

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
 Data File : BM032676.D
 Acq On : 22 Oct 2021 15:32
 Operator : CG/JU
 Sample : M4308-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Manual Integrations
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Quant Time: Oct 22 16:23:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 22 11:30:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	228991	20.000	ng	0.00
21) Naphthalene-d8	10.330	136	918607	20.000	ng	0.00
39) Acenaphthene-d10	14.201	164	521564	20.000	ng	0.00
64) Phenanthrene-d10	16.936	188	910779	20.000	ng	# 0.00
76) Chrysene-d12	21.118	240	673924	20.000	ng	0.00
86) Perylene-d12	23.253	264	709357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.131	112	1187384	87.367	ng	0.00
7) Phenol-d6	6.748	99	1537771	82.740	ng	0.00
23) Nitrobenzene-d5	8.695	82	964466	58.394	ng	0.00
42) 2,4,6-Tribromophenol	15.695	330	409514	70.136	ng	0.00
45) 2-Fluorobiphenyl	12.818	172	1785715	50.906	ng	0.00
79) Terphenyl-d14	19.559	244	1705701	53.304	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	16.977	178	261315	5.466	ng	99
75) Fluoranthene	18.995	202	430776	8.126	ng	98
78) Pyrene	19.353	202	355890	7.788	ng	98
81) Benzo(a)anthracene	21.100	228	186599	4.430	ng	97
83) Chrysene	21.153	228	153534	3.768	ng	98
88) Benzo(b)fluoranthene	22.618	252	190657m	4.418	ng	
90) Benzo(a)pyrene	23.159	252	137538	3.930	ng	# 96
92) Benzo(g,h,i)perylene	26.000	276	74212	2.037	ng	# 91

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

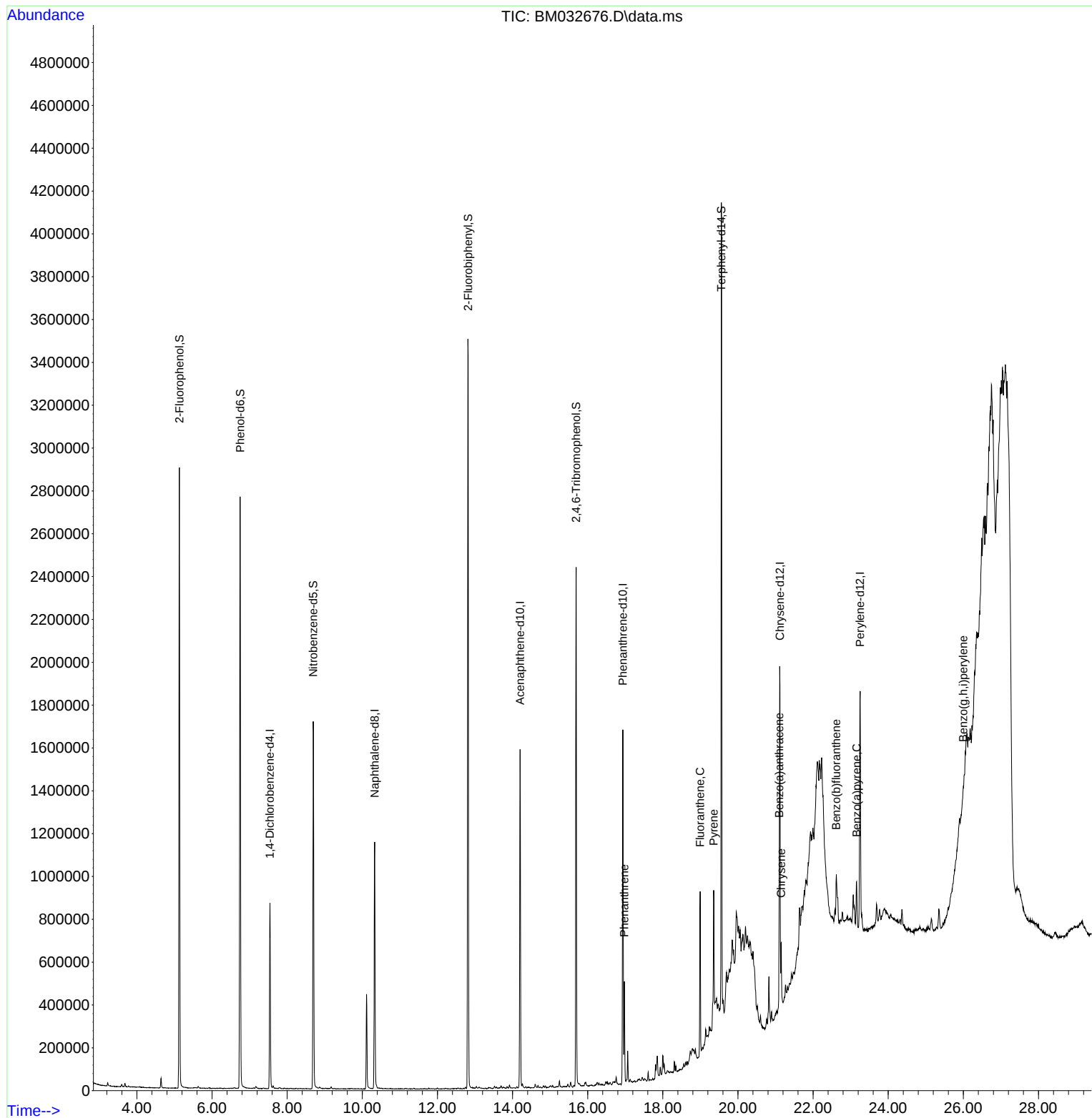
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032676.D
Acq On : 22 Oct 2021 15:32
Operator : CG/JU
Sample : M4308-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

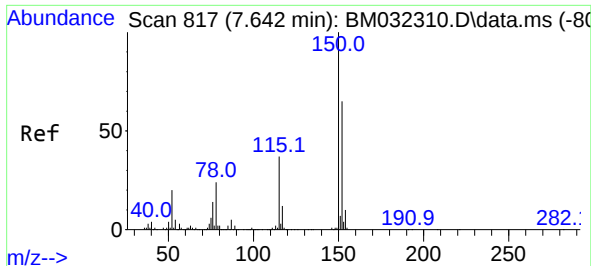
Instrument :
BNA_M
ClientSampleId :
COMP-2

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Quant Time: Oct 22 16:23:25 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





