

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM032016.D
 Acq On : 01 Sep 2021 12:15
 Operator : CG/JU
 Sample : M3448-02DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBKD4DL

Manual Integrations
 APPROVED

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Quant Time: Sep 01 13:51:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 01 11:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.498	152	62520	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	263261	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.139	164	195868	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.898	188	457342	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.103	240	552248	20.000	ng/u1	# 0.00
88) Perylene-d12	23.239	264	543173	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.563	84	4655m	1.210	ng/u1	0.04
7) Phenol-d5	6.710	99	4350	0.839	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.863	67	16202	5.401	ng/u1	0.00
11) 2-Chlorophenol-d4	7.045	132	16377	4.105	ng/u1	0.00
15) 4-Methylphenol-d8	8.222	113	9604	2.159	ng/u1	0.00
21) Nitrobenzene-d5	8.657	128	10958	5.731	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	10437	4.612	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	20620	4.542	ng/u1	0.01
31) 4-Chloroaniline-d4	10.422	131	21016	3.281	ng/u1	0.01
46) Dimethylphthalate-d6	13.569	166	105873	7.144	ng/u1	0.00
49) Acenaphthylene-d8	13.827	160	108687	6.192	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.145	176	96466	7.404	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	16.998	188	165393	7.619	ng/u1	0.00
81) Pyrene-d10	19.303	212	206255	7.974	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.103	264	215007	7.532	ng/u1	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	11.928	142	31690	3.050	ng/u1	99
37) 1-Methylnaphthalene	12.151	142	86714	8.193	ng/u1	99
52) Acenaphthene	14.204	153	377902	32.218	ng/u1	98
56) Dibenzofuran	14.545	168	45940	2.656	ng/u1	98
61) Fluorene	15.198	166	125655	8.585	ng/u1	94
72) Phenanthrene	16.939	178	89061	3.565	ng/u1	98
80) Fluoranthene	18.968	202	43578	1.386	ng/u1#	95

