

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029715.D
 Acq On : 29 Apr 2021 18:46
 Operator : CG/JU
 Sample : M2190-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-042721

Manual Integrations
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Quant Time: Apr 30 01:07:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 17:34:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	70996	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	246234	20.00	ng	# 0.00
39) Acenaphthene-d10	14.245	164	166749	20.00	ng	0.00
64) Phenanthrene-d10	16.986	188	362874	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	426527	20.00	ng	# 0.00
86) Perylene-d12	23.350	264	453677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	150874	44.31	ng	0.00
7) Phenol-d6	6.775	99	179037	38.72	ng	0.00
23) Nitrobenzene-d5	8.751	82	115265	27.05	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	98008	37.02	ng	0.00
45) 2-Fluorobiphenyl	12.857	172	349597	27.19	ng	0.00
79) Terphenyl-d14	19.621	244	617346	26.57	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.051	202	100786	4.01	ng	97
78) Pyrene	19.410	202	103185	3.77	ng	97
81) Benzo(a)anthracene	21.157	228	57835	2.08	ng	96
83) Chrysene	21.209	228	61696	2.24	ng	97
88) Benzo(b)fluoranthene	22.703	252	72080m	2.40	ng	
90) Benzo(a)pyrene	23.256	252	55744	2.03	ng	# 95

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

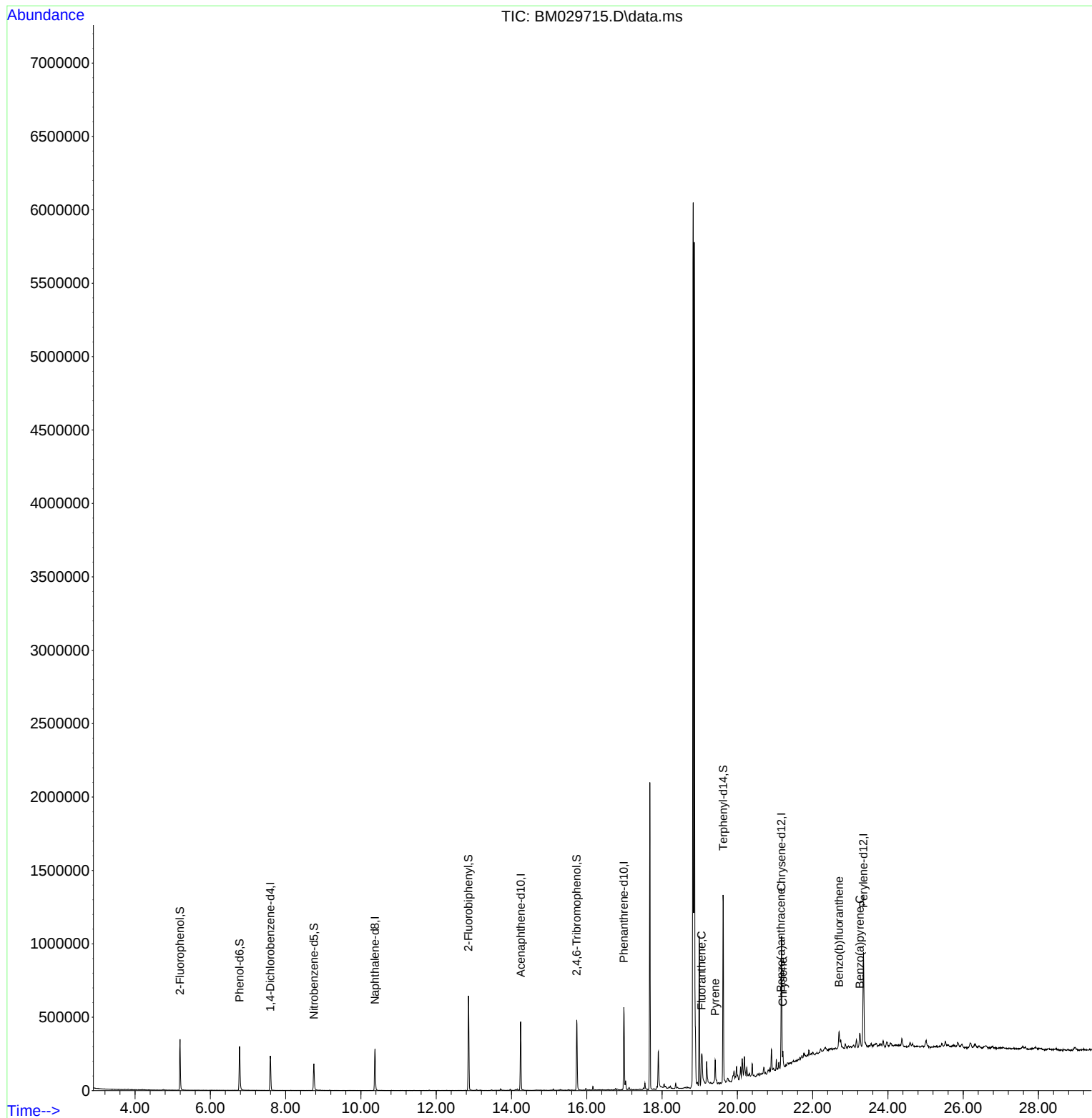
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Data File : BM029715.D
Acq On : 29 Apr 2021 18:46
Operator : CG/JU
Sample : M2190-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

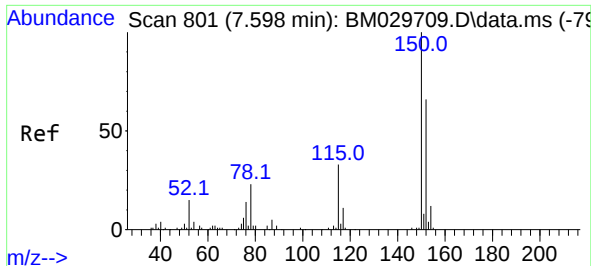
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

