

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030848.D
 Acq On : 07 Jul 2021 09:06
 Operator : CG/JU
 Sample : M2854-06DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS8DL

Manual Integrations
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Quant Time: Jul 07 10:13:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	110139	20.000	ng/u1	0.00
20) Naphthalene-d8	10.545	136	435232	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	249843	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	445401	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	416132	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	472161	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	3037	1.077	ng/uL	0.00
4) Pyridine-d5	3.734	84	8351m	1.133	ng/u1	0.06
7) Phenol-d5	6.934	99	50384	5.235	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	36580	5.901	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	44039	5.964	ng/u1	0.00
15) 4-Methylphenol-d8	8.463	113	37074	4.807	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	19037	5.881	ng/u1	0.00
24) 2-Nitrophenol-d4	9.640	143	19760	5.579	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	37017	5.431	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	36716	3.793	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	122597	7.009	ng/u1	0.00
49) Acenaphthylene-d8	14.080	160	142494	6.449	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	6395m	2.101	ng/u1	0.02
60) Fluorene-d10	15.386	176	106114	6.890	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	7514	2.631	ng/u1	0.00
73) Anthracene-d10	17.227	188	149823	7.218	ng/u1	0.00
81) Pyrene-d10	19.515	212	154580	6.735	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.403	264	143579	5.891	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.598	128	50291	2.298	ng/u1	97
50) Acenaphthylene	14.110	152	102590	4.970	ng/u1	99
52) Acenaphthene	14.457	153	30558	2.029	ng/u1	97
56) Dibenzofuran	14.792	168	56928	2.685	ng/u1	98
61) Fluorene	15.439	166	102141	5.849	ng/u1	99
72) Phenanthrene	17.174	178	1163048	48.936	ng/u1	99
74) Anthracene	17.263	178	338958	13.881	ng/u1	99
80) Fluoranthene	19.186	202	1455167	51.421	ng/u1	98
82) Pyrene	19.545	202	997221	34.000	ng/u1	98
85) Benzo(a)anthracene	21.286	228	624395	23.999	ng/u1	96
87) Chrysene	21.339	228	509821	19.915	ng/u1	97
90) Benzo(b)fluoranthene	22.874	252	612991	20.154	ng/u1	98
91) Benzo(k)fluoranthene	22.909	252	186806m	6.319	ng/u1	
93) Benzo(a)pyrene	23.445	252	324393	12.052	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	25.809	276	226207	6.758	ng/u1	96
95) Dibenzo(a,h)anthracene	25.815	278	73484	2.618	ng/u1#	90

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

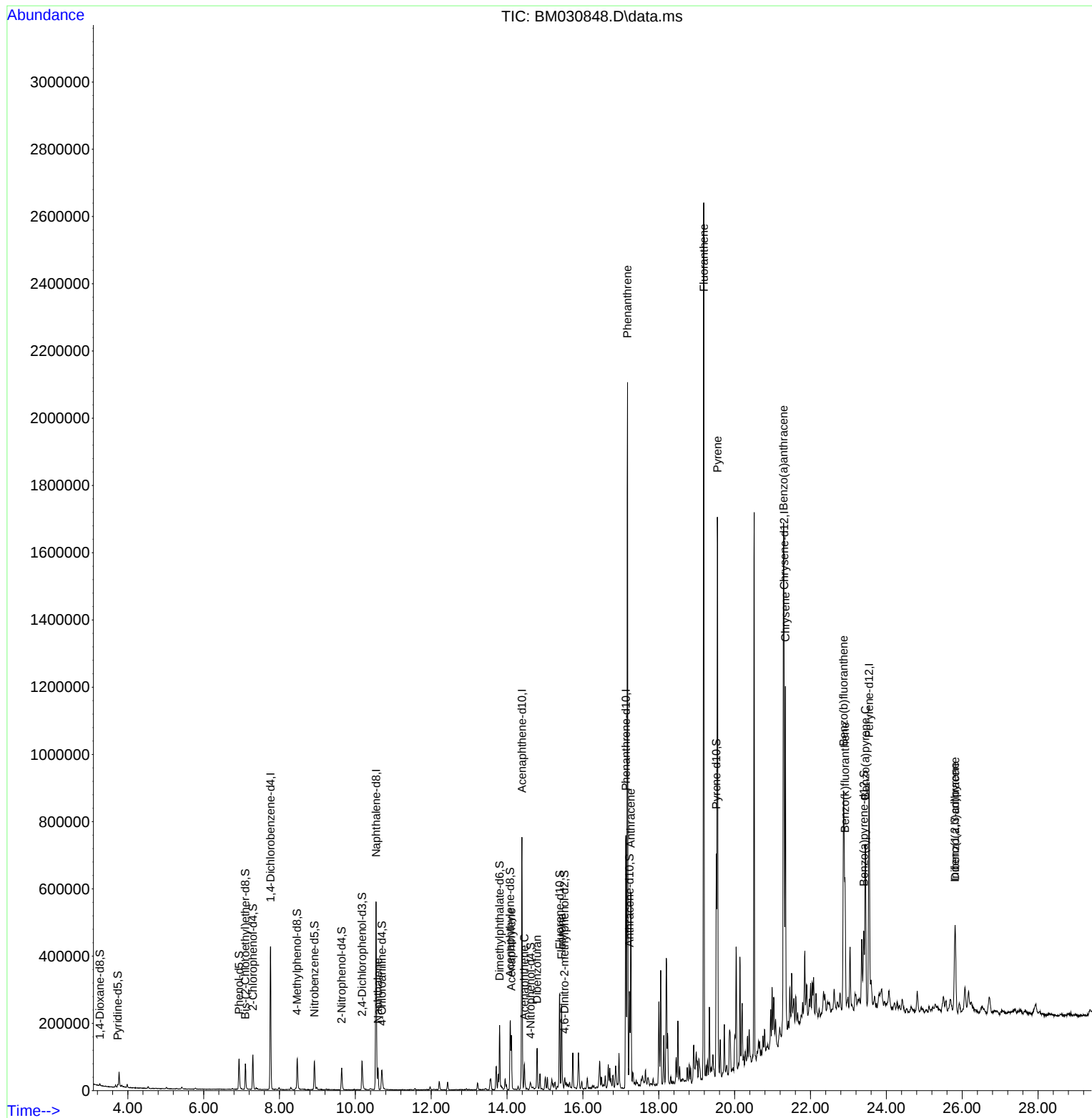
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030848.D
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Operator : CG/JU
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ALS Vial : 25 Sample Multiplier: 1

