17.480	188	18746	0.400	ng	0.01
29) Chrysene-d12	21.664	240	11815	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	7703	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	274	0.027	ng	0.00
5) Phenol-d6	7.231	99	183	0.014	ng	0.01
8) Nitrobenzene-d5	9.254	82	650m	0.058	ng	0.01
11) 2-Methylnaphthalene-d10	12.493	152	2377	0.064	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	159	0.054	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	2463	0.063	ng	0.01
27) Fluoranthene-d10	19.506	212	3754	0.078	ng	0.00
31) Terphenyl-d14	20.097	244	2476	0.093	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	10834	1.642	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.557	149	446	0.027	ng	# 94

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

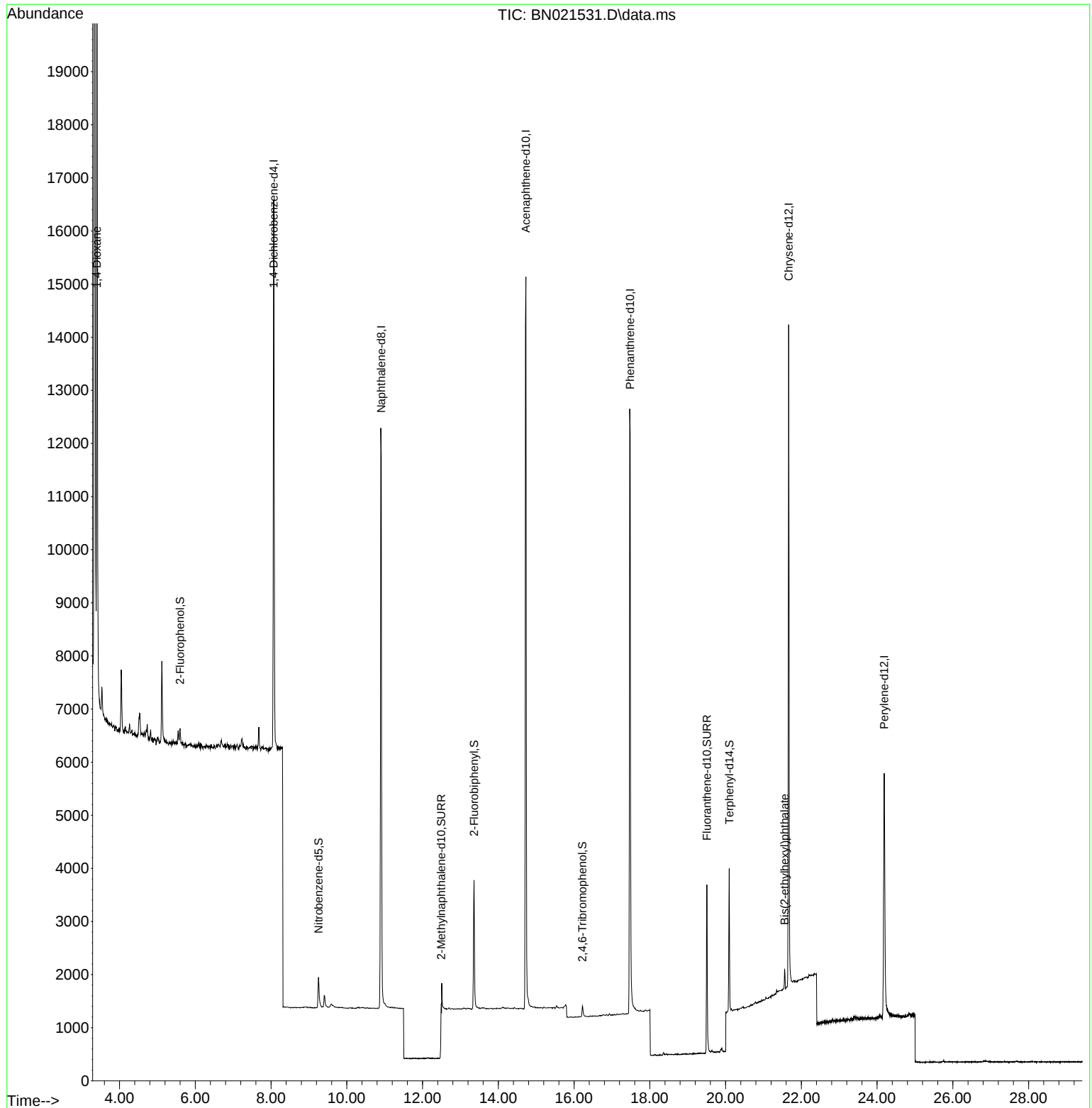
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021531.D
Acq On : 01 Sep 2022 18:38
Operator : CG/JU
Sample : N4297-14DL 5X
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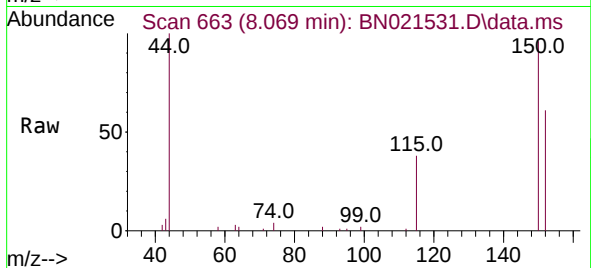
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