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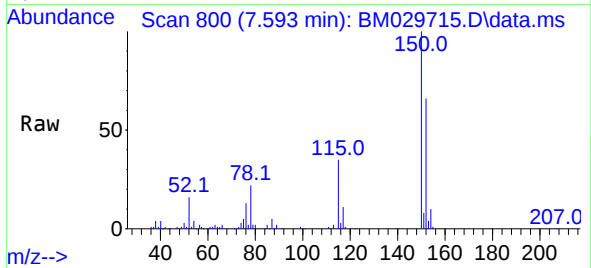
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Quant Time: Apr 30 01:07:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 17:34:54 2021
Response via : Initial Calibration

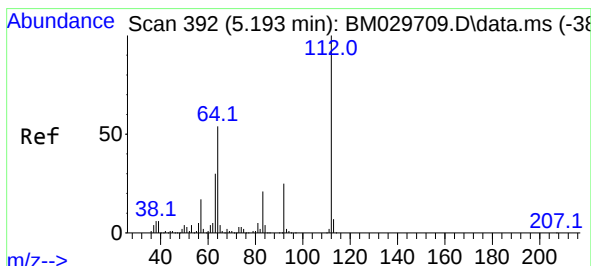
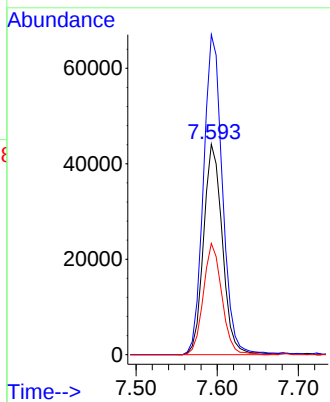
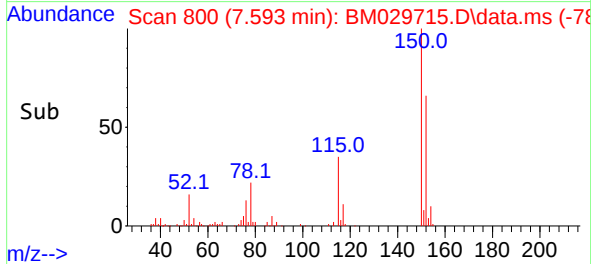




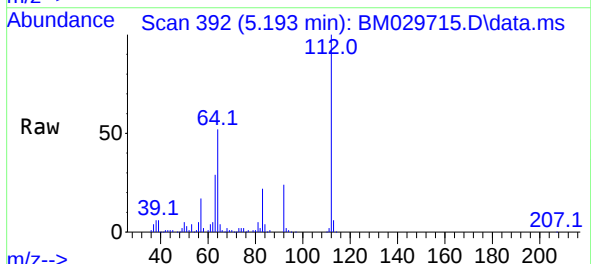
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.593 min Scan# 800
Delta R.T. -0.005 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46



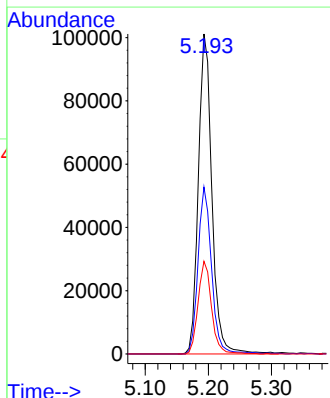
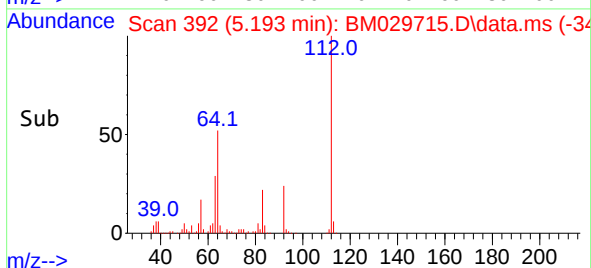
Tgt Ion:152 Resp: 70996
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 52.8 44.6 67.0



#5
2-Fluorophenol
Concen: 44.31 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46



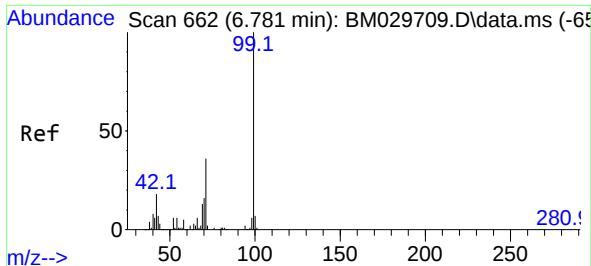
Tgt Ion:112 Resp: 150874
Ion Ratio Lower Upper
112 100
64 52.2 47.1 70.7
63 28.9 27.3 40.9



Instrument :
BNA_M
ClientSampleId :
NB-08-042721

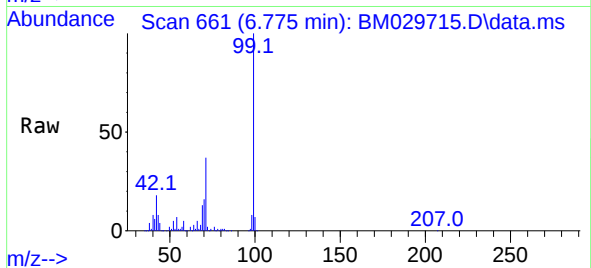
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#7
Phenol-d6
Concen: 38.72 ng
RT: 6.775 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

