

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030728.D
 Acq On : 01 Jul 2021 05:51
 Operator : CG/JU
 Sample : M2808-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS2

Manual Integrations
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Quant Time: Jul 01 06:24:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	91726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	344848	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	202713	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	407016	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	485573	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	534194	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	7920	3.501	ng/uL	0.00
4) Pyridine-d5	3.693	84	50884	8.371	ng/ul	0.01
7) Phenol-d5	6.946	99	125554	15.871	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	82397	16.571	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	110430	18.085	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	101669	16.514	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	48095	18.690	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	50613	17.698	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	97240	17.750	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	114291	14.960	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	286264	20.452	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	357525	19.678	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	32515	12.262	ng/ul	0.00
60) Fluorene-d10	15.398	176	259254	20.883	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	13676	5.136	ng/ul	0.00
73) Anthracene-d10	17.245	188	400071	21.062	ng/ul	0.00
81) Pyrene-d10	19.533	212	416021	16.351	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	433983	15.626	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.610	128	58592	3.356	ng/ul	98
47) Dimethylphthalate	13.863	163	52813	3.851	ng/ul	99
50) Acenaphthylene	14.127	152	308841	18.326	ng/ul	99
52) Acenaphthene	14.469	153	174499	14.267	ng/ul	97
56) Dibenzofuran	14.804	168	123161	7.223	ng/ul	98
61) Fluorene	15.451	166	323010	22.987	ng/ul	99
72) Phenanthrene	17.192	178	3861134	176.650	ng/ul	98
74) Anthracene	17.280	178	1742575	77.973	ng/ul	99
77) Carbazole	17.545	167	21534	1.075	ng/ul#	88
80) Fluoranthene	19.204	202	5532059	178.029	ng/ul	99
82) Pyrene	19.568	202	3807179	116.602	ng/ul	97
85) Benzo(a)anthracene	21.303	228	2636311m	87.486	ng/ul	
87) Chrysene	21.350	228	2082045	70.874	ng/ul	96
90) Benzo(b)fluoranthene	22.897	252	2653910	78.252	ng/ul	98
91) Benzo(k)fluoranthene	22.933	252	710233m	21.791	ng/ul	
93) Benzo(a)pyrene	23.474	252	1463076	47.977	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.850	276	925669	24.112	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.850	278	295998	9.301	ng/ul#	91
96) Benzo(g,h,i)perylene	26.544	276	68054	2.125	ng/ul#	88

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

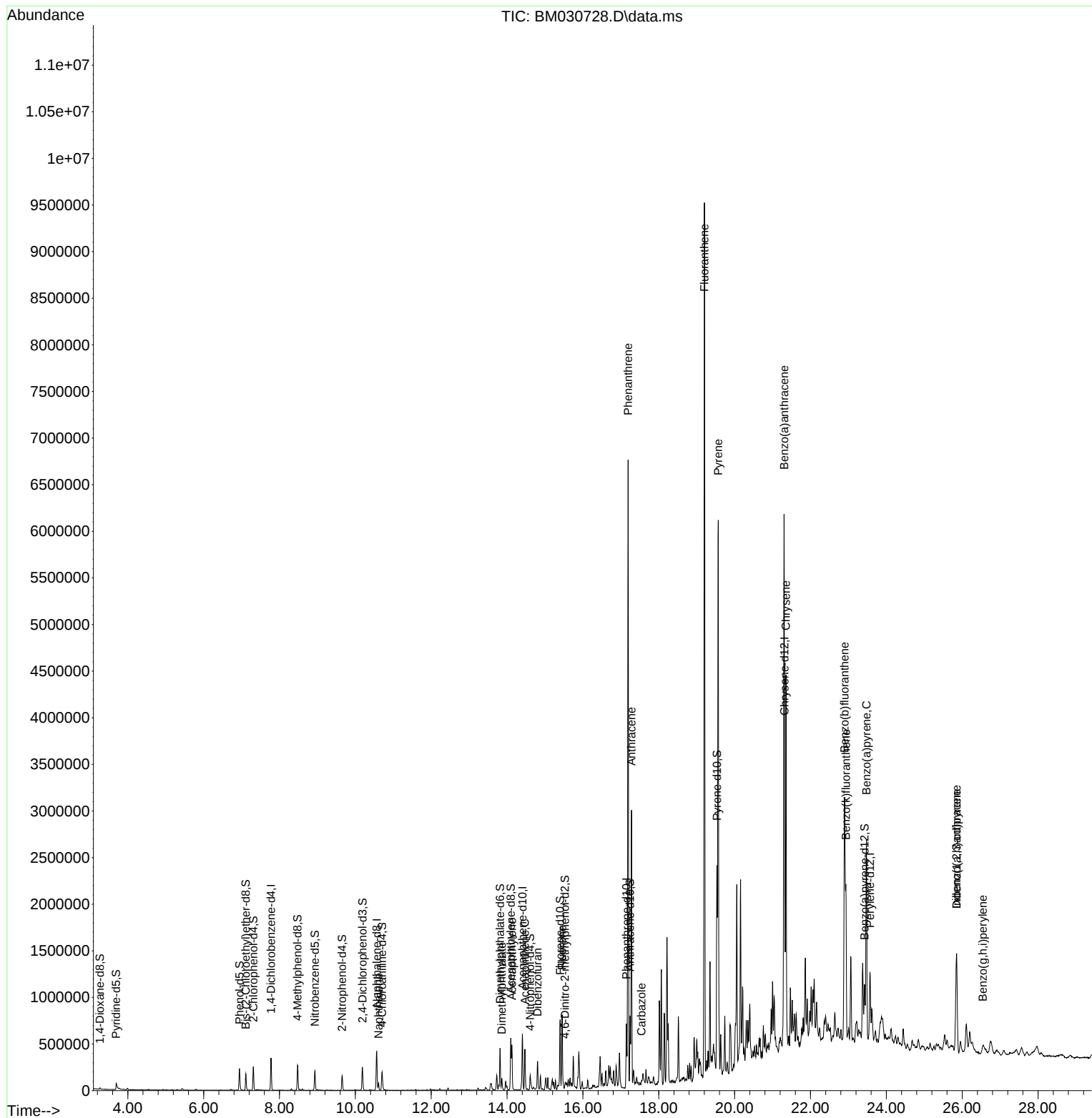
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030728.D
Acq On : 01 Jul 2021 05:51
Operator : CG/JU
Sample : M2808-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