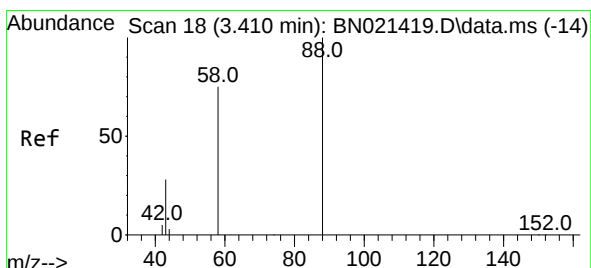
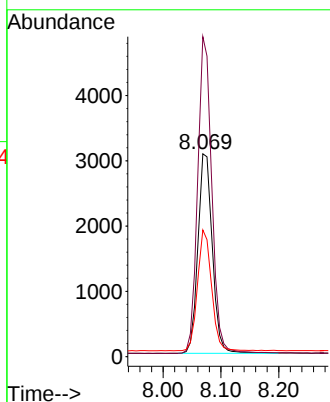
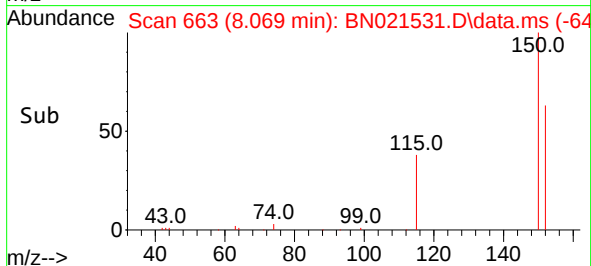
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220821DL



Tgt Ion: 152 Resp: 5272
Ion Ratio Lower Upper
152 100
150 157.8 121.4 182.0
115 62.5 48.6 72.8

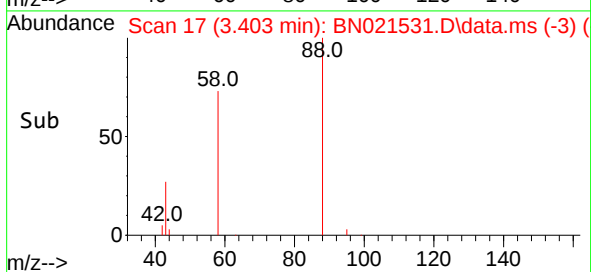
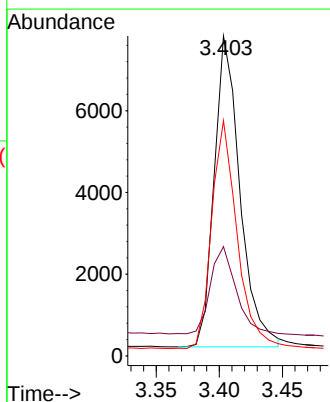
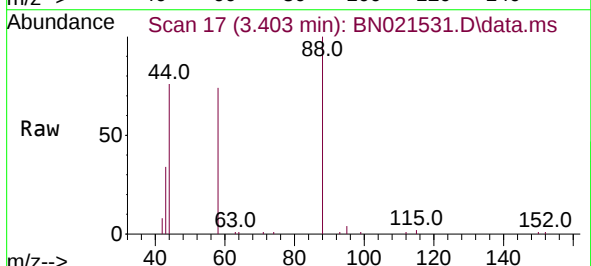
Manual Integrations
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Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#2
1,4-Dioxane
Concen: 1.642 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

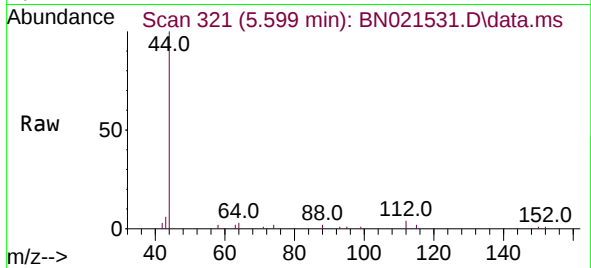
Tgt Ion: 88 Resp: 10834
Ion Ratio Lower Upper
88 100
43 27.8 35.8 53.8
58 72.2 57.1 85.7





#4
2-Fluorophenol
Concen: 0.027 ng
RT: 5.599 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