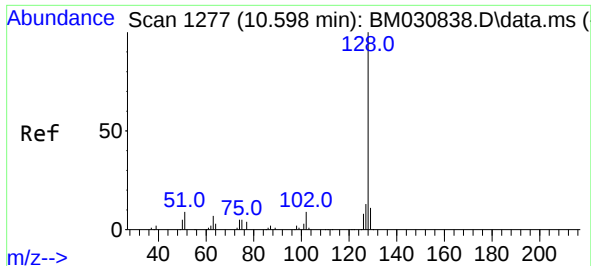
Instrument :
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ClientSampleId :
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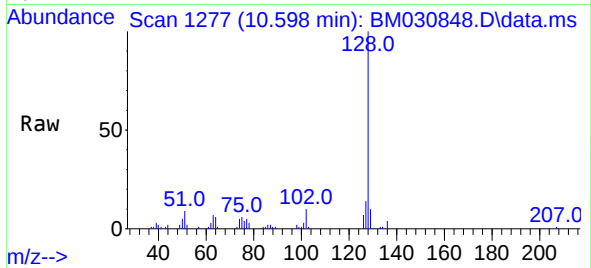
Quant Time: Jul 07 10:13:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.298 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06

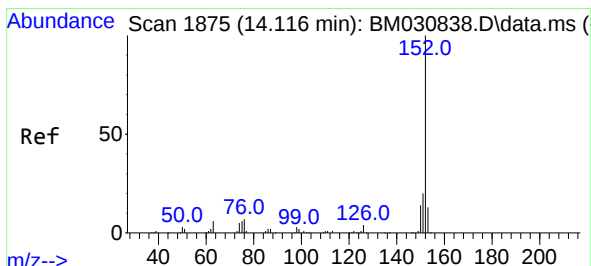
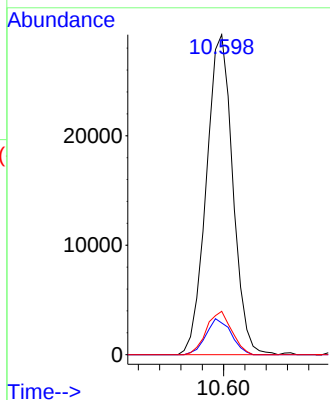
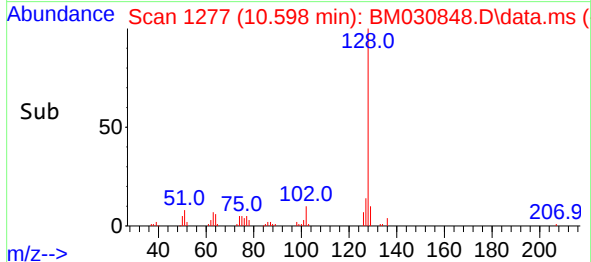
Instrument :
BNA_M
ClientSampled :
BGDS8DL



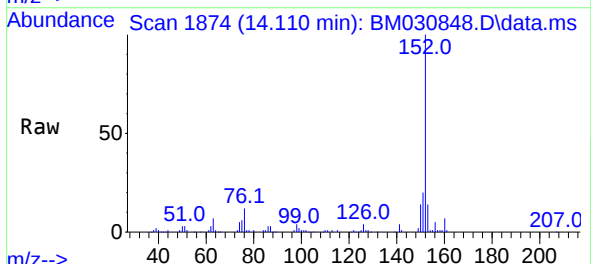
Tgt Ion:	128	Resp:	50291
Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.0	13.6
127	13.6	10.3	15.5