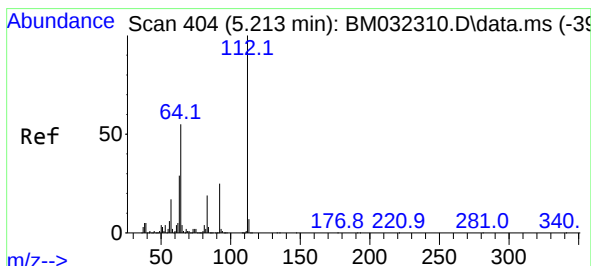
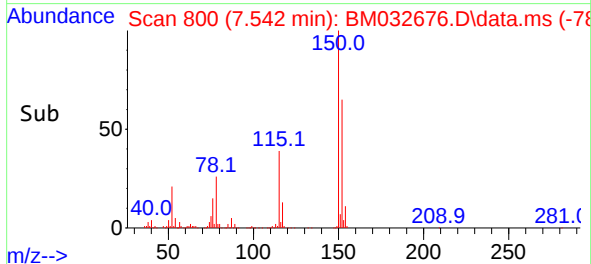
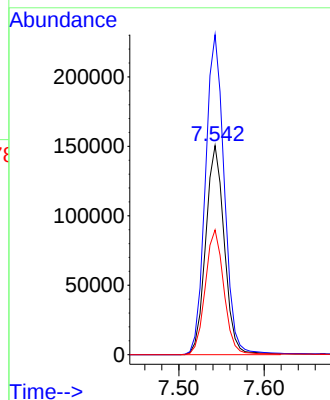
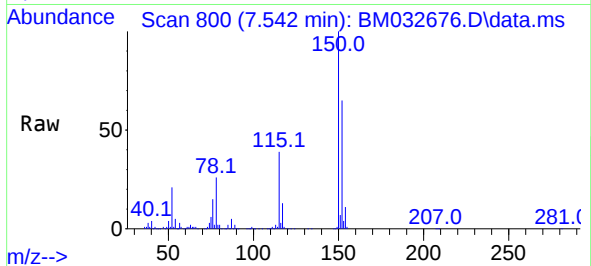
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.542 min Scan# 800
Delta R.T. 0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

Tgt Ion:152 Resp: 228991
Ion Ratio Lower Upper
152 100
150 153.1 122.4 183.6
115 59.7 53.8 80.8

Instrument :
BNA_M
ClientSampled :
COMP-2

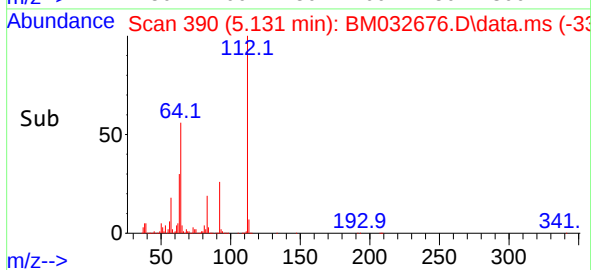
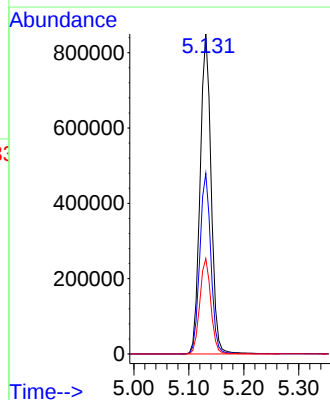
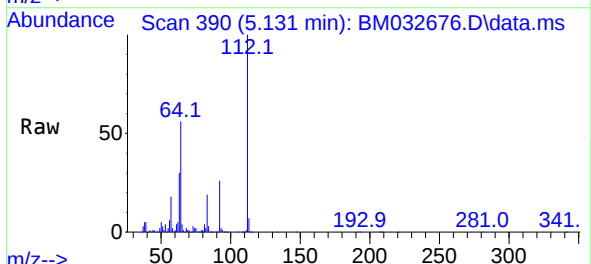
Manual Integrations
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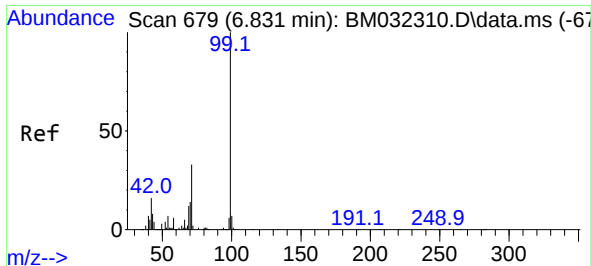
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#5
2-Fluorophenol
Concen: 87.367 ng
RT: 5.131 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

Tgt Ion:112 Resp: 1187384
Ion Ratio Lower Upper
112 100
64 56.4 53.7 80.5
63 29.8 33.9 50.9#





#7
Phenol-d6
Concen: 82.740 ng
RT: 6.748 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

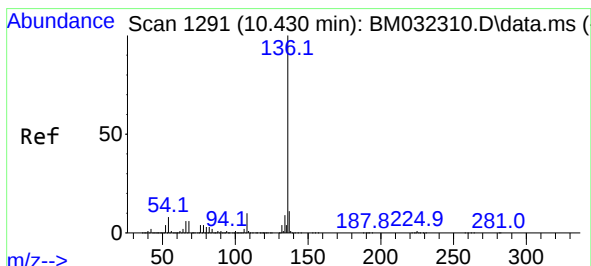
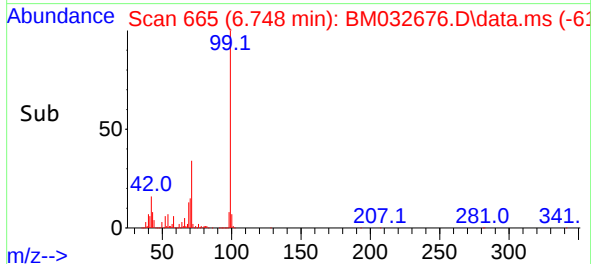
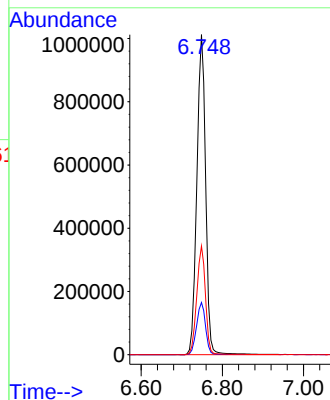
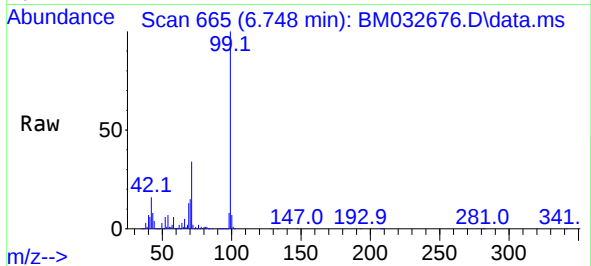
Tgt Ion: 99 Resp: 1537771