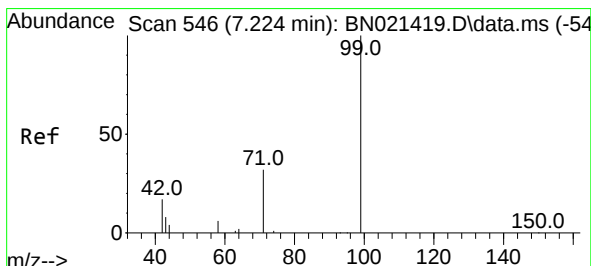
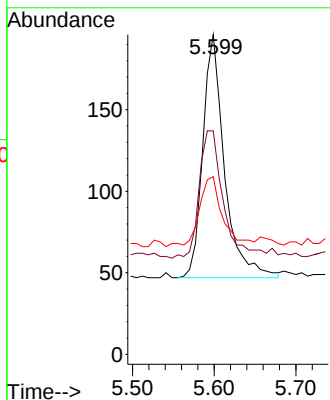
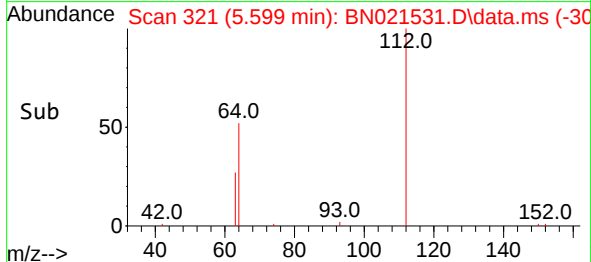
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220821DL



Tgt Ion: 112 Resp: 274
Ion Ratio Lower Upper
112 100
64 60.9 43.5 65.3
63 29.9 22.6 34.0

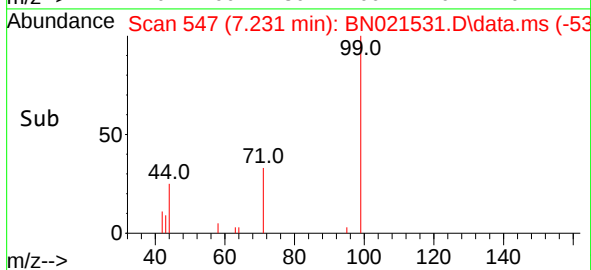
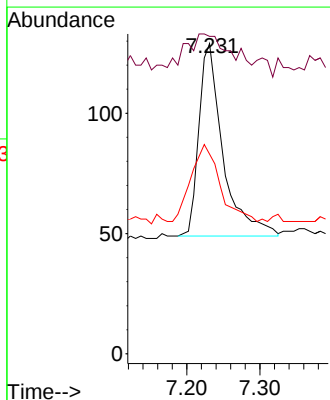
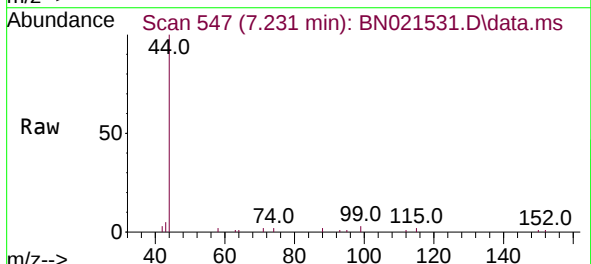
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#5
Phenol-d6
Concen: 0.014 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.014 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

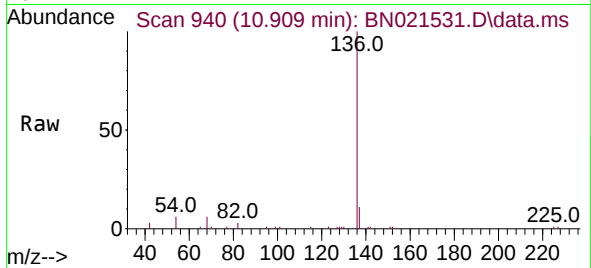
Tgt Ion: 99 Resp: 183
Ion Ratio Lower Upper
99 100
42 27.3 15.5 23.3#
71 49.7 24.2 36.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. 0.011 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