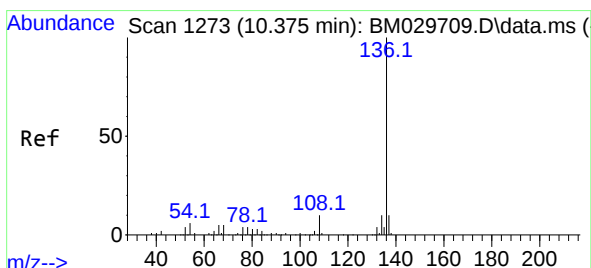
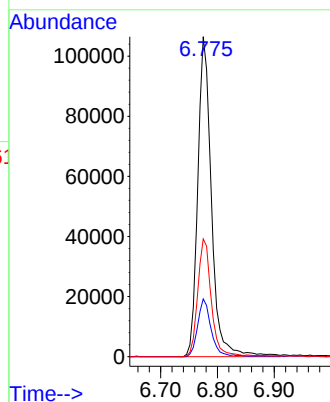
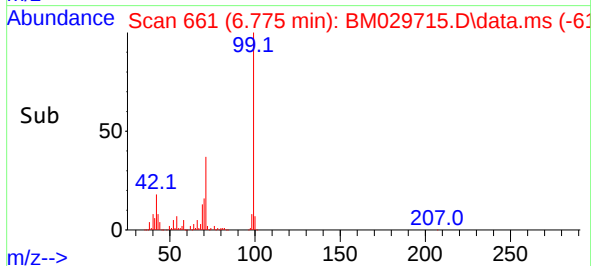
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ClientSampleId :
NB-08-042721



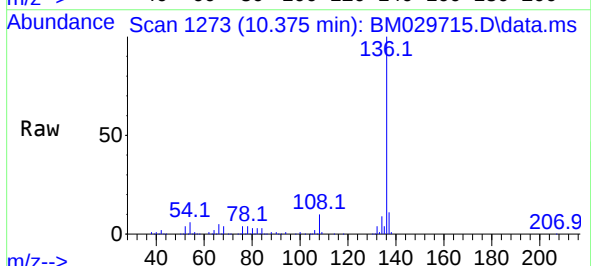
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Ion Ratio Lower Upper
99 100
42 18.1 18.0 27.0
71 36.8 30.9 46.3

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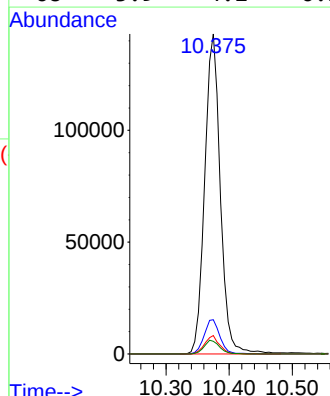
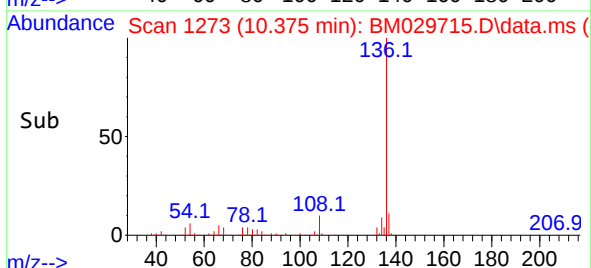
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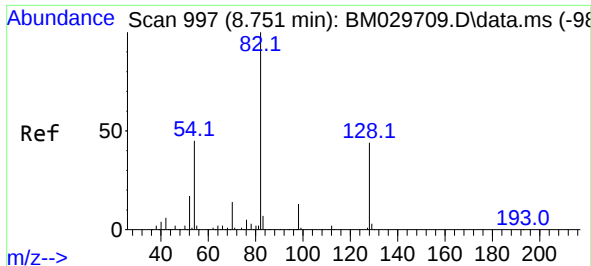


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46



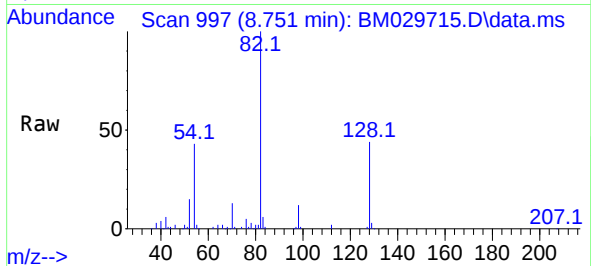
Tgt Ion: 136 Resp: 246234
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 5.8 5.5 8.3
68 3.9 4.2 6.2#





#23
Nitrobenzene-d5
Concen: 27.05 ng
RT: 8.751 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

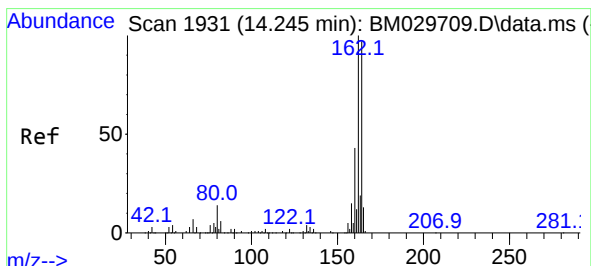
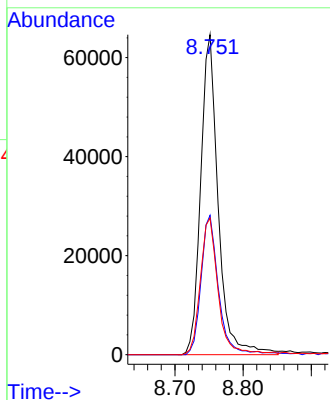
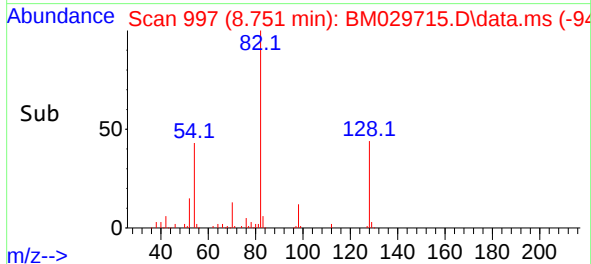
Instrument :
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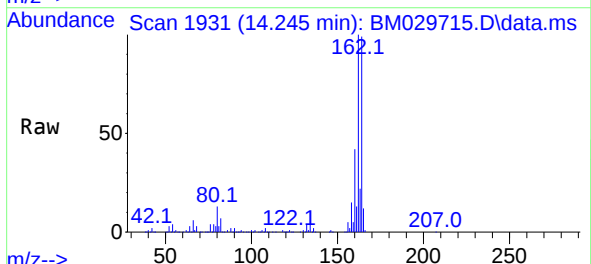
Tgt Ion: 82 Resp: 115265
Ion Ratio Lower Upper
82 100
128 43.6 31.1 46.7
54 42.7 37.3 55.9