Ion	Ratio	Lower	Upper
99	100		
42	16.3	23.0	34.6#
71	34.0	37.8	56.8#

Instrument :
BNA_M
ClientSampleId :
COMP-2

Manual Integrations
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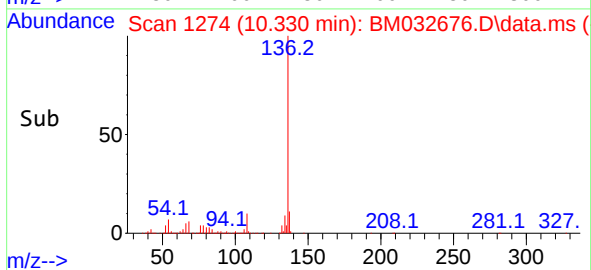
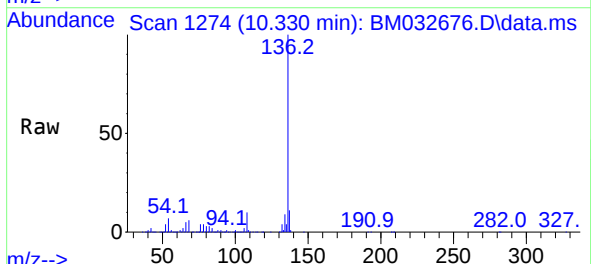
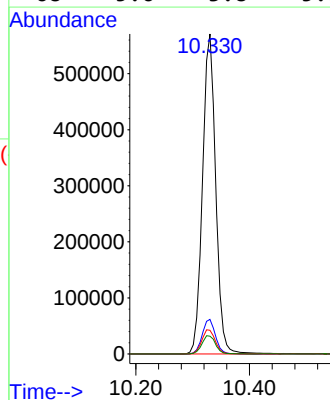
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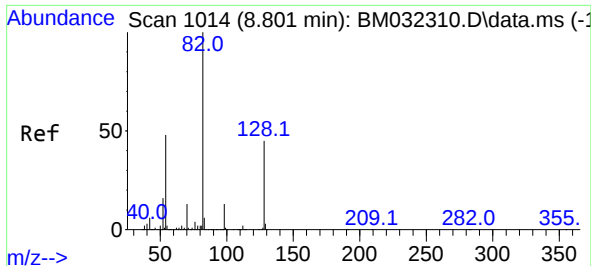


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.330 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

Tgt Ion: 136 Resp: 918607

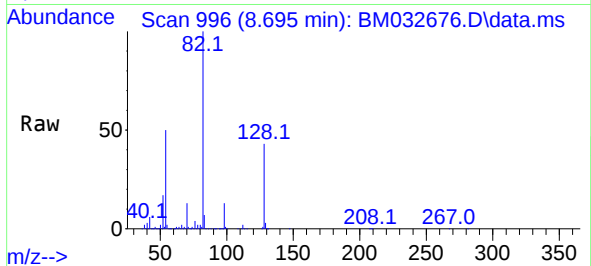
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.4	7.4	11.0
68	5.6	3.8	5.8





#23
Nitrobenzene-d5
Concen: 58.394 ng
RT: 8.695 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

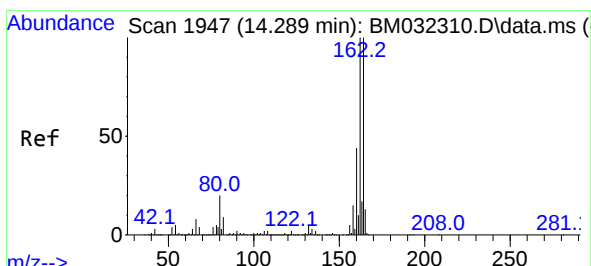
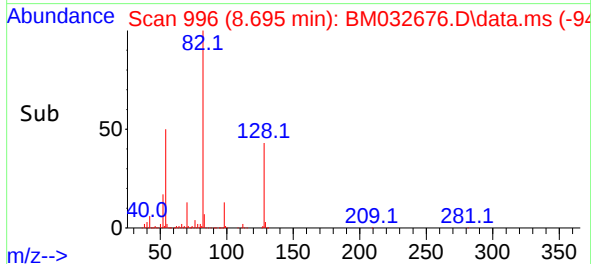
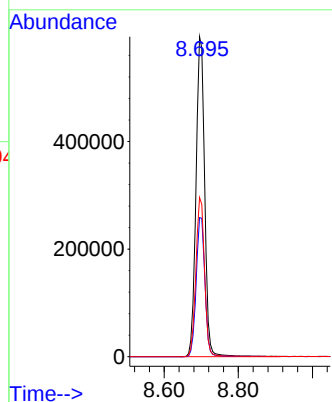
Instrument :
BNA_M
ClientSampleId :
COMP-2



Tgt Ion: 82 Resp: 964466
Ion Ratio Lower Upper
82 100
128 43.4 29.0 43.6
54 49.8 45.8 68.8

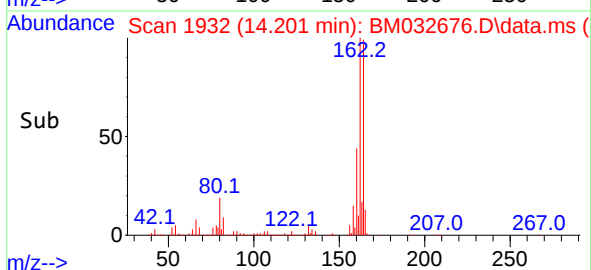
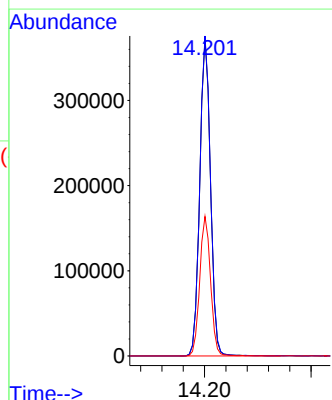
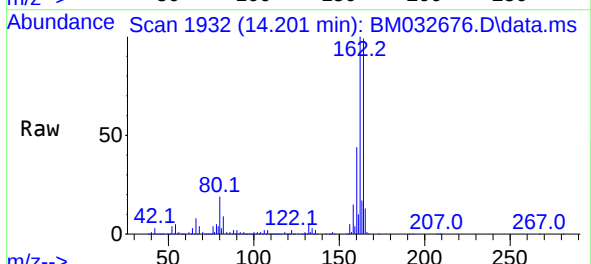
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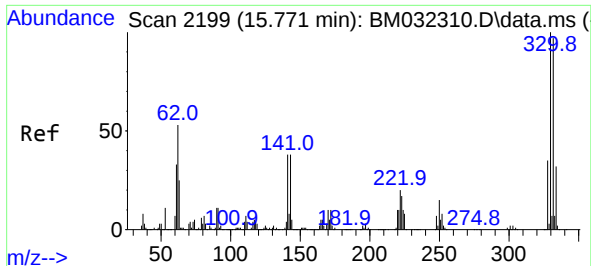
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