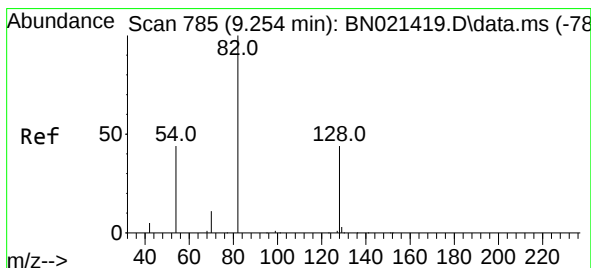
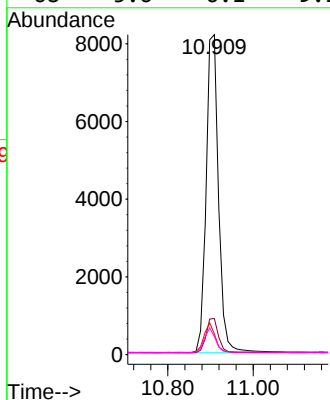
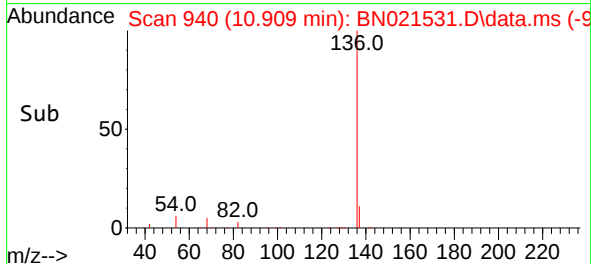
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220821DL



Tgt Ion:136 Resp: 16489
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 6.4 6.9 10.3
68 5.6 6.1 9.1#

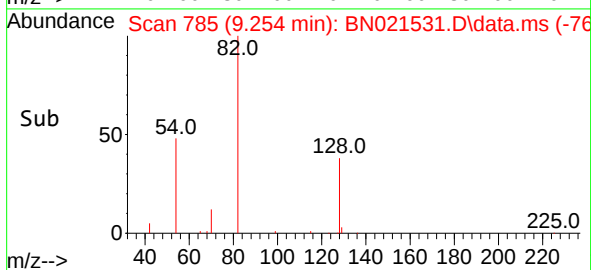
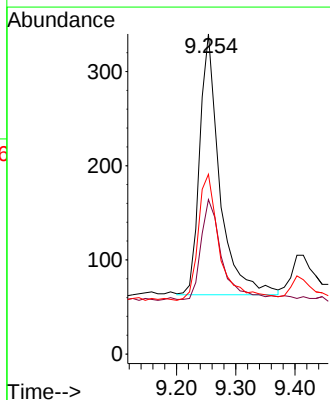
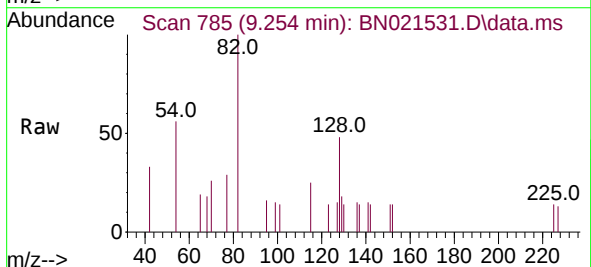
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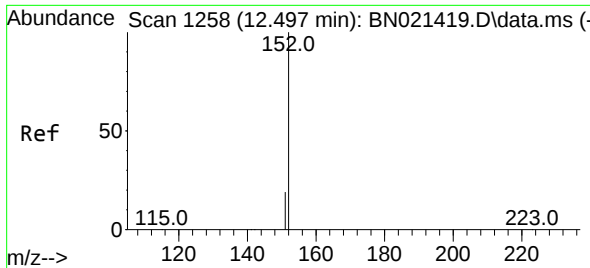
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#8
Nitrobenzene-d5
Concen: 0.058 ng m
RT: 9.254 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

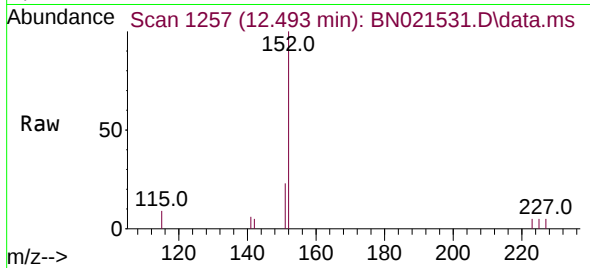
Tgt Ion: 82 Resp: 650
Ion Ratio Lower Upper
82 100
128 48.2 30.9 46.3#
54 56.2 42.7 64.1





#11
2-Methylnaphthalene-d10
Concen: 0.064 ng
RT: 12.493 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