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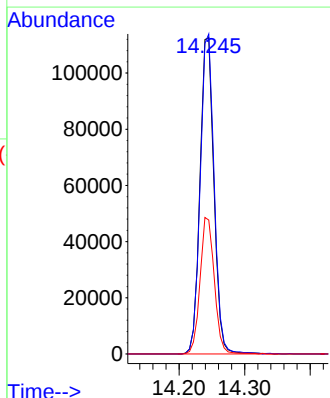
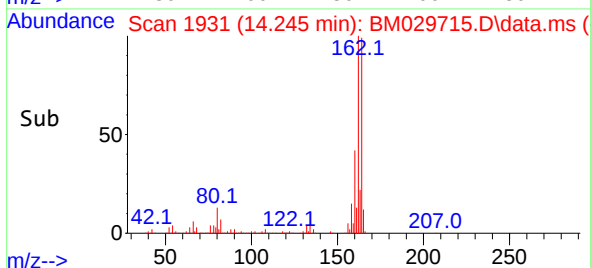
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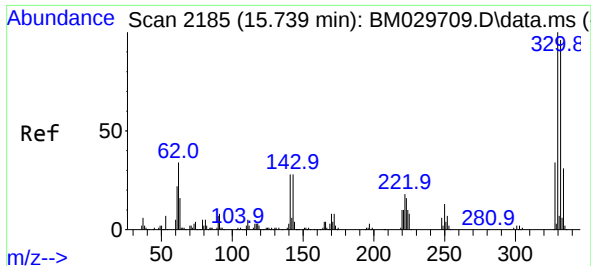


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

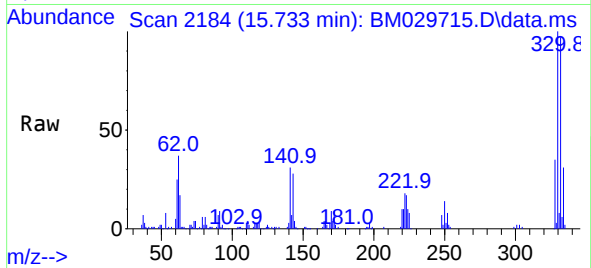


Tgt Ion: 164 Resp: 166749
Ion Ratio Lower Upper
164 100
162 101.2 83.4 125.0
160 42.3 37.2 55.8

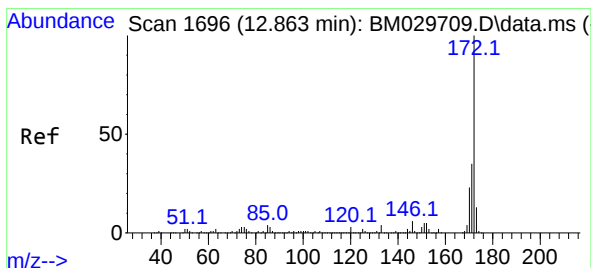
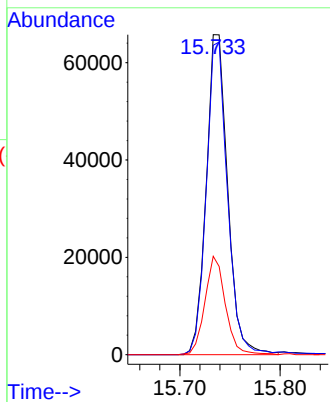
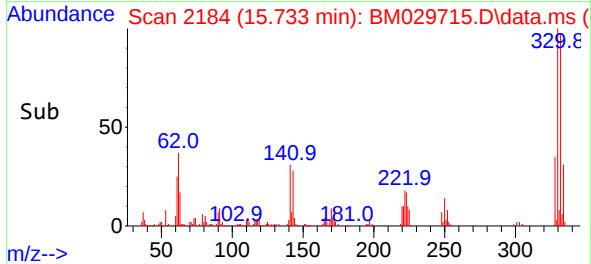




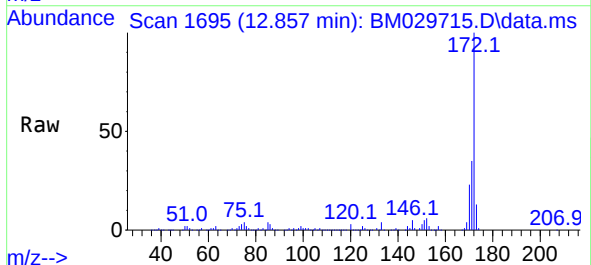
#42
2,4,6-Tribromophenol
Concen: 37.02 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46