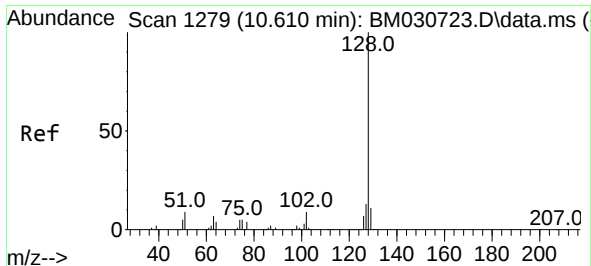
Instrument :
BNA_M
ClientSampleId :
BGDS2

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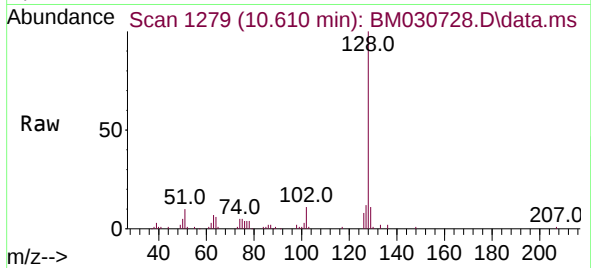
Quant Time: Jul 01 06:24:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.356 ng/ul
RT: 10.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

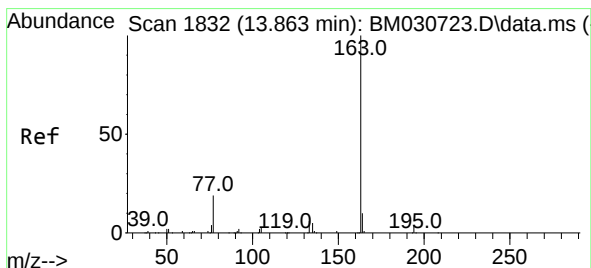
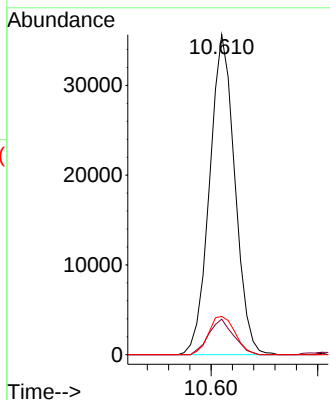
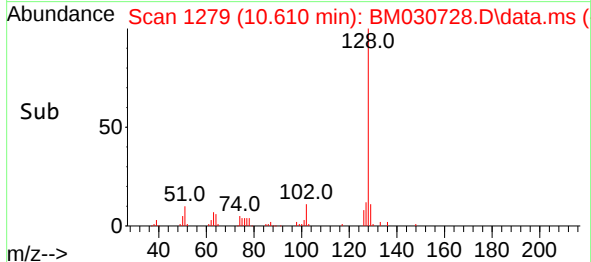
Instrument :
BNA_M
ClientSampleId :
BGDS2



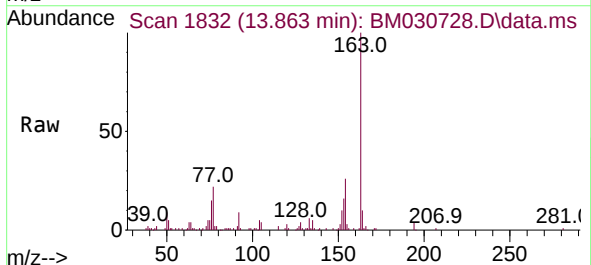
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.0	10.6	15.8

Manual Integrations
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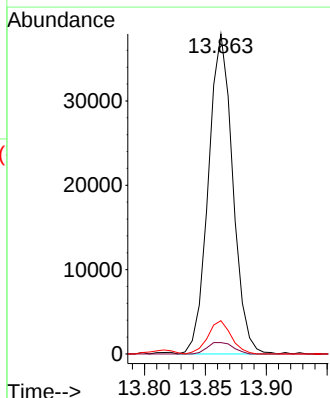
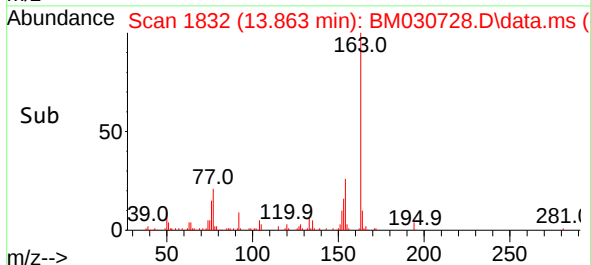
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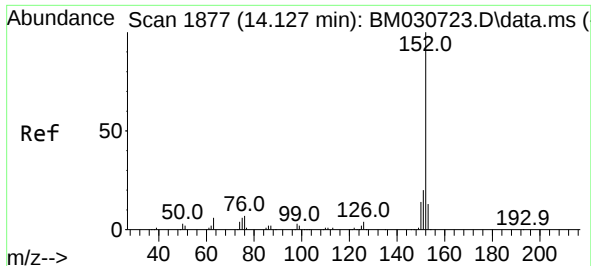


#47
Dimethylphthalate
Concen: 3.851 ng/ul
RT: 13.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51



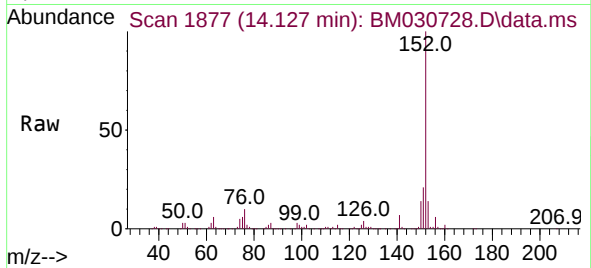
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.4	8.2	12.4





#50
Acenaphthylene
Concen: 18.326 ng/ul
RT: 14.127 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