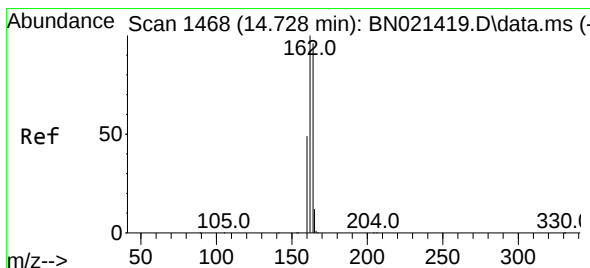
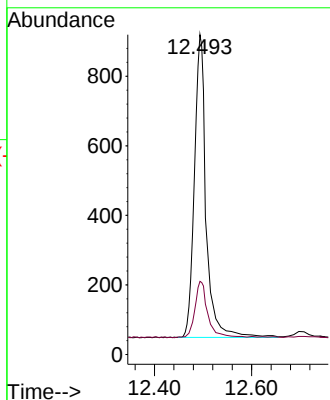
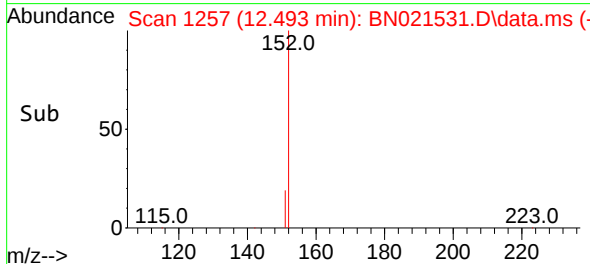
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220821DL



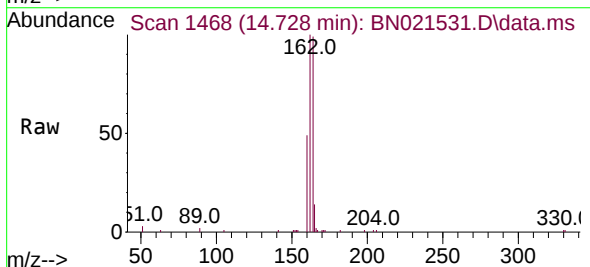
Tgt Ion:152 Resp: 237
Ion Ratio Lower Upper
152 100
151 16.4 14.5 21.7

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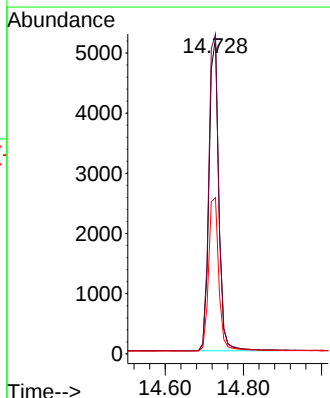
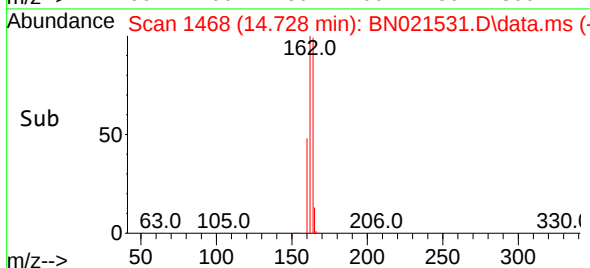
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.011 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38



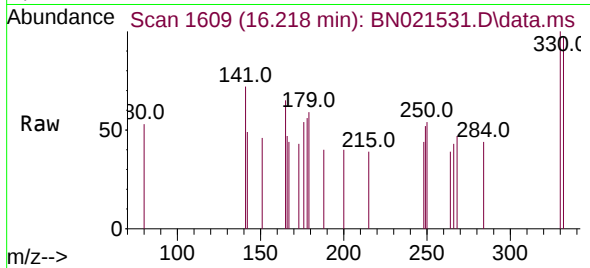
Tgt Ion:164 Resp: 8963
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.4
160 49.4 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.054 ng
RT: 16.218 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

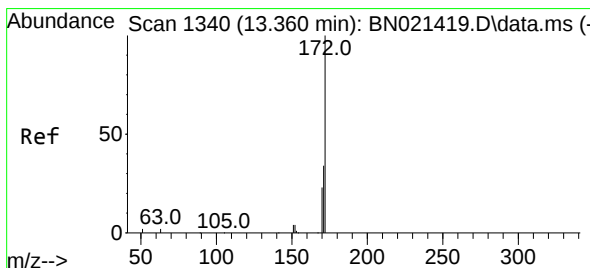
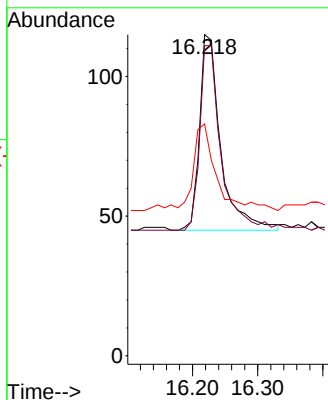
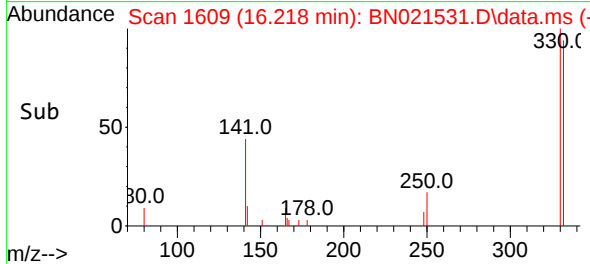
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220821DL