Manual Integrations
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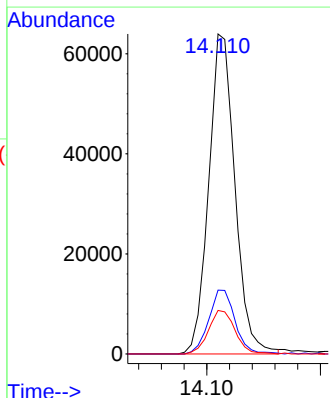
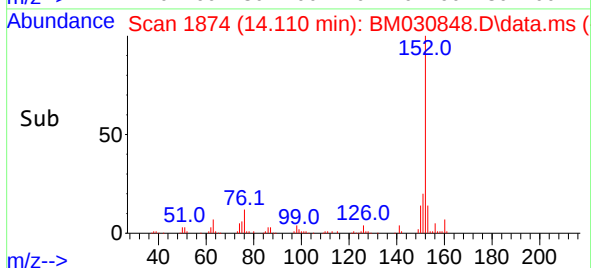
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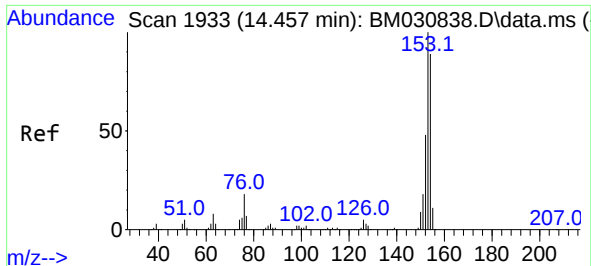


#50
Acenaphthylene
Concen: 4.970 ng/ul
RT: 14.110 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06



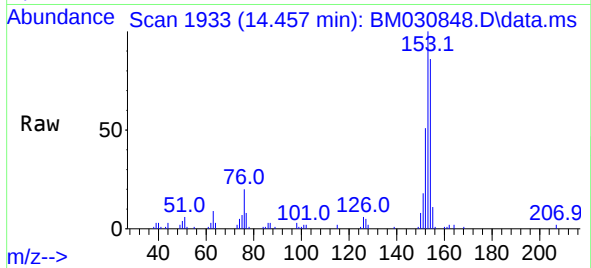
Tgt Ion:	152	Resp:	102590
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.6	10.2	15.4





#52
Acenaphthene
Concen: 2.029 ng/u1
RT: 14.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06

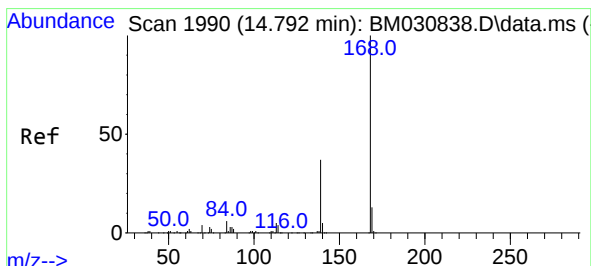
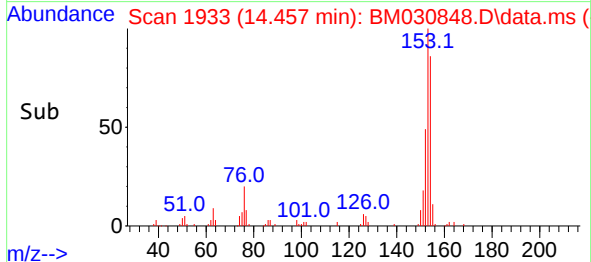
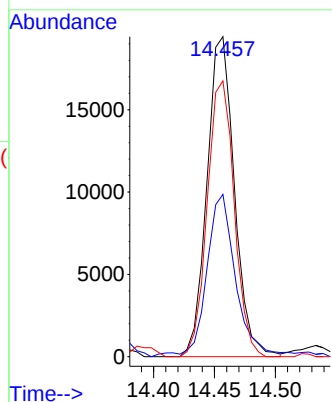
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 30558
Ion Ratio Lower Upper
153 100
152 50.7 38.8 58.2
154 86.2 71.3 106.9

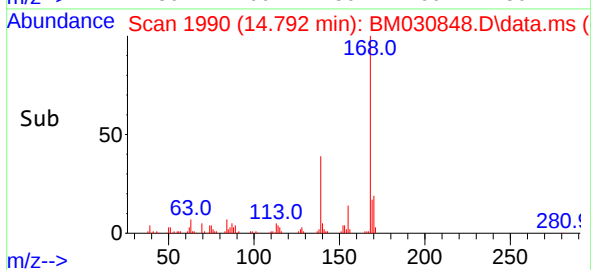
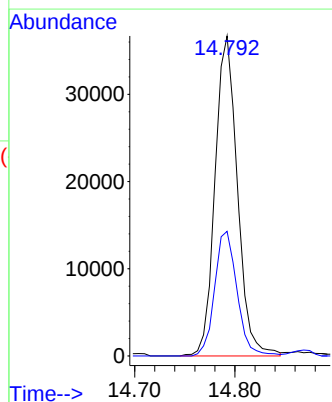
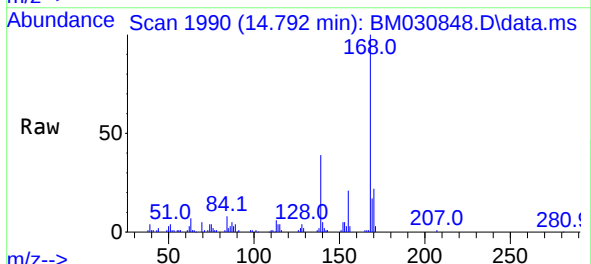
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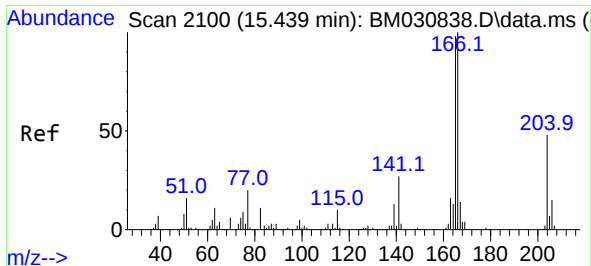
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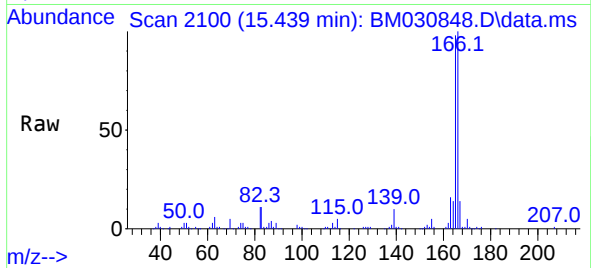
#56
Dibenzofuran
Concen: 2.685 ng/u1
RT: 14.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06