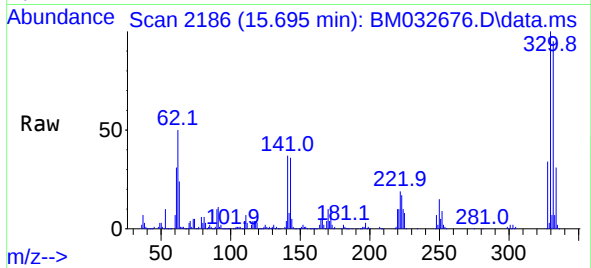
Tgt Ion: 164 Resp: 521564
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 43.9 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 70.136 ng
RT: 15.695 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

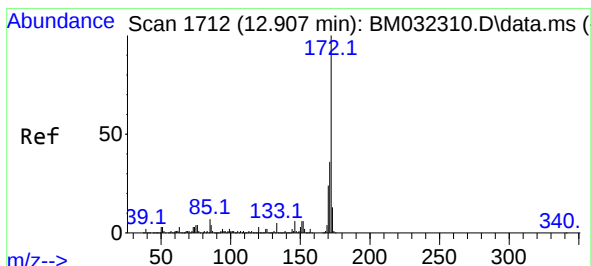
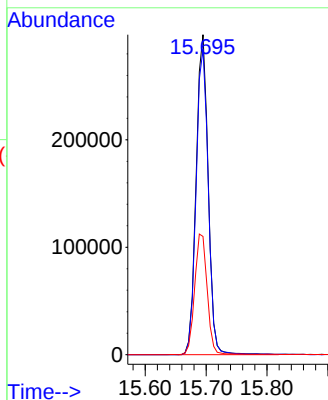
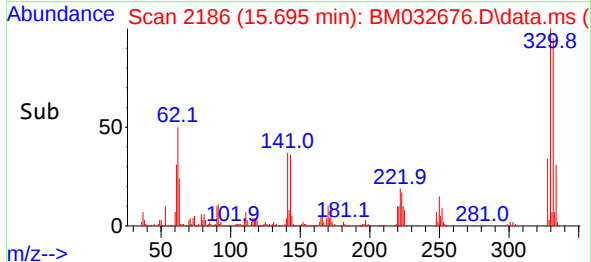
Instrument :
BNA_M
ClientSampled :
COMP-2



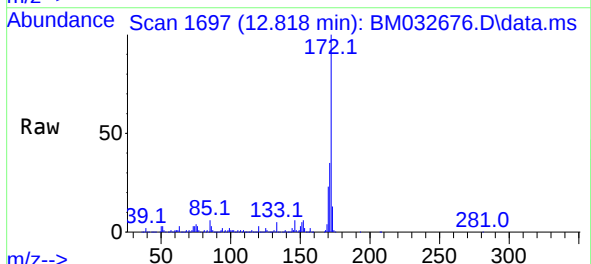
Tgt Ion:330 Resp: 409514
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 39.3 50.7 76.1#

Manual Integrations
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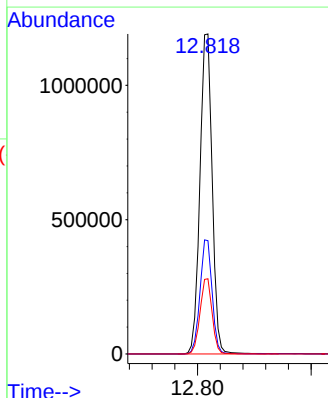
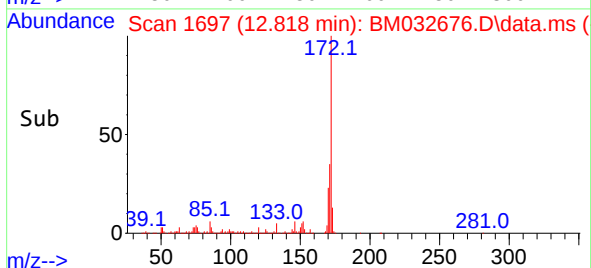
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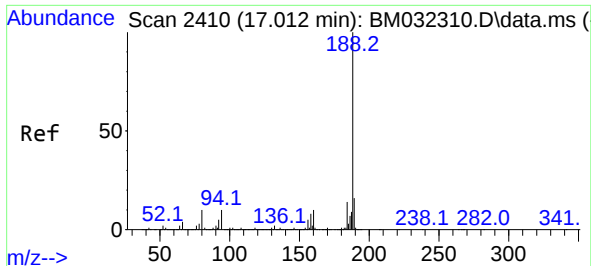


#45
2-Fluorobiphenyl
Concen: 50.906 ng
RT: 12.818 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32



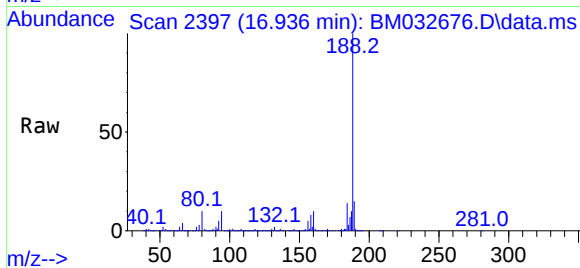
Tgt Ion:172 Resp: 1785715
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.5 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.936 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