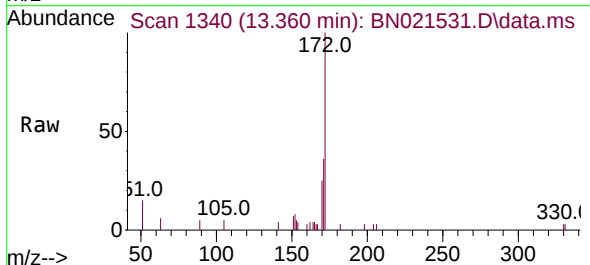
Tgt Ion:330 Resp: 159
Ion Ratio Lower Upper
330 100
332 94.3 79.3 118.9
141 47.8 37.1 55.7

Manual Integrations
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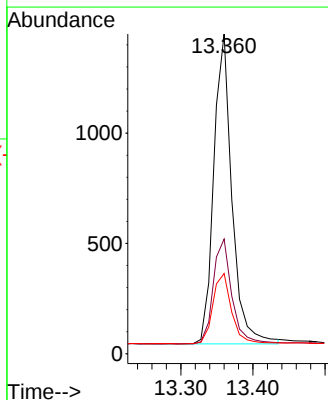
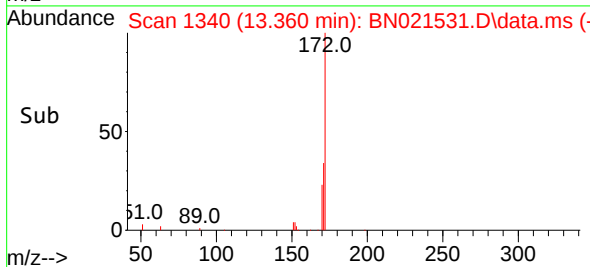
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

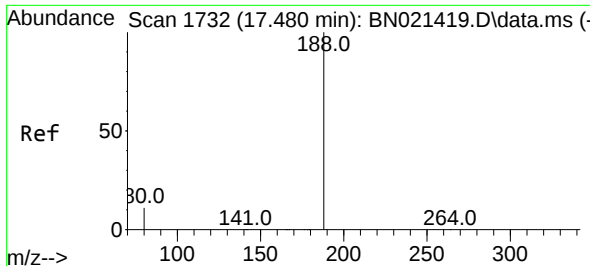


#15
2-Fluorobiphenyl
Concen: 0.063 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.011 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38



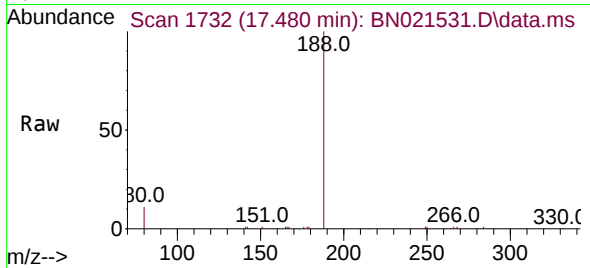
Tgt Ion:172 Resp: 2463
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 25.1 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.010 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

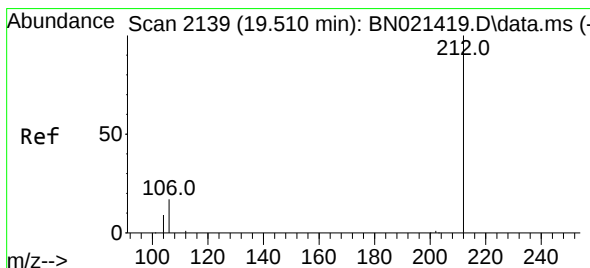
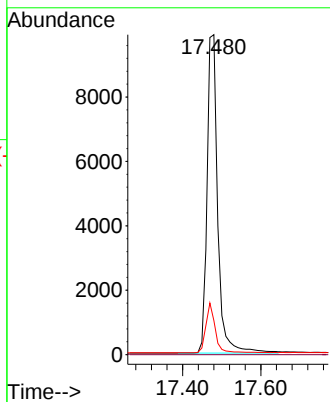
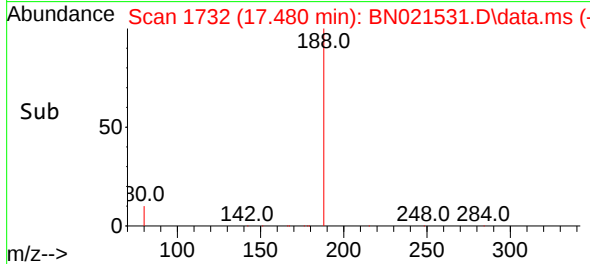
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:188 Resp: 18746
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 9.5 14.3