Tgt Ion:168 Resp: 56928
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.4

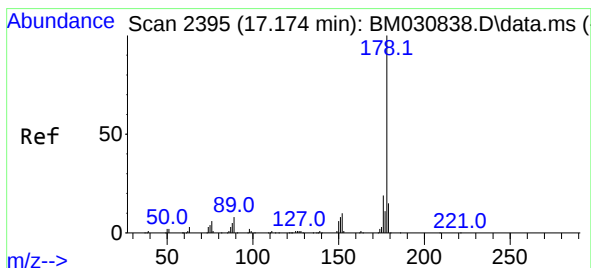
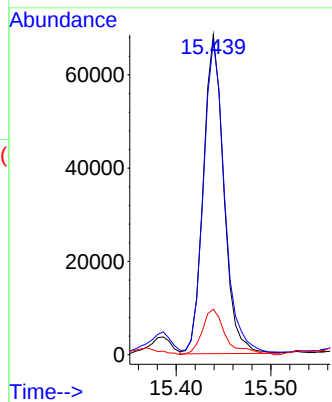
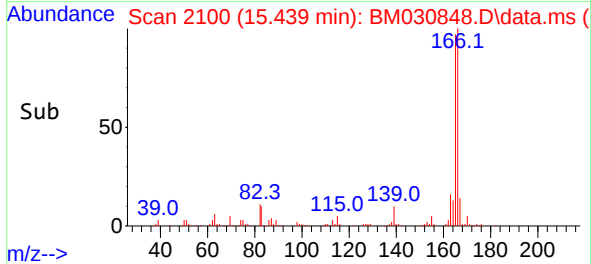




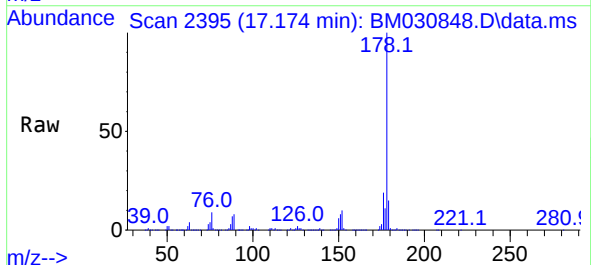
#61
Fluorene
Concen: 5.849 ng/u1
RT: 15.439 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06



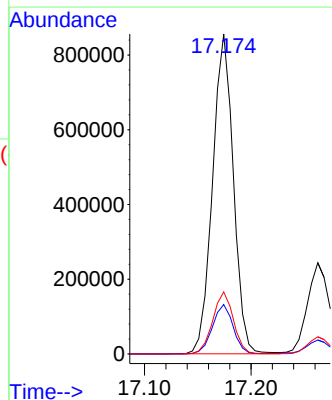
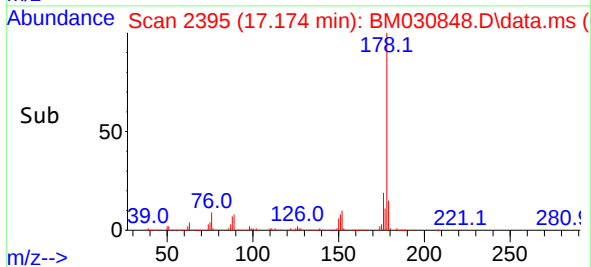
Tgt Ion:166 Resp: 102141
Ion Ratio Lower Upper
166 100
165 97.9 77.4 116.2
167 14.2 10.6 15.8



#72
Phenanthrene
Concen: 48.936 ng/u1
RT: 17.174 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06



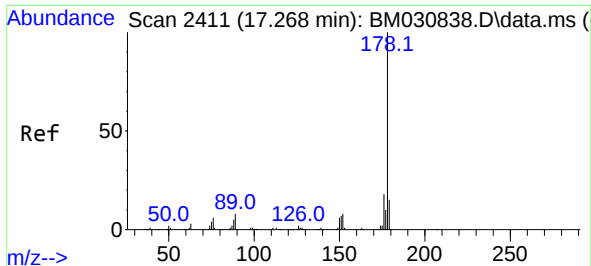
Tgt Ion:178 Resp: 1163048
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.4 15.4 23.0