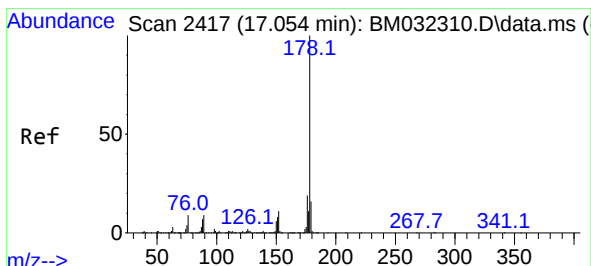
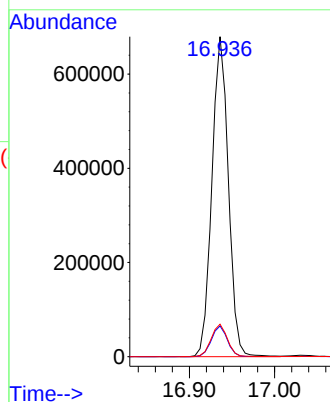
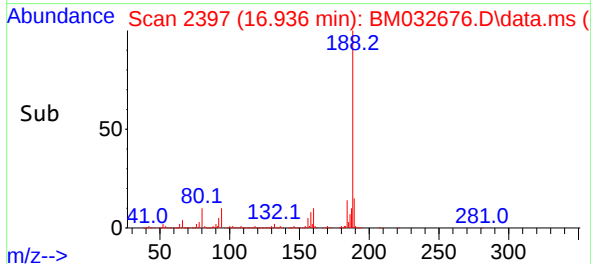
Instrument :
BNA_M
ClientSampled :
COMP-2



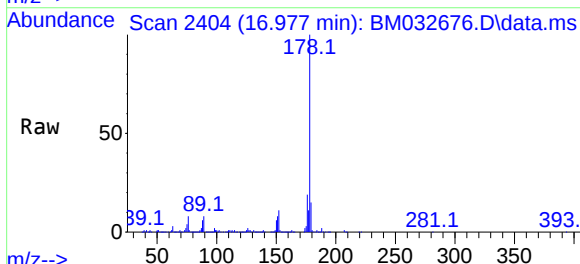
Tgt Ion:188 Resp: 910779
Ion Ratio Lower Upper
188 100
94 9.6 6.3 9.5#
80 10.2 7.3 10.9

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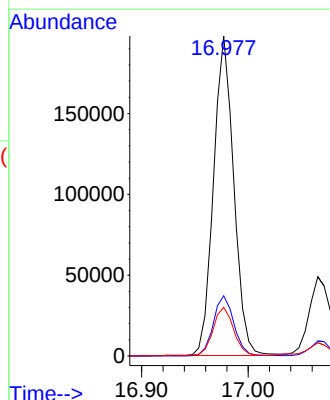
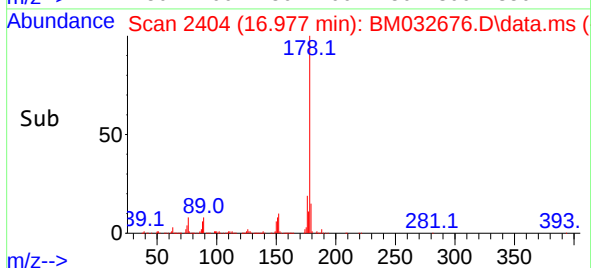
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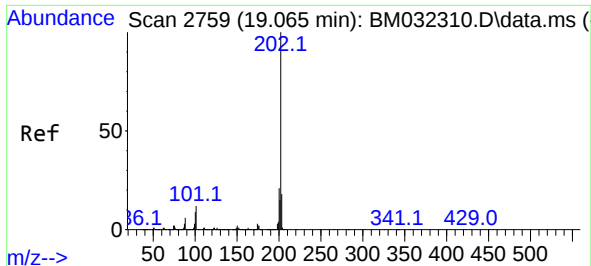


#71
Phenanthrene
Concen: 5.466 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32



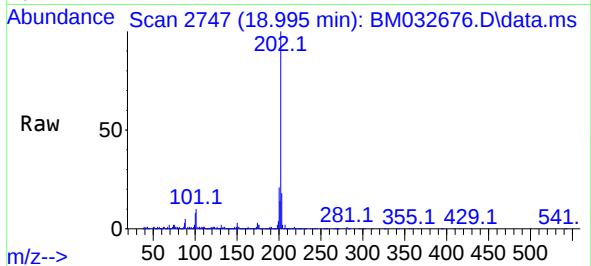
Tgt Ion:178 Resp: 261315
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.2 12.4 18.6





#75
Fluoranthene
Concen: 8.126 ng
RT: 18.995 min Scan# 2747
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

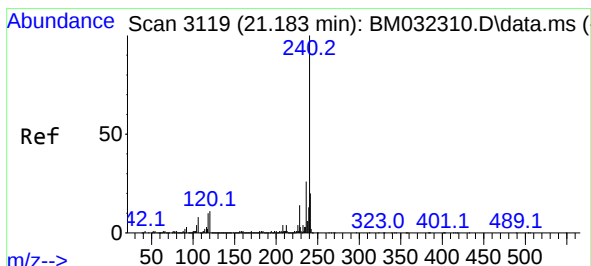
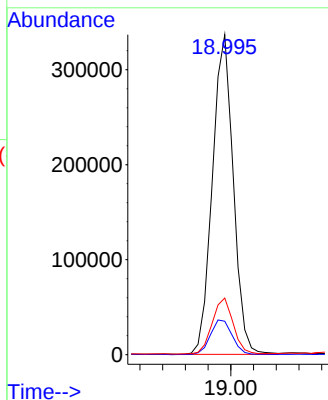
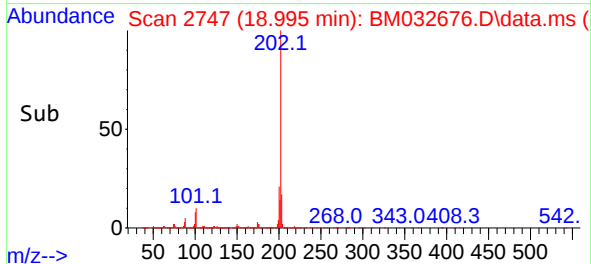
Instrument :
BNA_M
ClientSampleId :
COMP-2



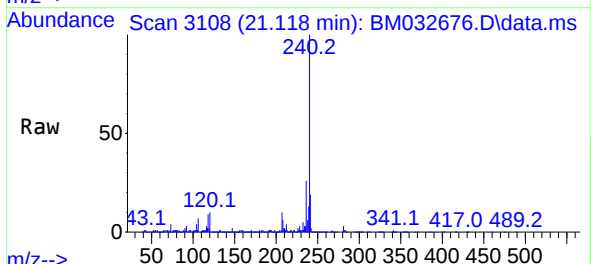
Tgt Ion:202 Resp: 430776
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.9
203 17.7 0.0 36.8