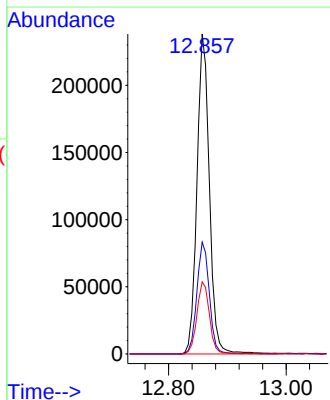
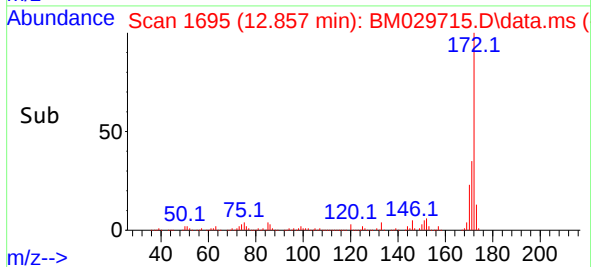
Tgt Ion:330 Resp: 98008
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 29.4 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 27.19 ng
RT: 12.857 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46



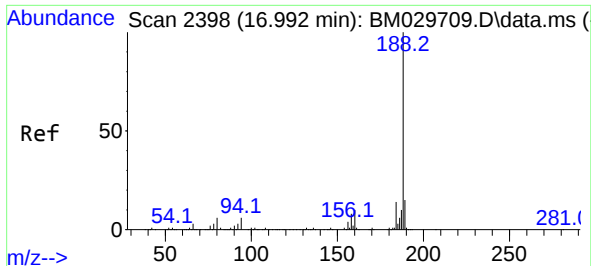
Tgt Ion:172 Resp: 349597
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.6 18.4 27.6



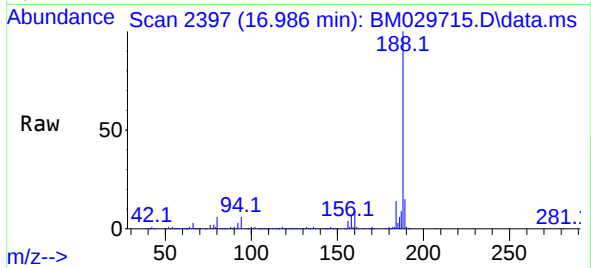
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

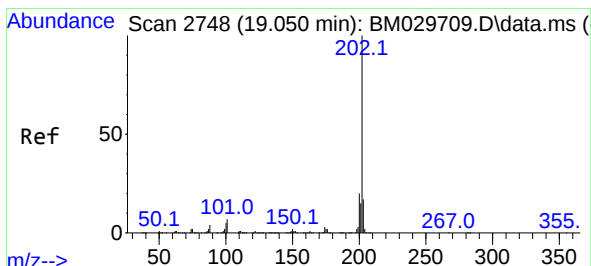
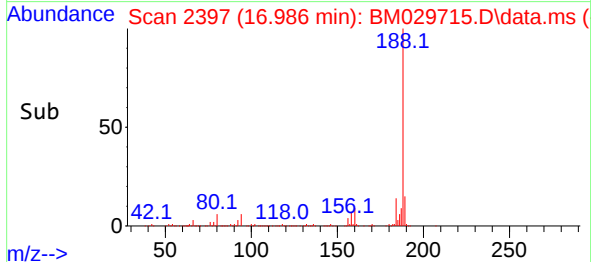
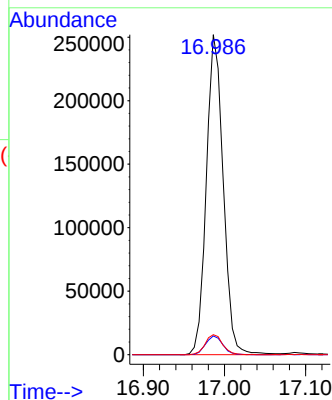


Tgt Ion:188 Resp: 362874
Ion Ratio Lower Upper
188 100
94 5.8 6.0 9.0#
80 6.3 6.6 9.8#

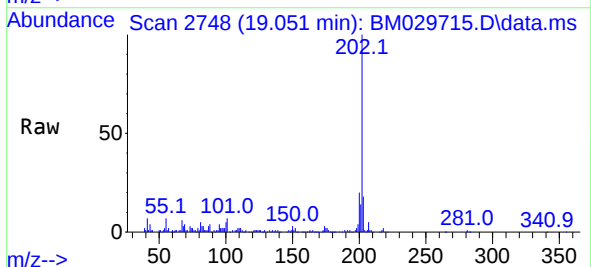
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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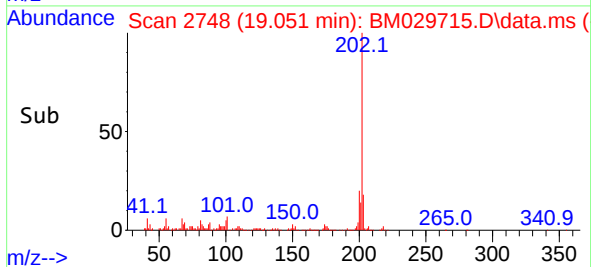
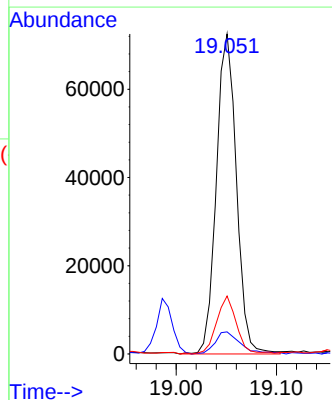
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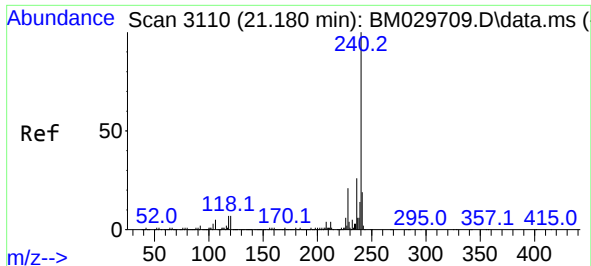


#75
Fluoranthene
Concen: 4.01 ng
RT: 19.051 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46



Tgt Ion:202 Resp: 100786
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.6
203 18.1 0.0 37.3