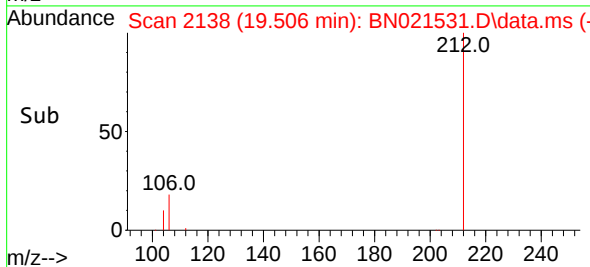
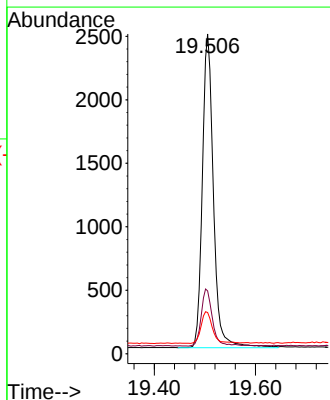
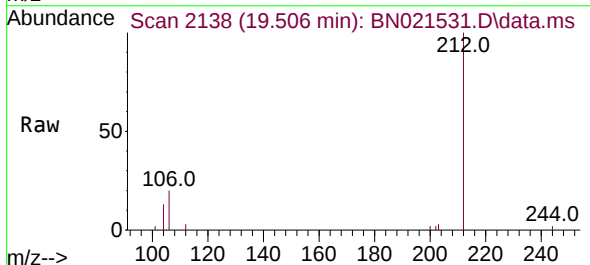
Manual Integrations
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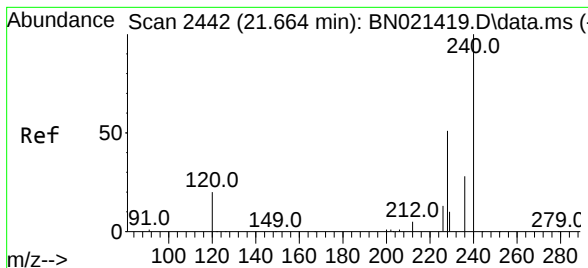
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#27
Fluoranthene-d10
Concen: 0.078 ng
RT: 19.506 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

Tgt Ion:212 Resp: 3754
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.3 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.664 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BN021531.D

Acq: 01 Sep 2022 18:38

Instrument :

BNA_N

ClientSampleId :

RE131D2-20220821DL

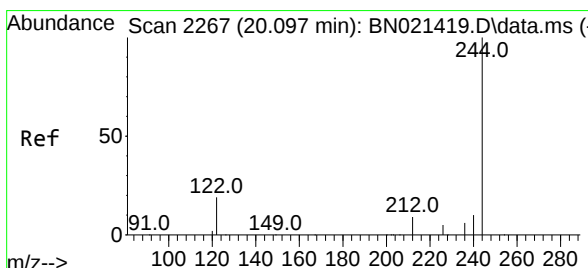
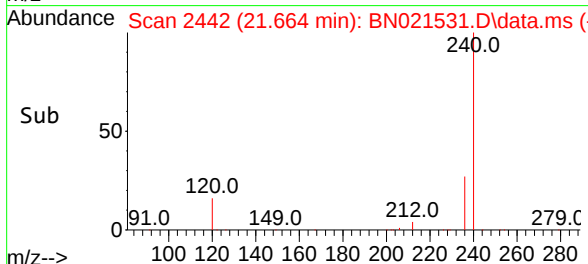
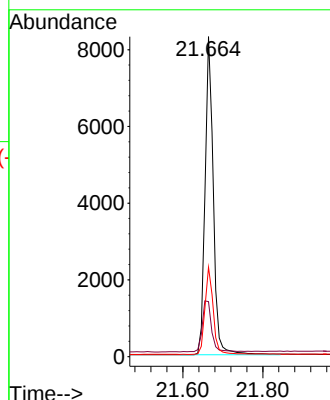
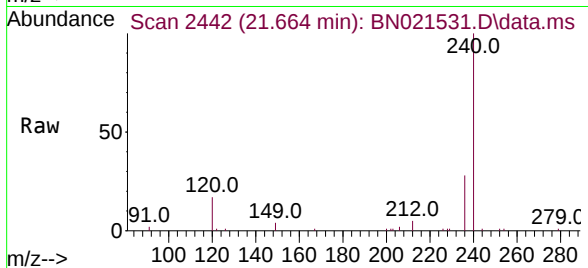
Tgt Ion:240	Resp:	11815
Ion Ratio	Lower	Upper
240	100	
120	17.2	10.2 15.4#
236	27.9	22.1 33.1#