Manual Integrations
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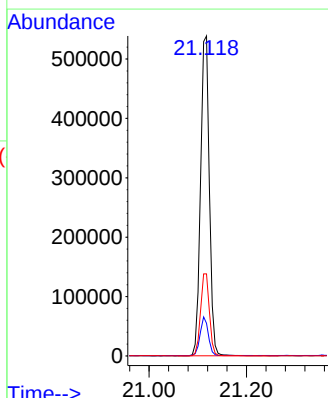
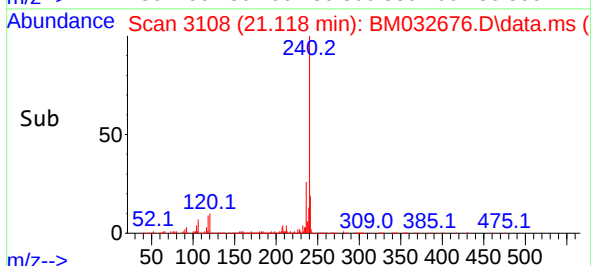
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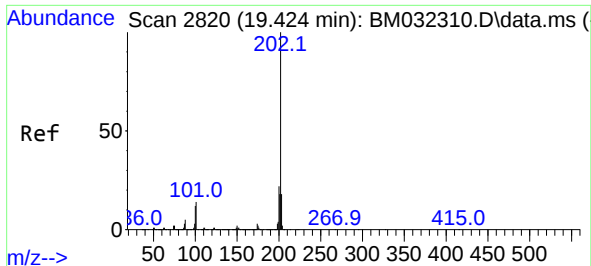


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.118 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32



Tgt Ion:240 Resp: 673924
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 25.6 20.9 31.3





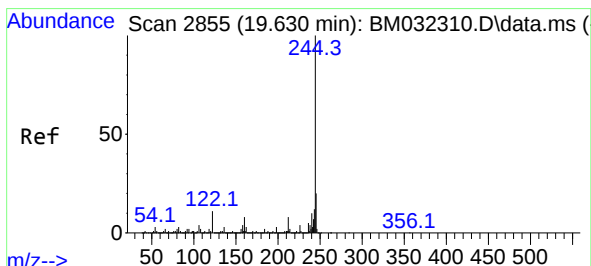
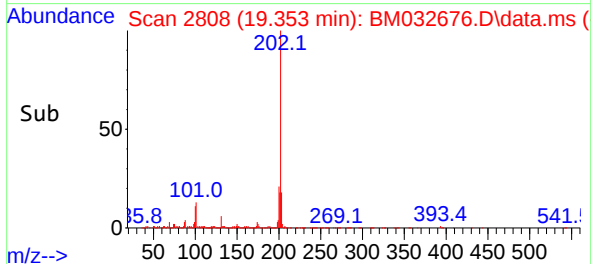
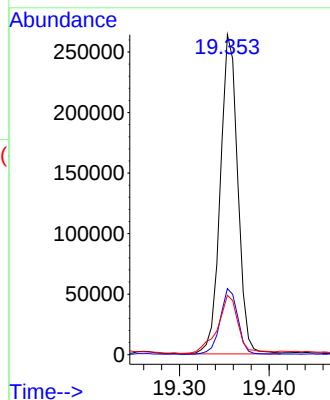
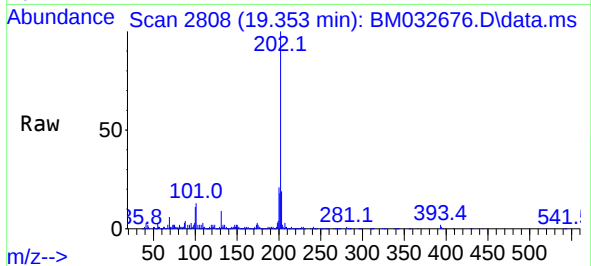
#78
Pyrene
Concen: 7.788 ng
RT: 19.353 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

Tgt Ion:	202	Resp:	355890
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.6	13.7	20.5

Instrument :
BNA_M
ClientSampleId :
COMP-2

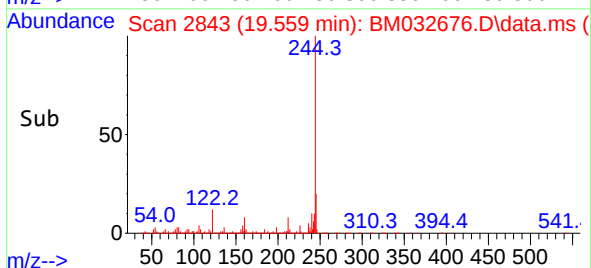
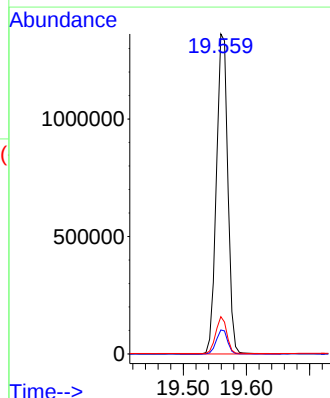
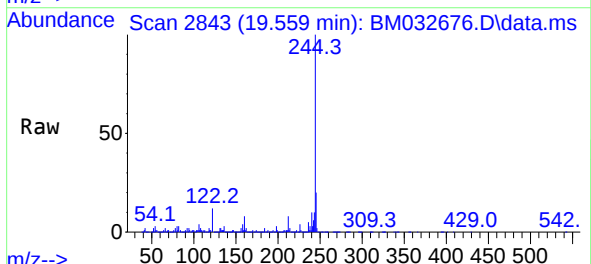
Manual Integrations
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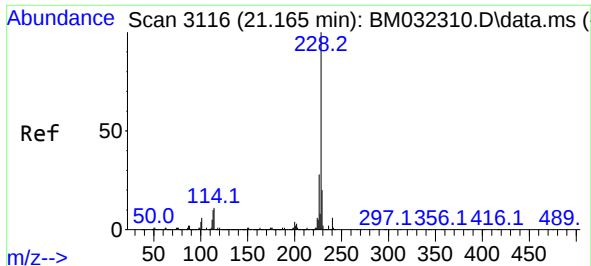
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#79
Terphenyl-d14
Concen: 53.304 ng
RT: 19.559 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

Tgt Ion:	244	Resp:	1705701
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.7	8.7	13.1