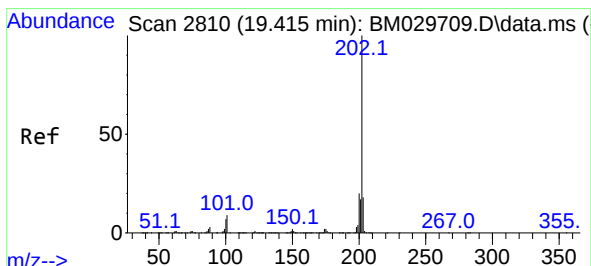
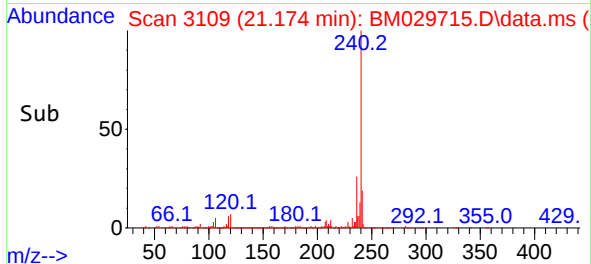
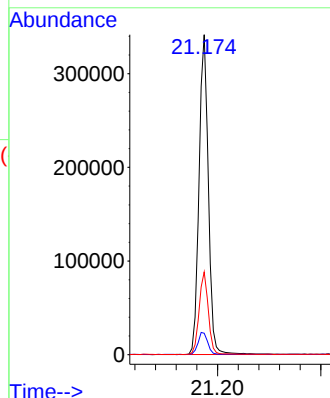
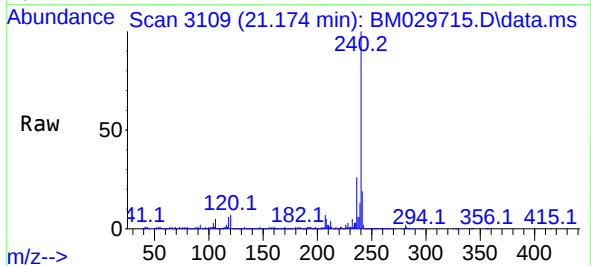
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:240 Resp: 426527
Ion Ratio Lower Upper
240 100
120 6.7 7.0 10.6#
236 25.9 21.0 31.4

Instrument :
BNA_M
ClientSampleId :
NB-08-042721

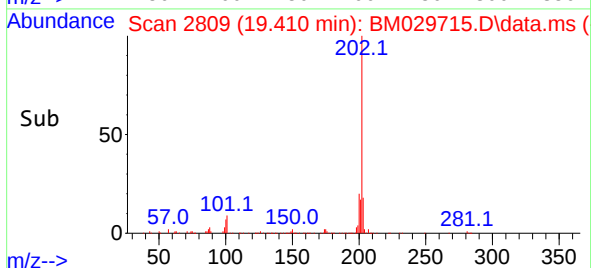
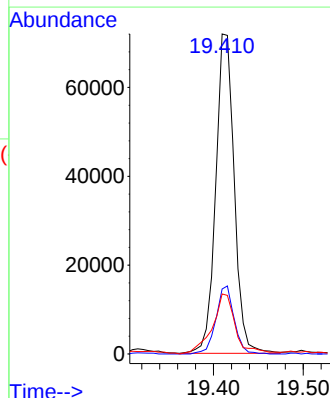
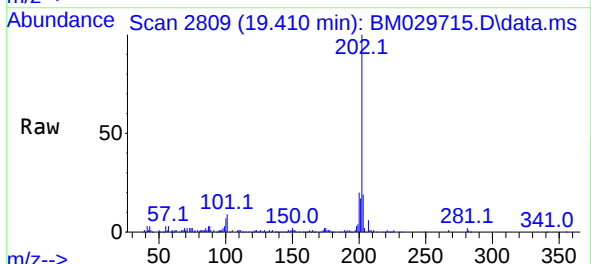
Manual Integrations
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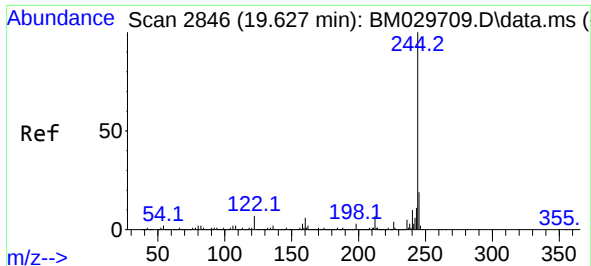
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#78
Pyrene
Concen: 3.77 ng
RT: 19.410 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:202 Resp: 103185
Ion Ratio Lower Upper
202 100
200 20.3 17.3 25.9
203 18.8 13.9 20.9