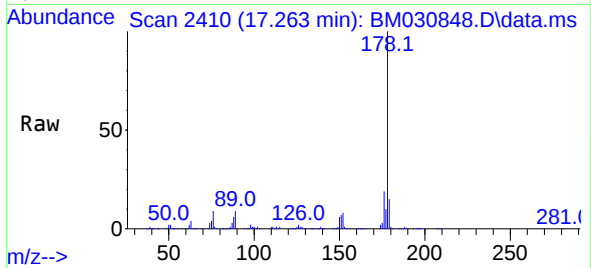
Instrument :
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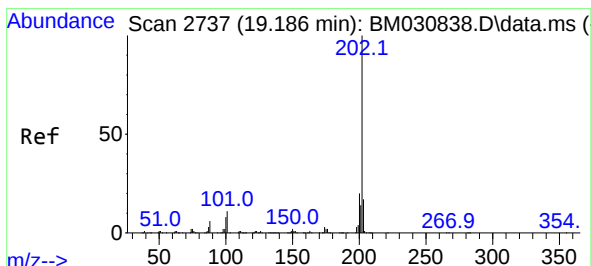
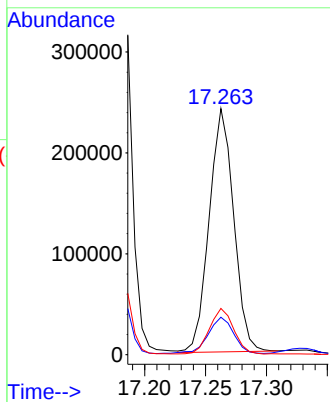
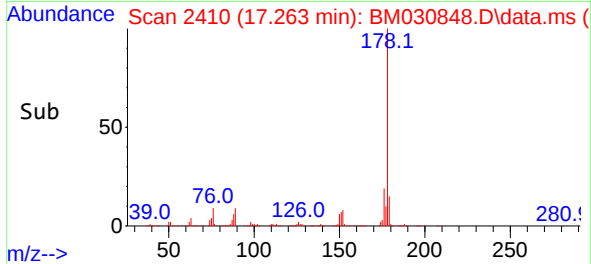
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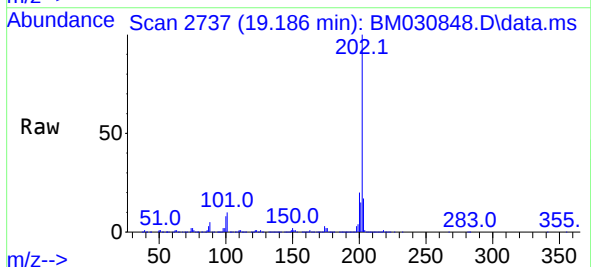
#74
 Anthracene
 Concen: 13.881 ng/ul
 RT: 17.263 min Scan# 2410
 Delta R.T. -0.006 min
 Lab File: BM030848.D
 Acq: 07 Jul 2021 09:06



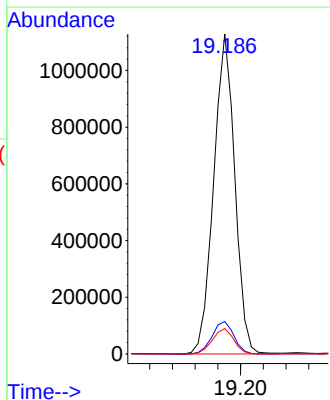
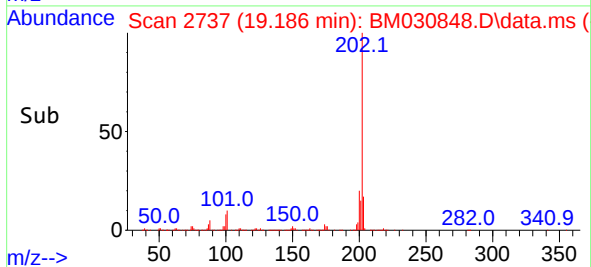
Tgt Ion:178 Resp: 338958
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.1 18.1
 176 18.8 14.7 22.1



#80
 Fluoranthene
 Concen: 51.421 ng/ul
 RT: 19.186 min Scan# 2737
 Delta R.T. 0.000 min
 Lab File: BM030848.D
 Acq: 07 Jul 2021 09:06



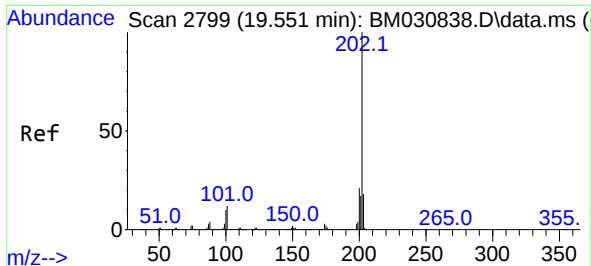
Tgt Ion:202 Resp: 1455167
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.8 13.2
 100 8.0 6.7 10.1