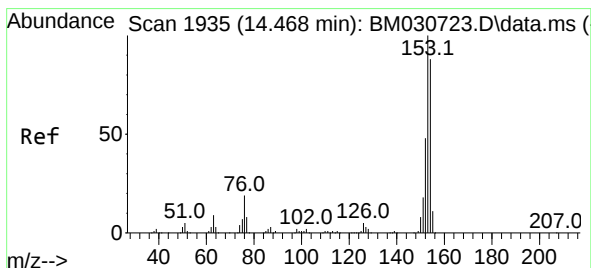
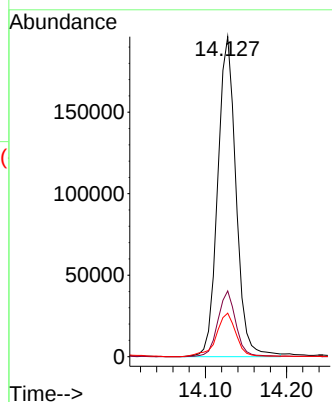
Instrument :
BNA_M
ClientSampleId :
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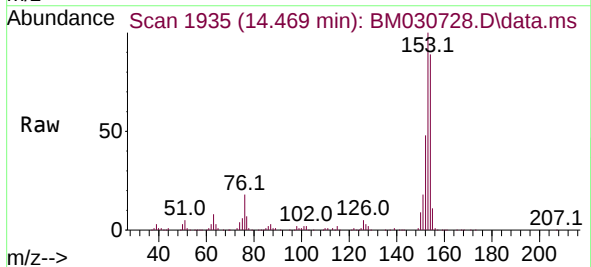
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.6	10.2	15.4

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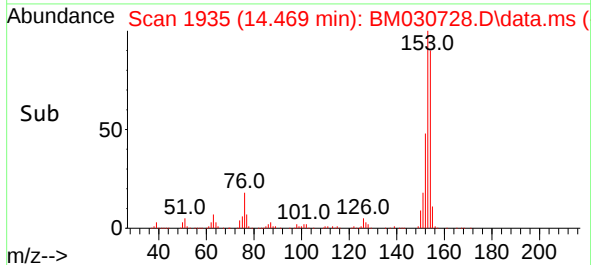
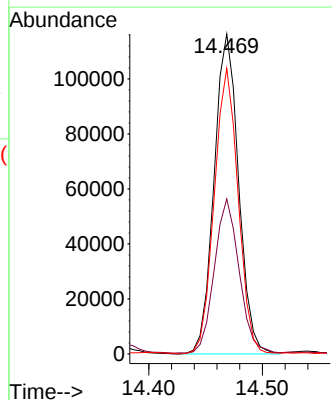
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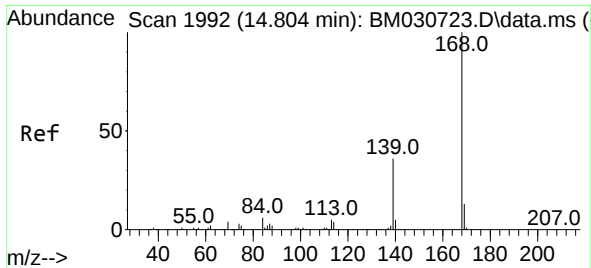


#52
Acenaphthene
Concen: 14.267 ng/ul
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51



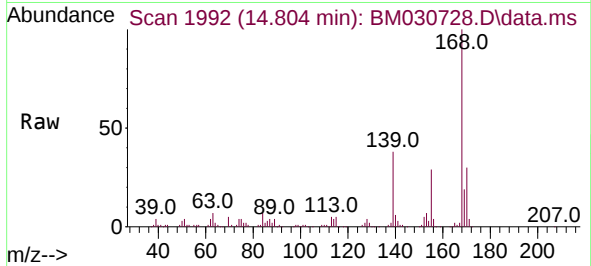
Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.4	56.2
154	89.3	69.4	104.0





#56
Dibenzofuran
Concen: 7.223 ng/ul
RT: 14.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

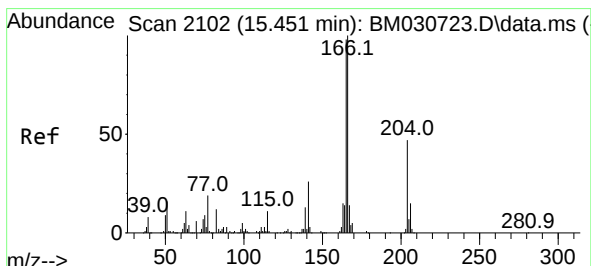
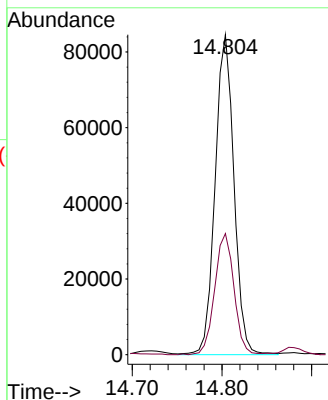
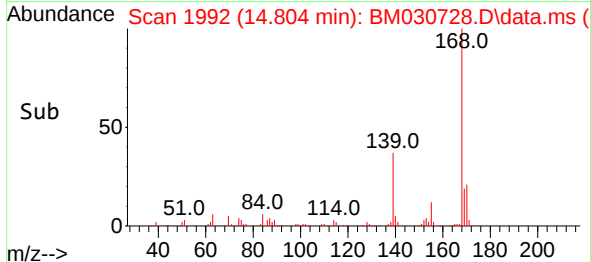
Instrument :
BNA_M
ClientSampleId :
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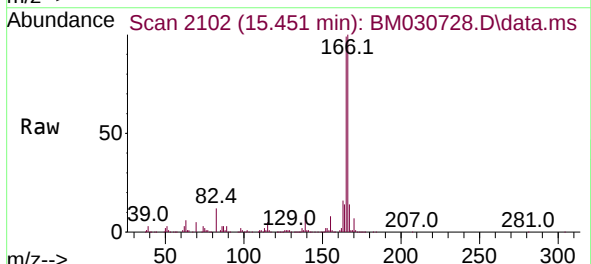
Tgt Ion:168 Resp: 123161
Ion Ratio Lower Upper
168 100
139 37.8 29.5 44.3