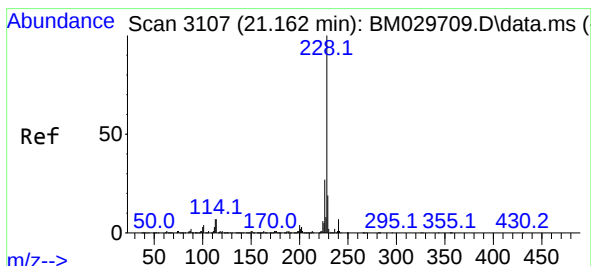
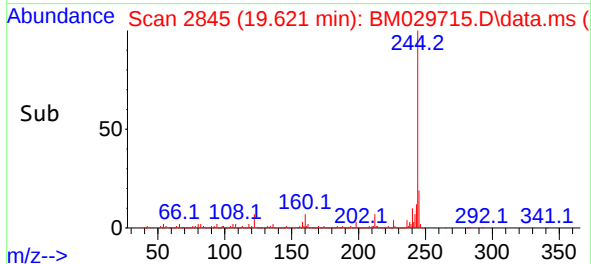
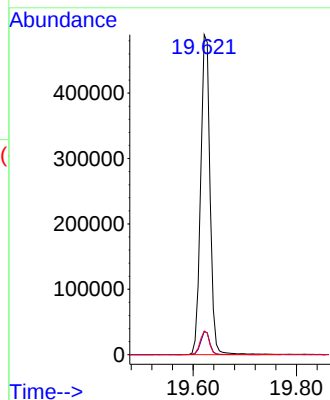
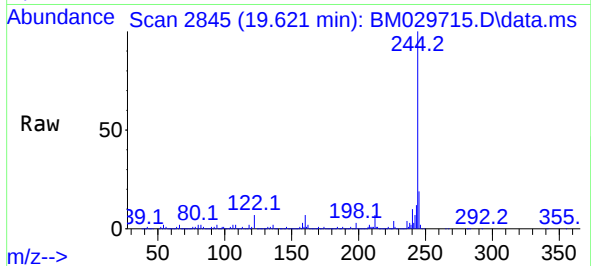
#79
Terphenyl-d14
Concen: 26.57 ng
RT: 19.621 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:244 Resp: 617346
Ion Ratio Lower Upper
244 100
212 7.2 6.3 9.5
122 7.4 6.9 10.3

Instrument :
BNA_M
ClientSampleId :
NB-08-042721

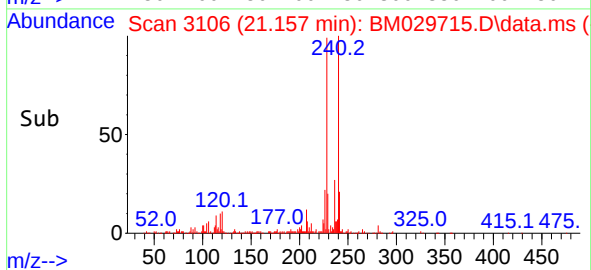
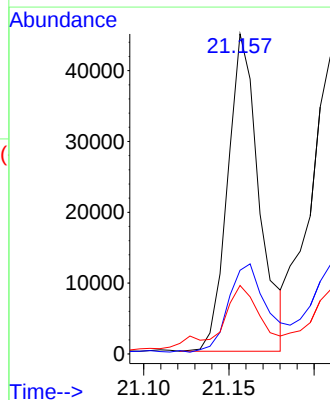
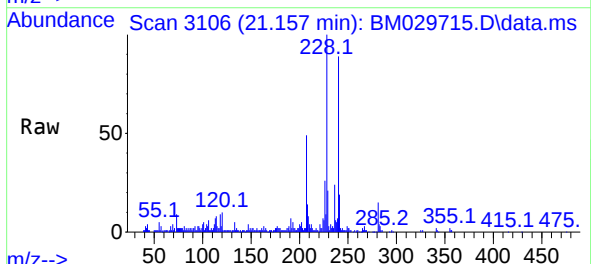
Manual Integrations
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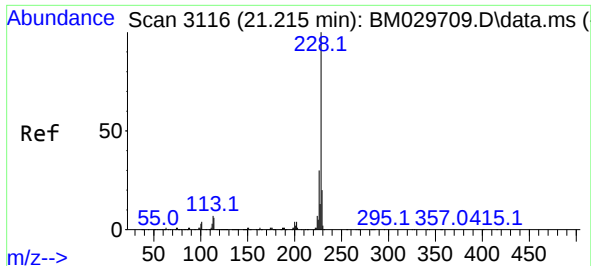
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#81
Benzo(a)anthracene
Concen: 2.08 ng
RT: 21.157 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:228 Resp: 57835
Ion Ratio Lower Upper
228 100
226 26.2 22.3 33.5
229 21.4 15.7 23.5





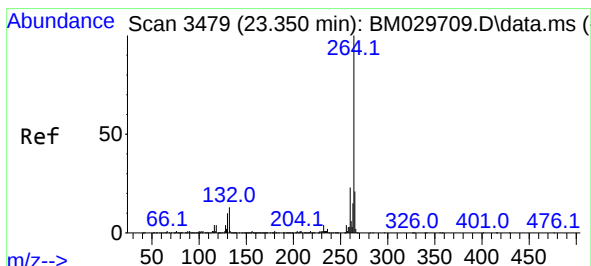
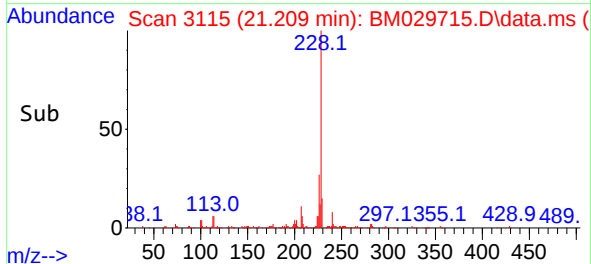
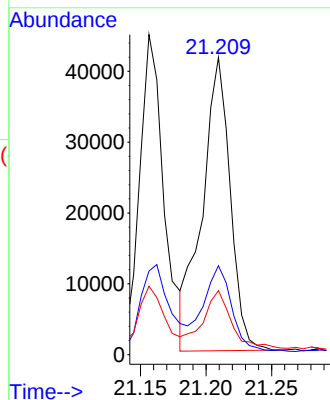
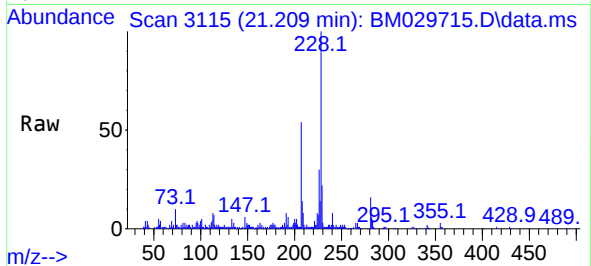
#83
Chrysene
Concen: 2.24 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:	228	Resp:	61696
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.6	36.8
229	21.5	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
NB-08-042721