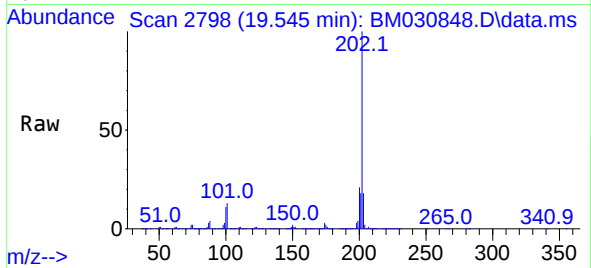
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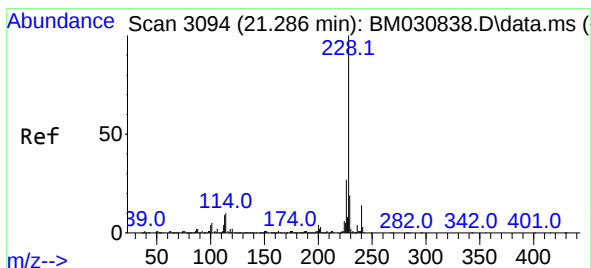
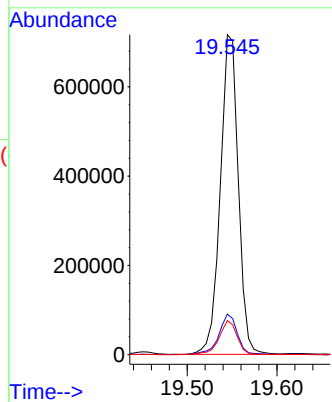
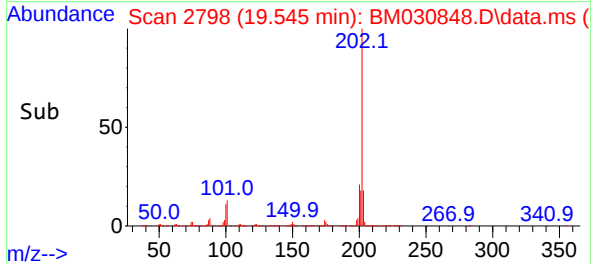
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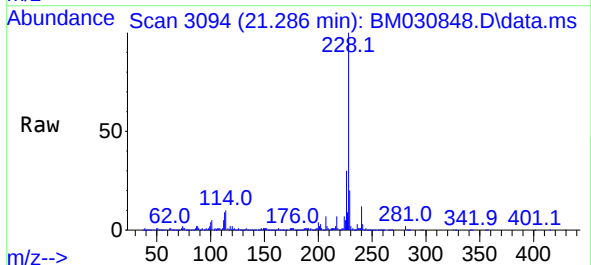
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Pyrene
Concen: 34.000 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06



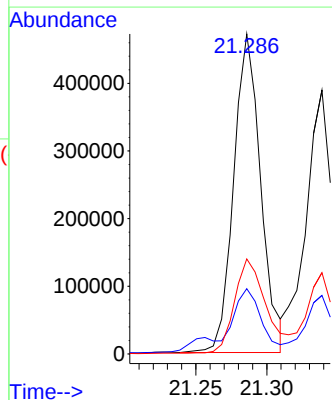
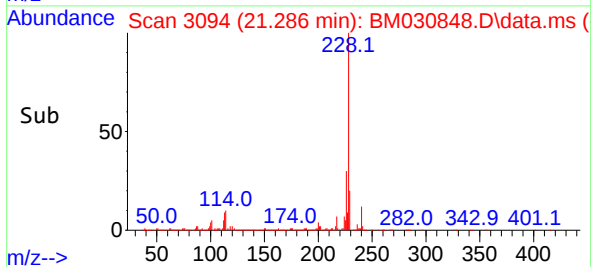
Tgt Ion:202 Resp: 997221
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.6
100 10.7 8.0 12.0



#85
Benzo(a)anthracene
Concen: 23.999 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06



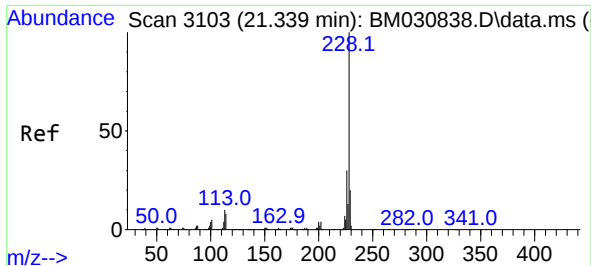
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Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.2
226 29.7 21.8 32.8



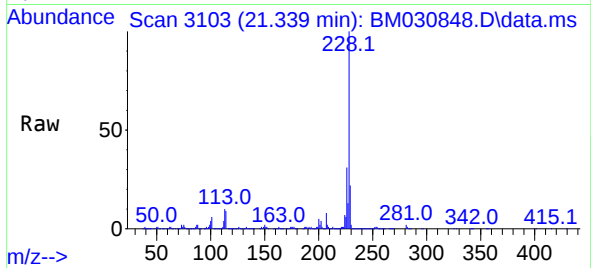
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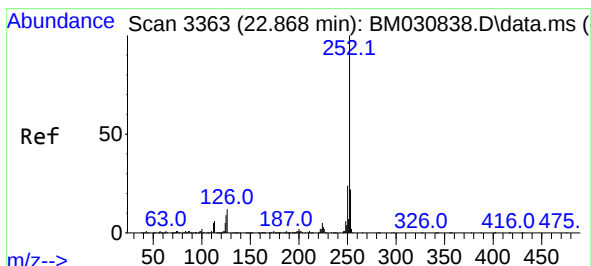
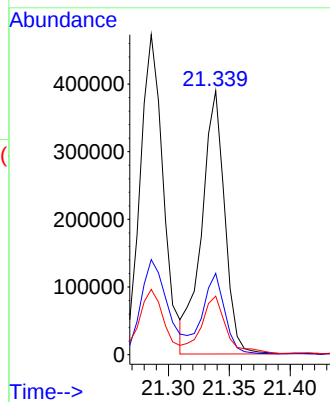
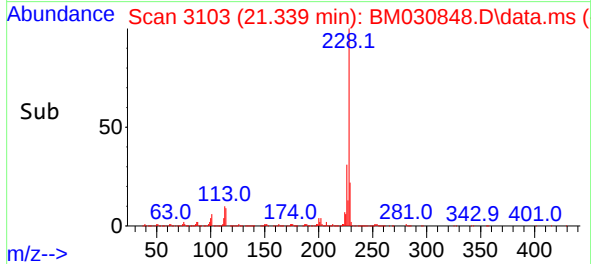
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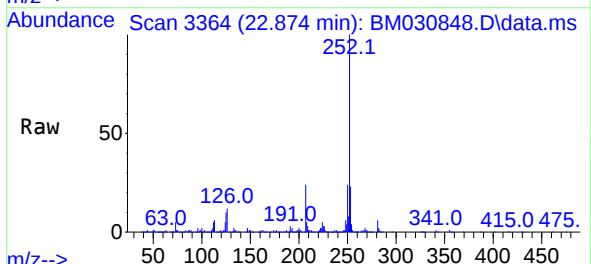
#87
Chrysene
Concen: 19.915 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06