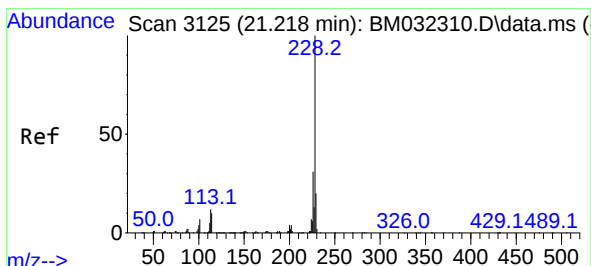
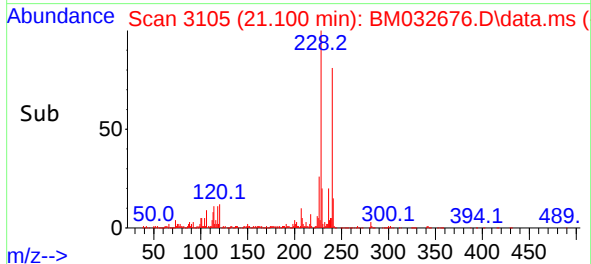
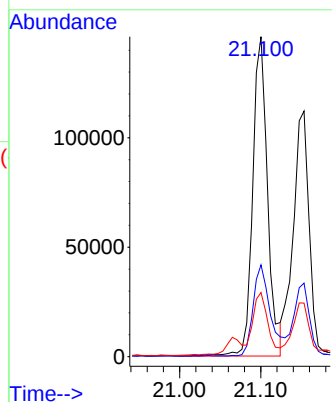
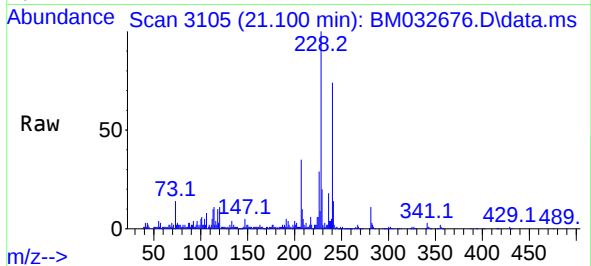
#81
Benzo(a)anthracene
Concen: 4.430 ng
RT: 21.100 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

Tgt Ion:228 Resp: 186599
Ion Ratio Lower Upper
228 100
226 28.7 21.4 32.2
229 20.1 15.3 22.9

Instrument :
BNA_M
ClientSampleId :
COMP-2

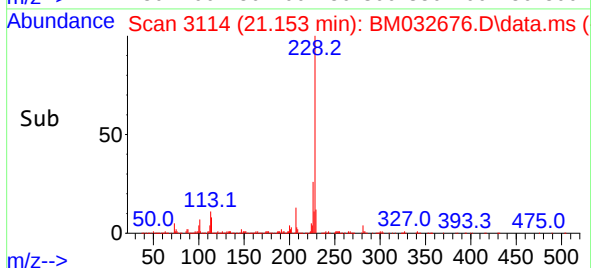
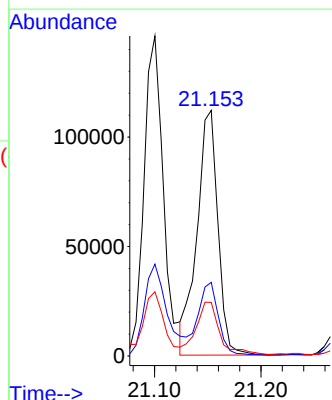
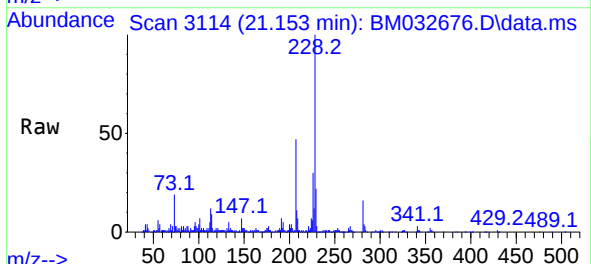
Manual Integrations
APPROVED

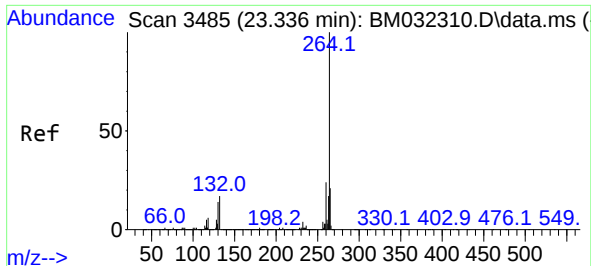
mohammad
10/25/2021 1:48:29 PM



#83
Chrysene
Concen: 3.768 ng
RT: 21.153 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

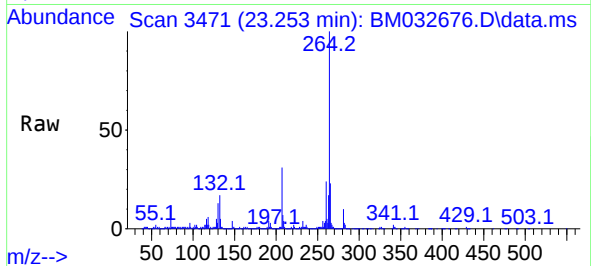
Tgt Ion:228 Resp: 153534
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 21.8 16.0 24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.253 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

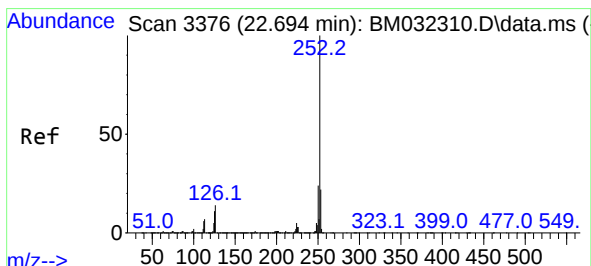
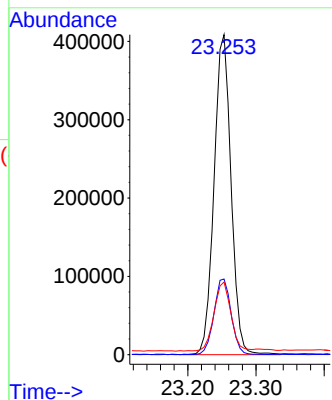
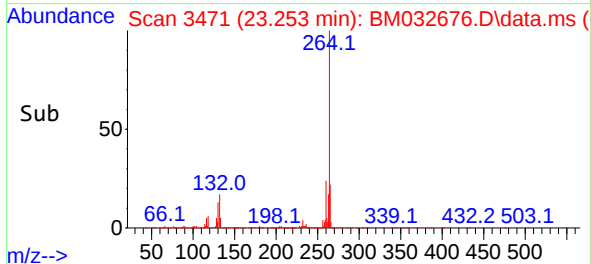
Instrument :
BNA_M
ClientSampled :
COMP-2