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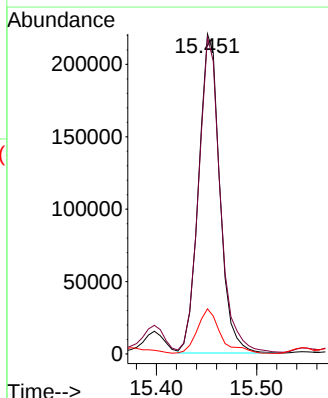
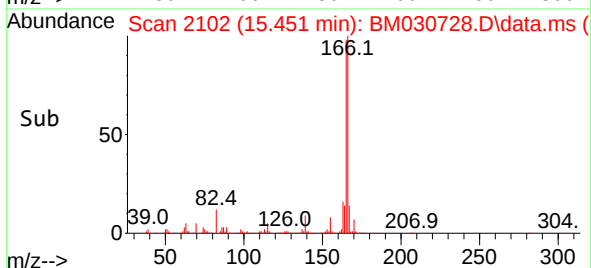
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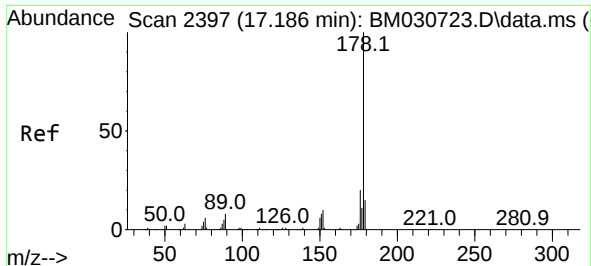


#61
Fluorene
Concen: 22.987 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51



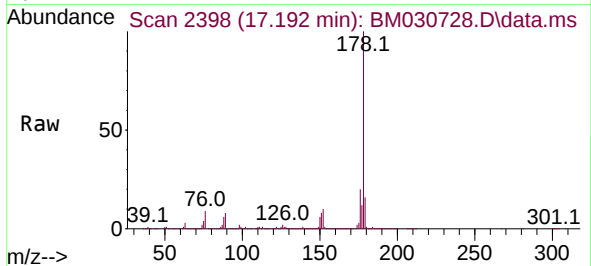
Tgt Ion:166 Resp: 323010
Ion Ratio Lower Upper
166 100
165 99.0 78.4 117.6
167 14.1 10.6 15.8





#72
Phenanthrene
Concen: 176.650 ng/ul
RT: 17.192 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

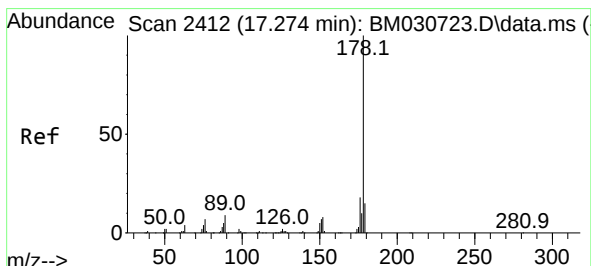
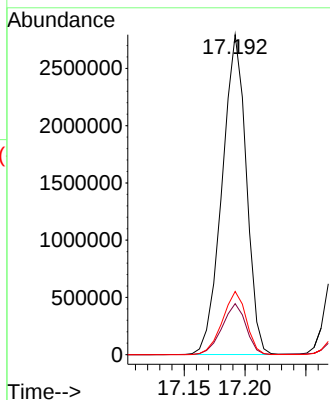
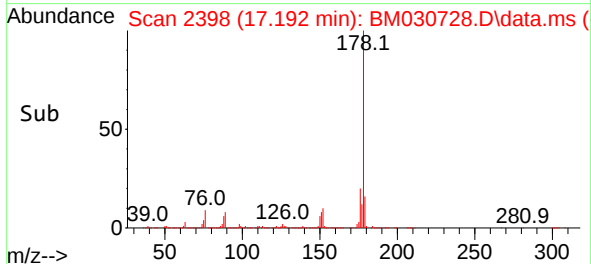
Instrument :
BNA_M
ClientSampled :
BGDS2



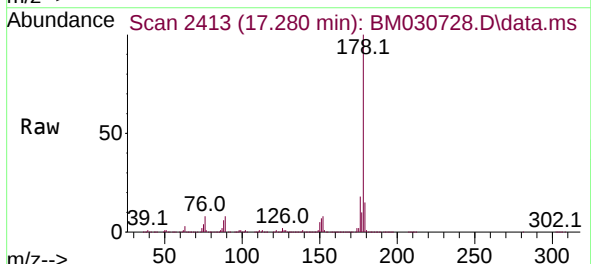
Tgt Ion:178 Resp: 3861134
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 19.7 15.2 22.8

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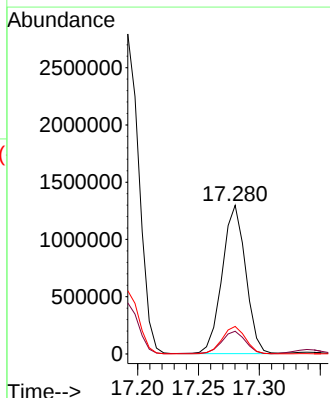
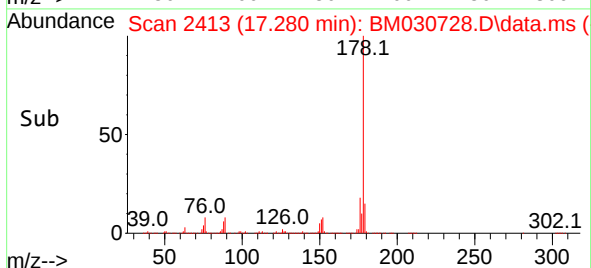
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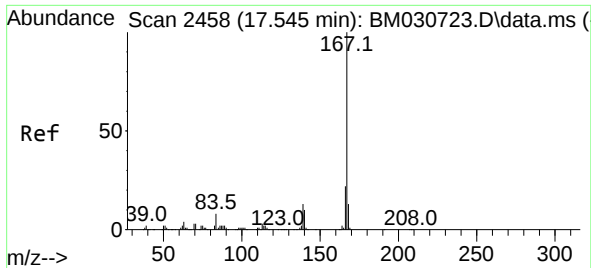


#74
Anthracene
Concen: 77.973 ng/ul
RT: 17.280 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51