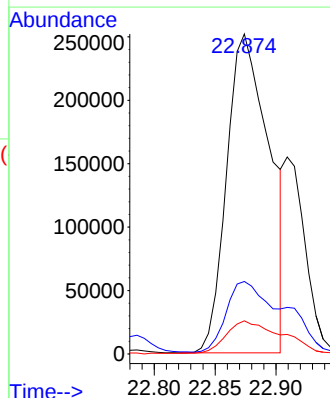
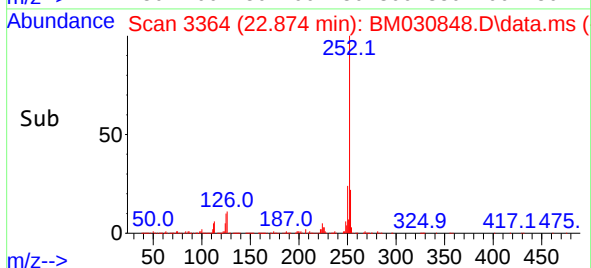
Tgt Ion:228 Resp: 509821
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.2 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 20.154 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.000 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06



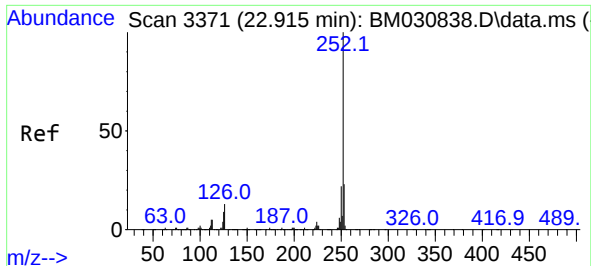
Tgt Ion:252 Resp: 612991
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.3 7.7 11.5



Instrument :
BNA_M
ClientSampleId :
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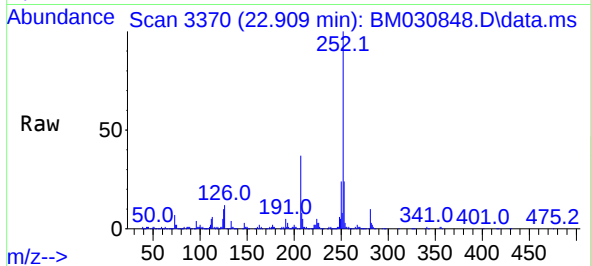
Manual Integrations
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#91
Benzo(k)fluoranthene
Concen: 6.319 ng/ul m
RT: 22.909 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06

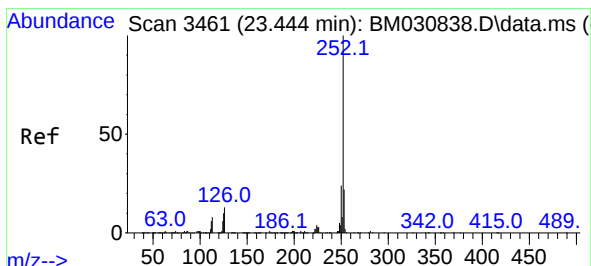
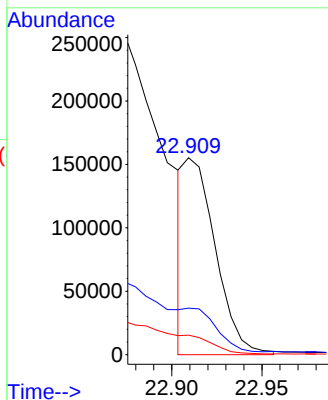
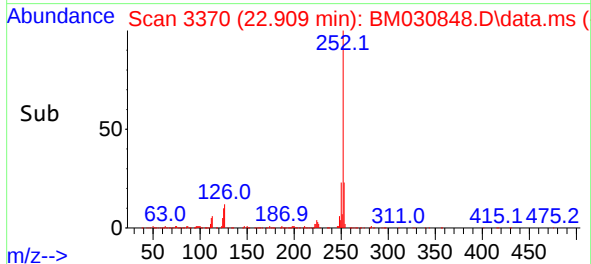
Instrument :
BNA_M
ClientSampleId :
BGDS8DL