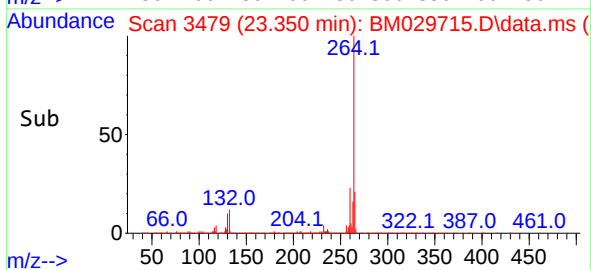
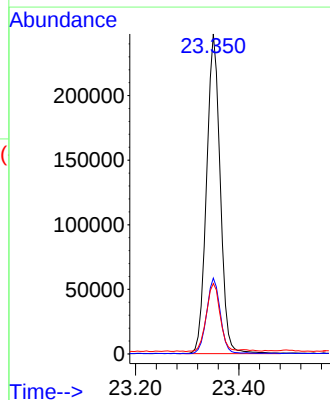
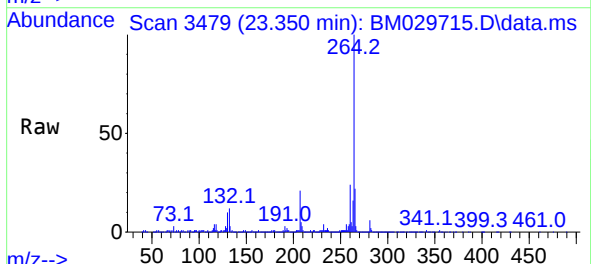
Manual Integrations
APPROVED

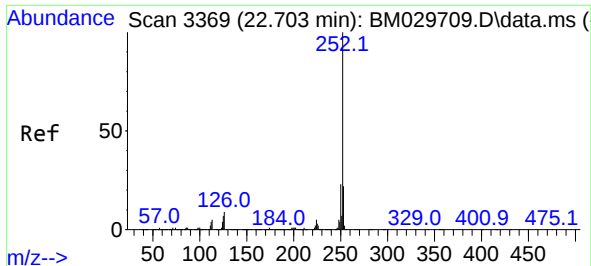
mohammad
5/3/2021 10:49:07 AM



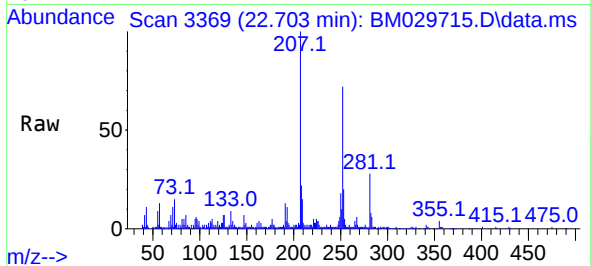
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.350 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46

Tgt Ion:	264	Resp:	453677
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.8	29.8
265	22.0	17.7	26.5

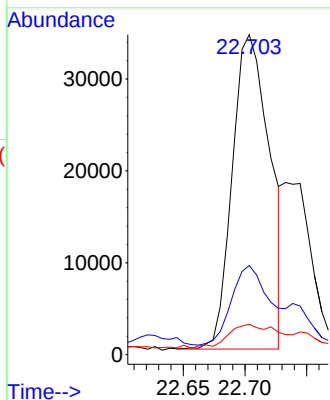
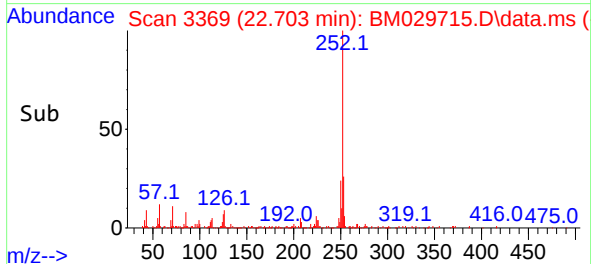




#88
Benzo(b)fluoranthene
Concen: 2.40 ng m
RT: 22.703 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46



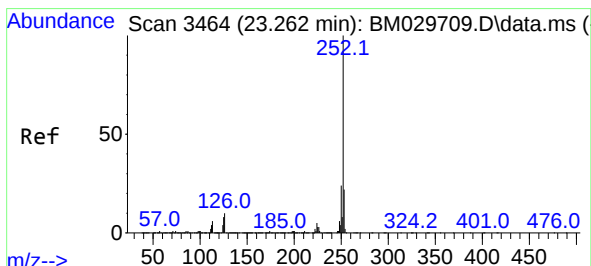
Tgt Ion:252 Resp: 72080
Ion Ratio Lower Upper
252 100
253 27.9 17.4 26.0#
125 9.5 6.8 10.2



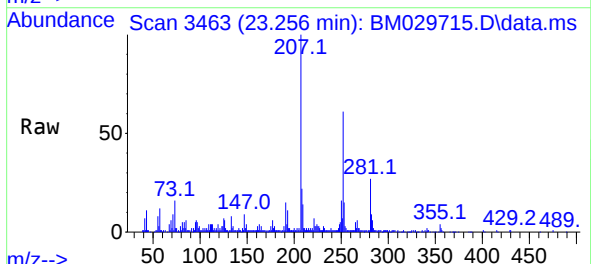
Instrument :
BNA_M
ClientSampleId :
NB-08-042721

Manual Integrations
APPROVED

mohammad
5/3/2021 10:49:07 AM



#90
Benzo(a)pyrene
Concen: 2.03 ng
RT: 23.256 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM029715.D
Acq: 29 Apr 2021 18:46



Tgt Ion:252 Resp: 55744
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 11.7 7.3 10.9#