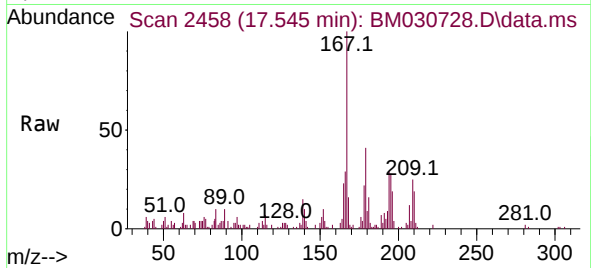
Tgt Ion:178 Resp: 1742575
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.5 15.2 22.8





#77
 Carbazole
 Concen: 1.075 ng/ul
 RT: 17.545 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BM030728.D
 Acq: 01 Jul 2021 05:51

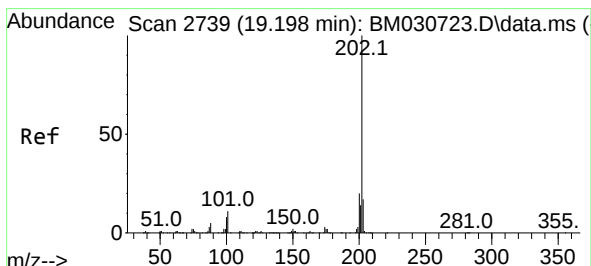
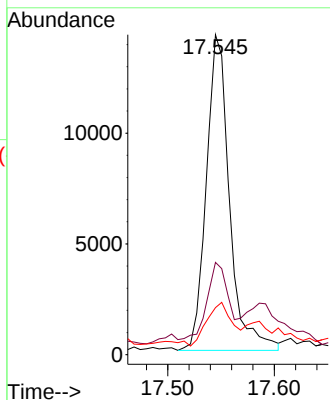
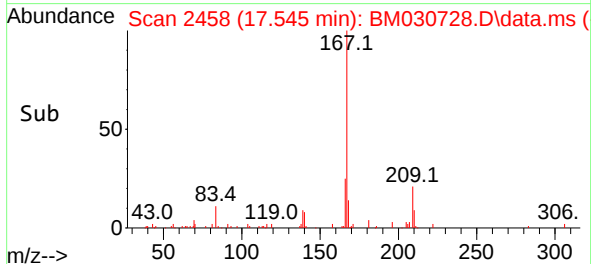
Instrument :
 BNA_M
 ClientSampled :
 BGDS2



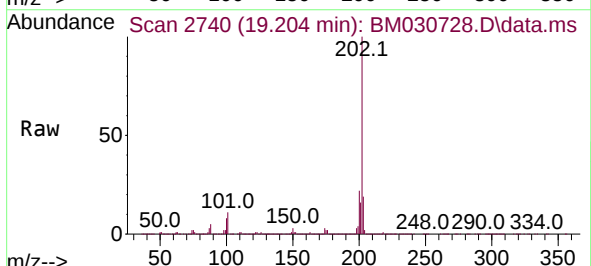
Tgt Ion:167 Resp: 21534
 Ion Ratio Lower Upper
 167 100
 166 28.9 17.0 25.6#
 139 14.7 9.9 14.9

Manual Integrations
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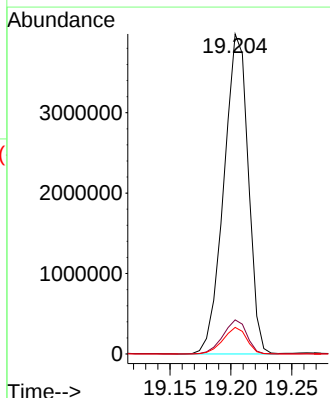
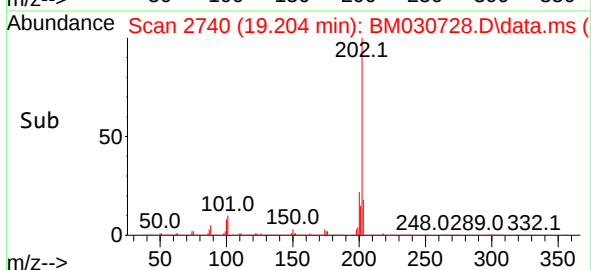
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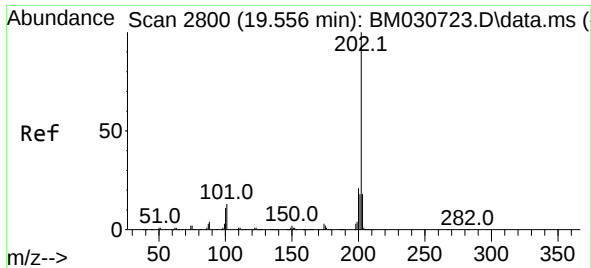


#80
 Fluoranthene
 Concen: 178.029 ng/ul
 RT: 19.204 min Scan# 2740
 Delta R.T. -0.000 min
 Lab File: BM030728.D
 Acq: 01 Jul 2021 05:51



Tgt Ion:202 Resp: 5532059
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.8 13.2
 100 8.3 6.8 10.2





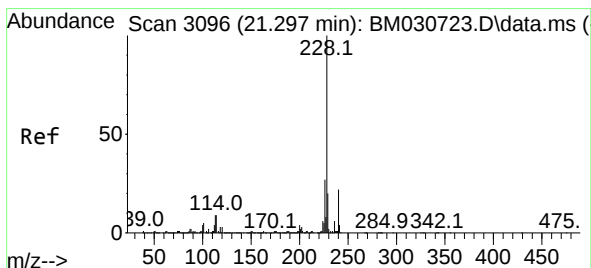
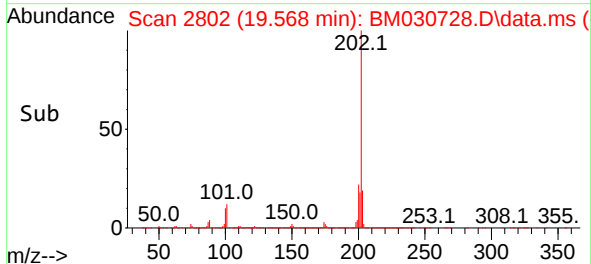
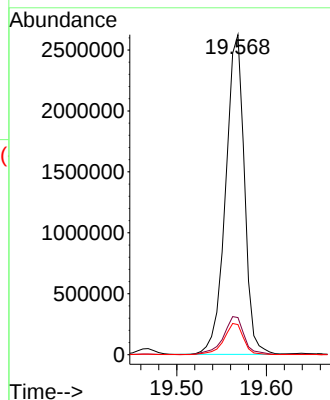
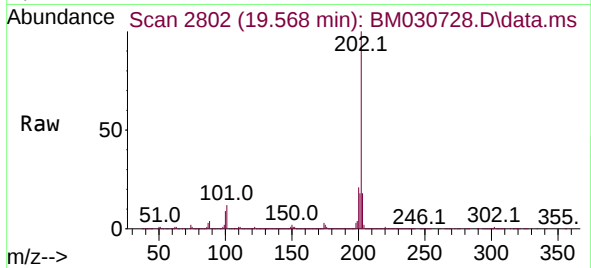
#82
Pyrene
Concen: 116.602 ng/ul
RT: 19.568 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