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/02/2022



#31

Terphenyl-d14

Concen: 0.093 ng

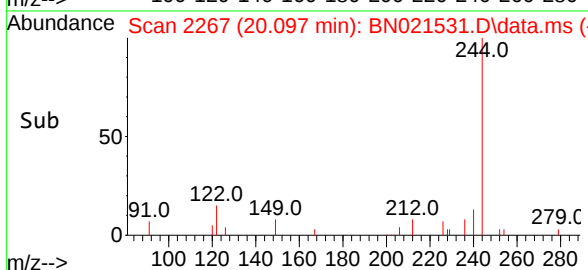
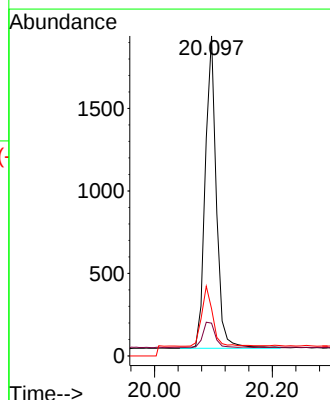
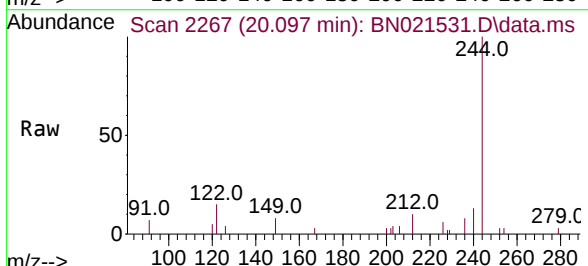
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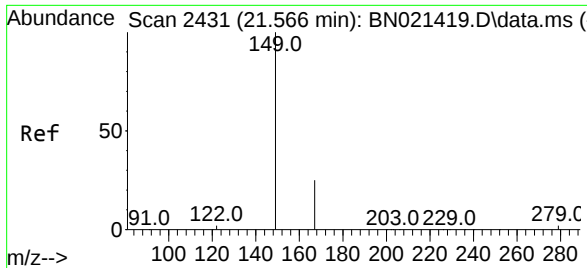
Delta R.T. -0.000 min

Lab File: BN021531.D

Acq: 01 Sep 2022 18:38

Tgt Ion:244	Resp:	2476
Ion Ratio	Lower	Upper
244	100	
212	10.3	6.5 9.7#
122	14.7	9.1 13.7#





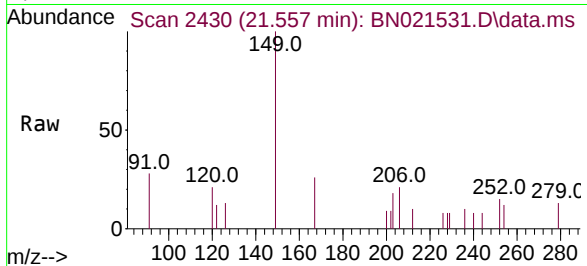
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 21.557 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

Instrument :

BNA_N

ClientSampleId :

RE131D2-20220821DL

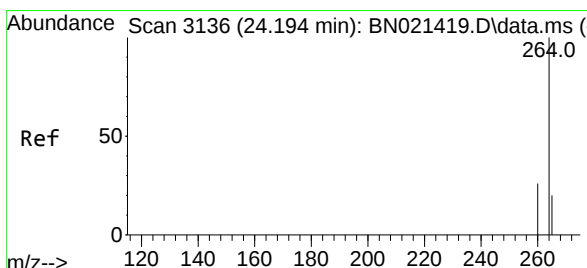
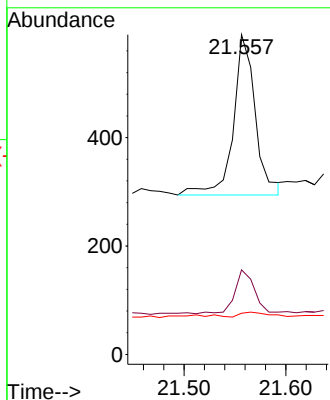
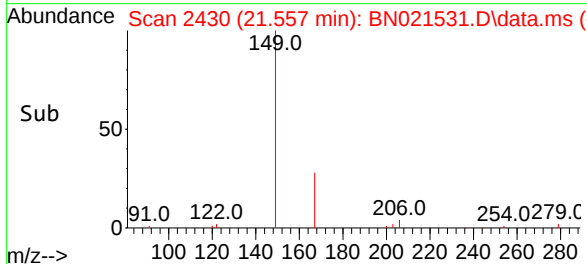


Tgt Ion:149 Resp: 446
Ion Ratio Lower Upper
149 100
167 23.5 21.4 32.0
279 3.8 2.2 3.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.188 min Scan# 3134
Delta R.T. 0.003 min
Lab File: BN021531.D
Acq: 01 Sep 2022 18:38

Tgt Ion:264 Resp: 7703
Ion Ratio Lower Upper
264 100
260 27.0 21.0 31.6
265 38.7 32.2 48.2