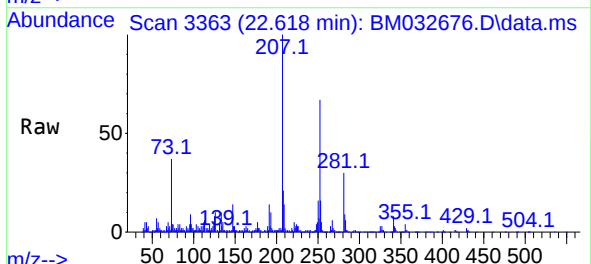
Tgt Ion:264 Resp: 709357
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 22.7 18.3 27.5

Manual Integrations
APPROVED

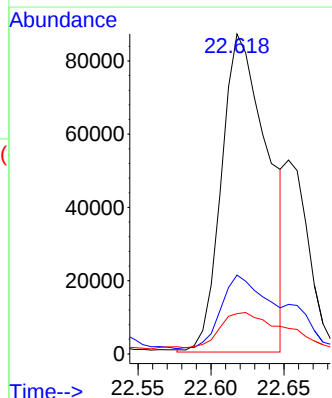
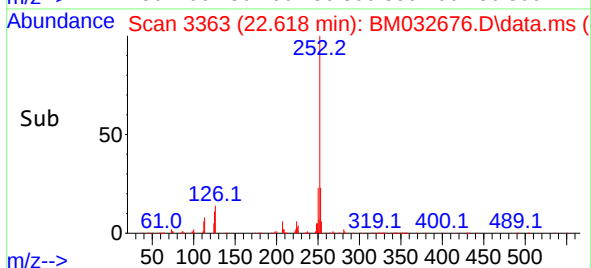
mohammad
10/25/2021 1:48:29 PM

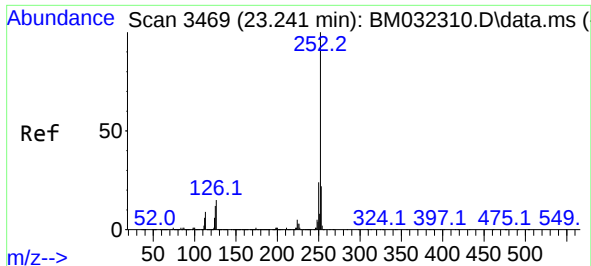


#88
Benzo(b)fluoranthene
Concen: 4.418 ng m
RT: 22.618 min Scan# 3363
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32



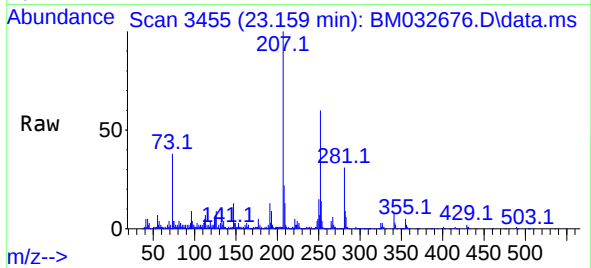
Tgt Ion:252 Resp: 190657
Ion Ratio Lower Upper
252 100
253 24.7 18.0 27.0
125 12.6 7.5 11.3#





#90
Benzo(a)pyrene
Concen: 3.930 ng
RT: 23.159 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32

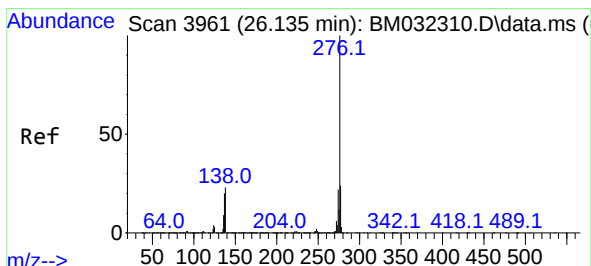
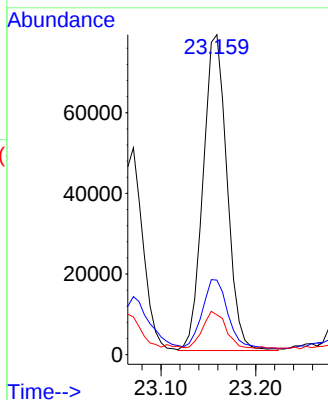
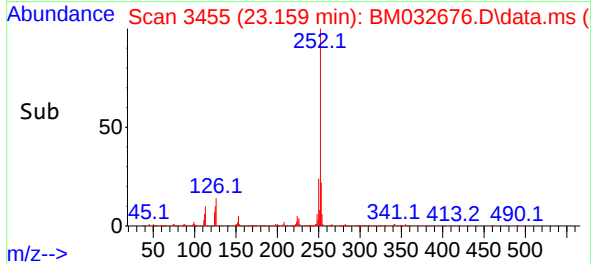
Instrument :
BNA_M
ClientSampled :
COMP-2



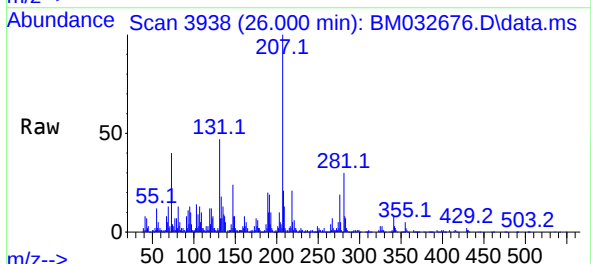
Tgt Ion:252 Resp: 137538
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 12.5 8.1 12.1#

Manual Integrations
APPROVED

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10/25/2021 1:48:29 PM



#92
Benzo(g,h,i)perylene
Concen: 2.037 ng
RT: 26.000 min Scan# 3938
Delta R.T. -0.006 min
Lab File: BM032676.D
Acq: 22 Oct 2021 15:32



Tgt Ion:276 Resp: 74212
Ion Ratio Lower Upper
276 100
277 24.7 19.4 29.0
138 27.0 14.6 22.0#