Tgt Ion:202 Resp: 3807179
Ion Ratio Lower Upper
202 100
101 11.6 10.0 15.0
100 9.4 8.5 12.7

Instrument :
BNA_M
ClientSampled :
BGDS2

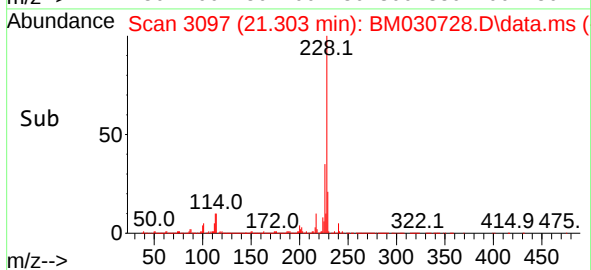
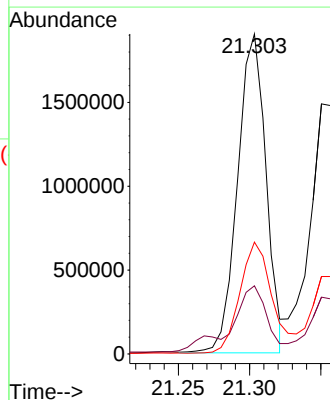
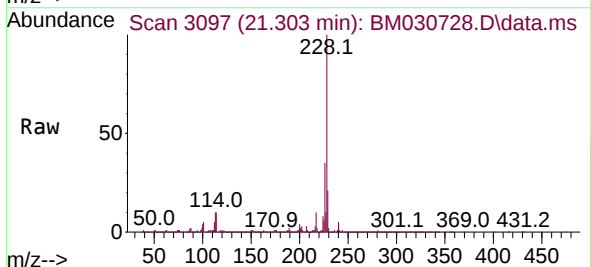
Manual Integrations
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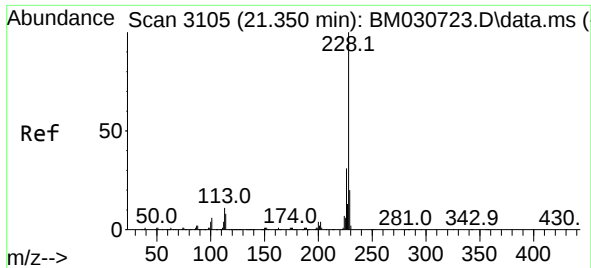
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7/1/2021 2:55:45 PM



#85
Benzo(a)anthracene
Concen: 87.486 ng/ul m
RT: 21.303 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

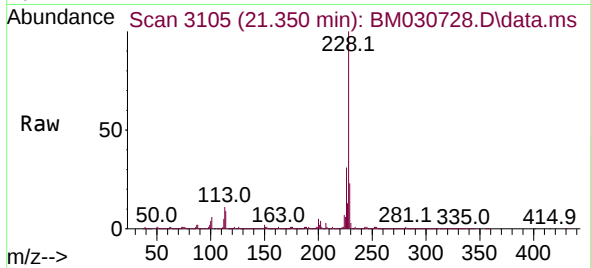
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Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 35.0 22.2 33.2#



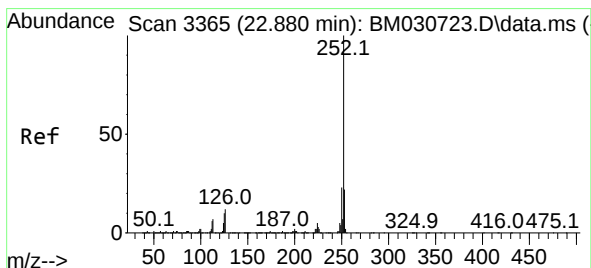
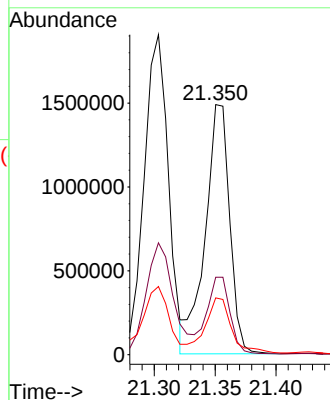
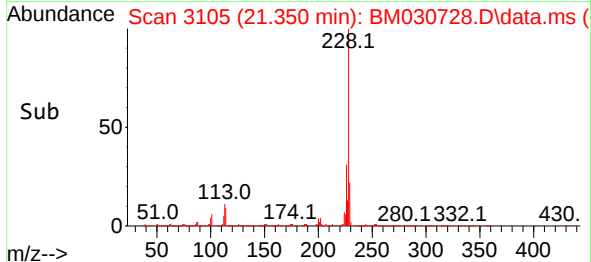


#87
Chrysene
Concen: 70.874 ng/ul
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

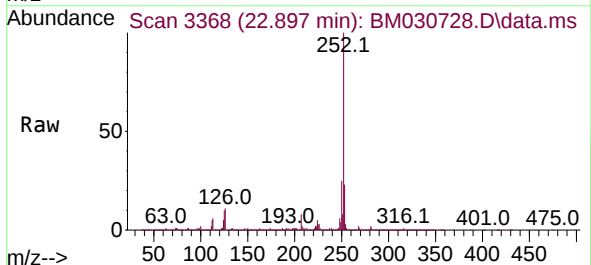
Instrument :
BNA_M
ClientSampled :
BGDS2