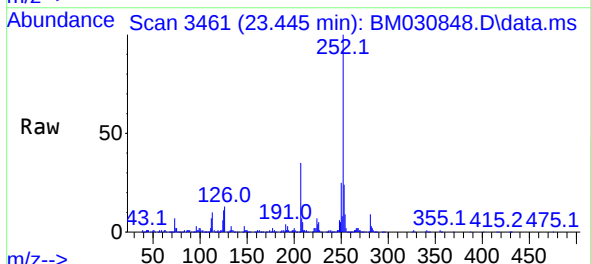
Tgt Ion:252 Resp: 186806
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 9.9 7.4 11.0

Manual Integrations
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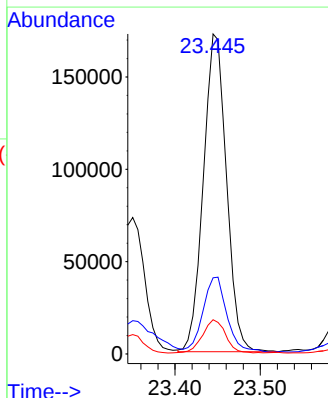
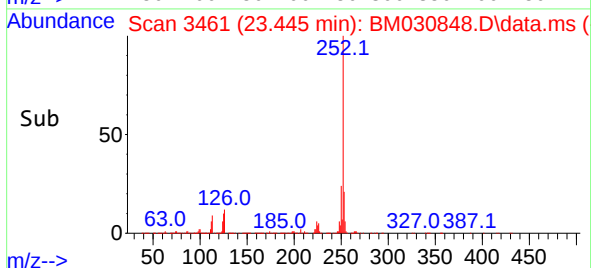
mohammad
7/7/2021 6:13:27 PM

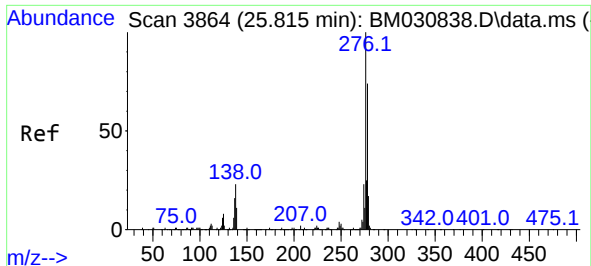


#93
Benzo(a)pyrene
Concen: 12.052 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. -0.012 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06



Tgt Ion:252 Resp: 324393
Ion Ratio Lower Upper
252 100
253 23.8 16.7 25.1
125 10.7 8.5 12.7





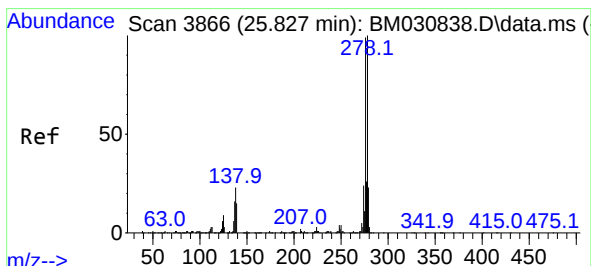
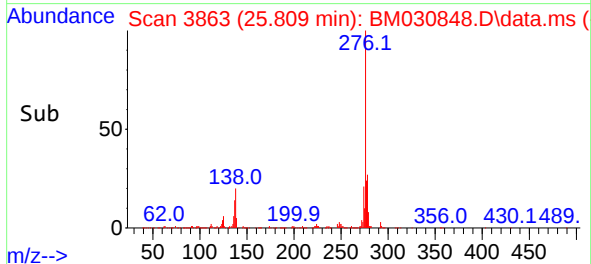
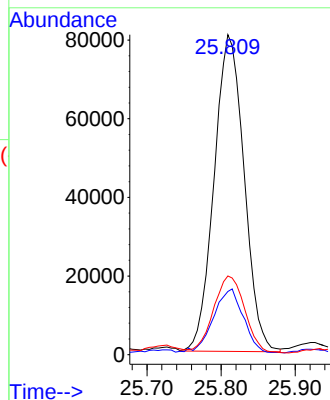
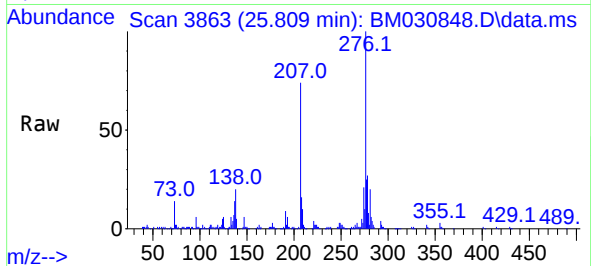
#94
Indeno(1,2,3-cd)pyrene
Concen: 6.758 ng/ul
RT: 25.809 min Scan# 3863
Delta R.T. -0.017 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06

Tgt Ion: 276 Resp: 226207
Ion Ratio Lower Upper
276 100
138 19.8 18.1 27.1
277 24.6 20.3 30.5

Instrument :
BNA_M
ClientSampled :
BGDS8DL

Manual Integrations
APPROVED

mohammad
7/7/2021 6:13:27 PM



#95
Dibenzo(a,h)anthracene
Concen: 2.618 ng/ul
RT: 25.815 min Scan# 3864
Delta R.T. -0.023 min
Lab File: BM030848.D
Acq: 07 Jul 2021 09:06

Tgt Ion: 278 Resp: 73484
Ion Ratio Lower Upper
278 100
139 18.8 12.4 18.6#
279 29.0 19.0 28.6#