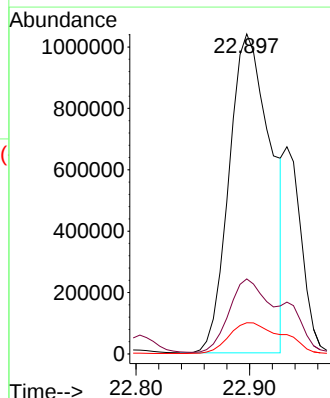
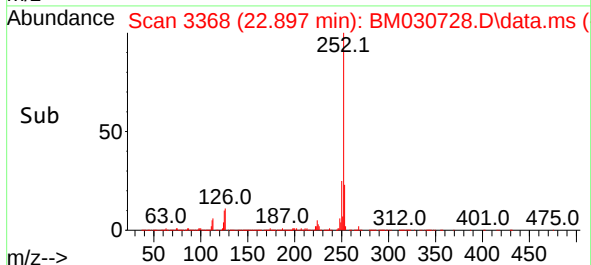
Tgt Ion:228 Resp: 2082045
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 22.7 15.9 23.9

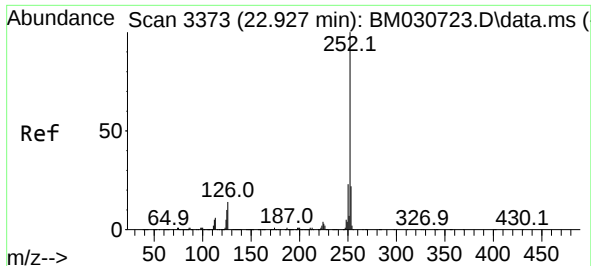


#90
Benzo(b)fluoranthene
Concen: 78.252 ng/ul
RT: 22.897 min Scan# 3368
Delta R.T. 0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51



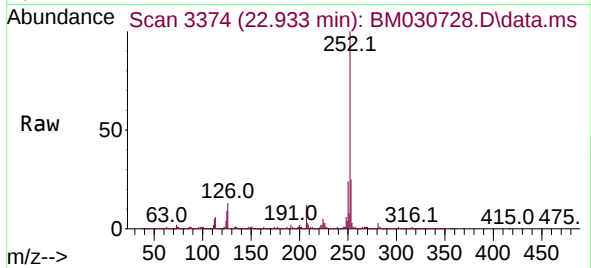
Tgt Ion:252 Resp: 2653910
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 9.8 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 21.791 ng/ul m
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

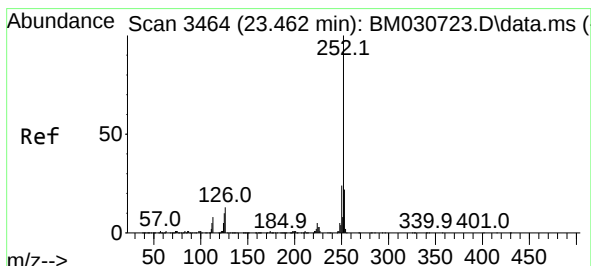
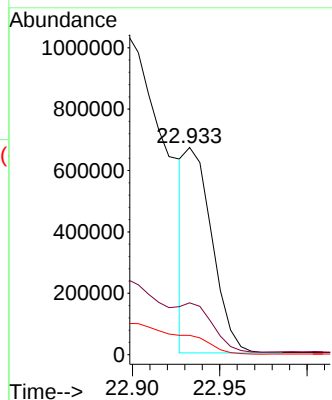
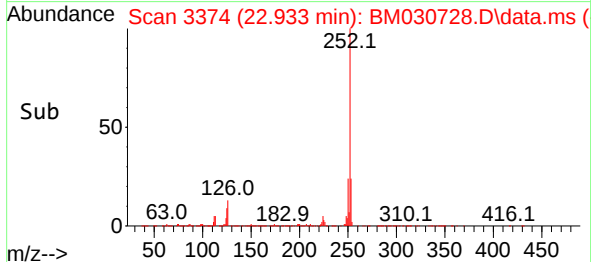
Instrument :
BNA_M
ClientSampled :
BGDS2



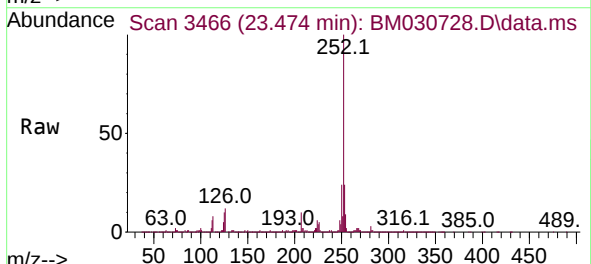
Tgt Ion:252 Resp: 710233
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 9.4 7.9 11.9

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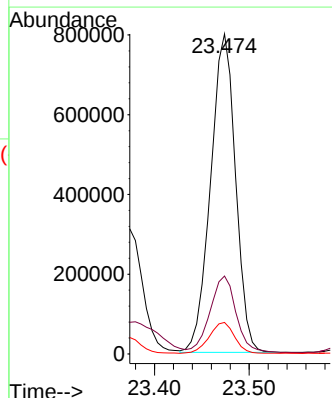
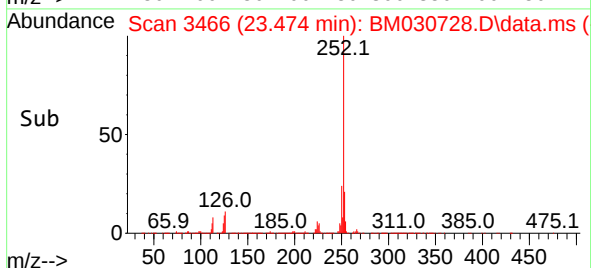
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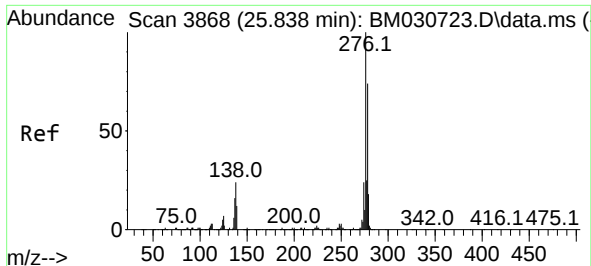


#93
Benzo(a)pyrene
Concen: 47.977 ng/ul
RT: 23.474 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51



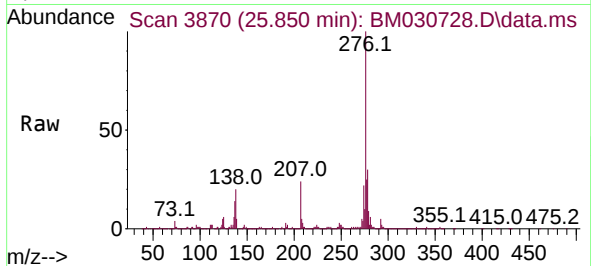
Tgt Ion:252 Resp: 1463076
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 9.9 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 24.112 ng/ul
RT: 25.850 min Scan# 3870
Delta R.T. -0.000 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51

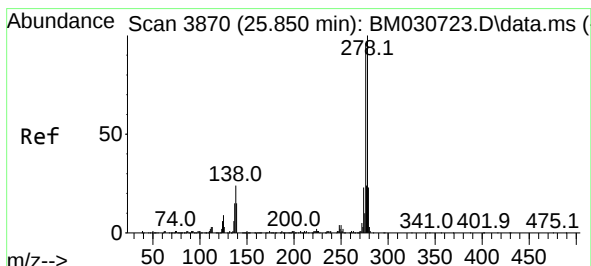
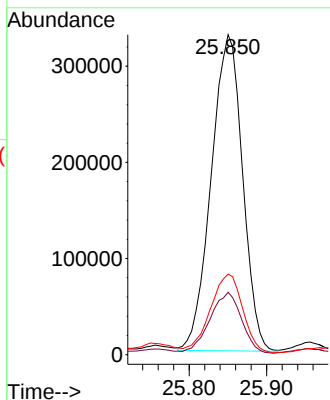
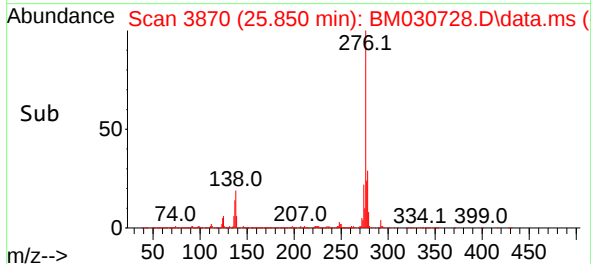
Instrument :
BNA_M
ClientSampled :
BGDS2



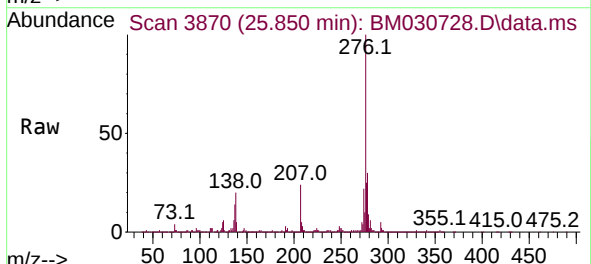
Tgt Ion:276 Resp: 925669
Ion Ratio Lower Upper
276 100
138 19.5 19.5 29.3#
277 25.2 19.6 29.4

Manual Integrations
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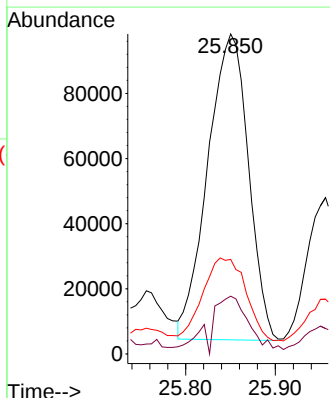
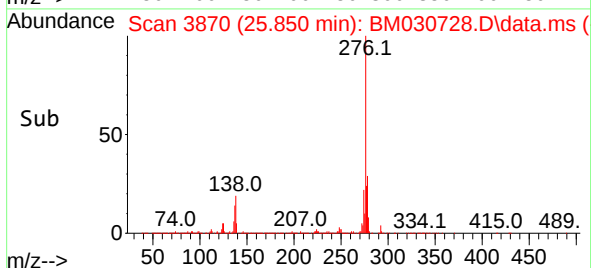
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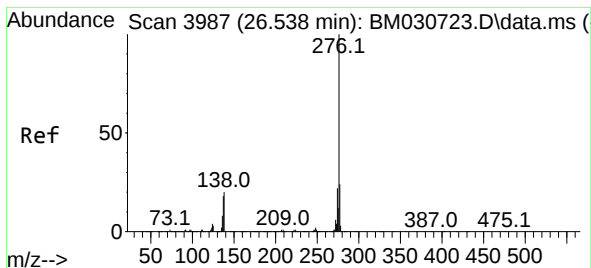


#95
Dibenzo(a,h)anthracene
Concen: 9.301 ng/ul
RT: 25.850 min Scan# 3870
Delta R.T. -0.006 min
Lab File: BM030728.D
Acq: 01 Jul 2021 05:51



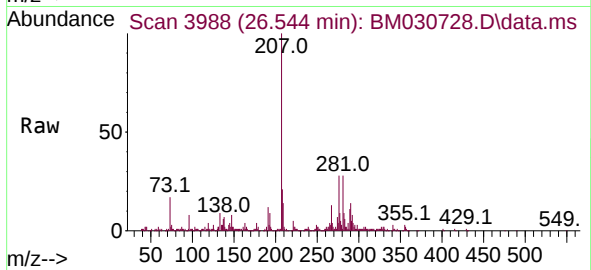
Tgt Ion:278 Resp: 295998
Ion Ratio Lower Upper
278 100
139 18.1 12.8 19.2
279 29.5 19.1 28.7#





#96
 Benzo(g,h,i)perylene
 Concen: 2.125 ng/ul
 RT: 26.544 min Scan# 3988
 Delta R.T. -0.006 min
 Lab File: BM030728.D
 Acq: 01 Jul 2021 05:51

Instrument :
 BNA_M
 ClientSampleId :
 BGDS2



Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	16.5	24.7
277	30.4	18.5	27.7#

Manual Integrations
 APPROVED

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