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

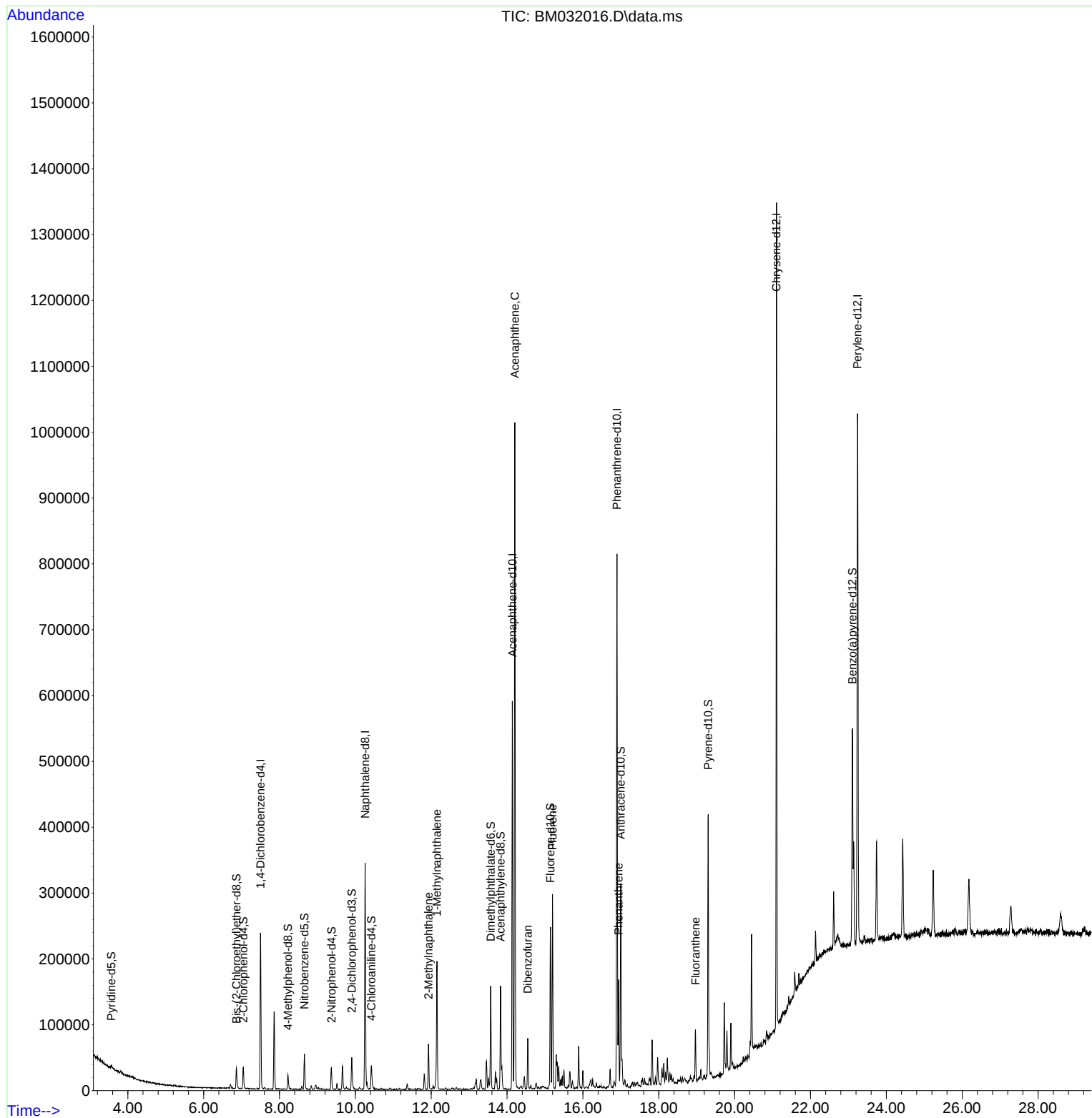
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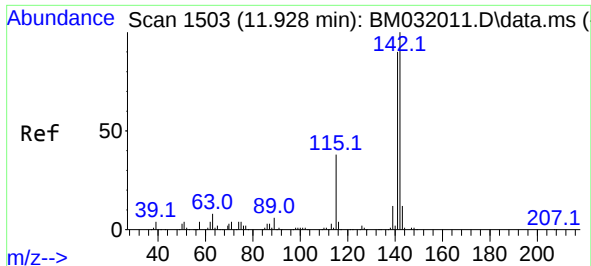
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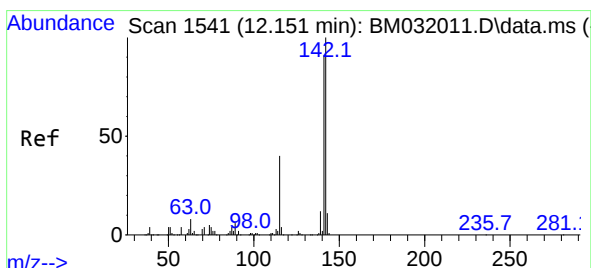
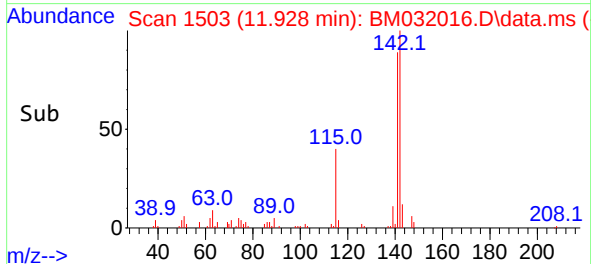
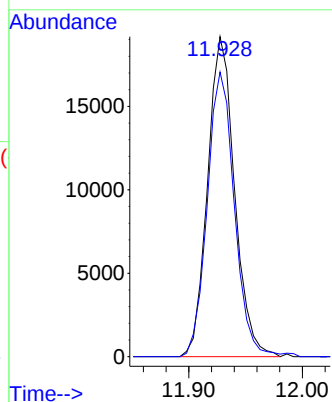
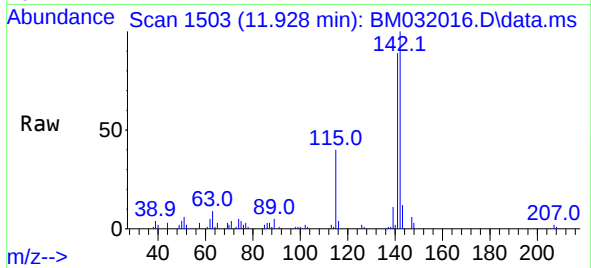
#36
2-Methylnaphthalene
Concen: 3.050 ng/ul
RT: 11.928 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BM032016.D
Acq: 01 Sep 2021 12:15

Instrument :
BNA_M
ClientSampleID :
DBKD4DL

Tgt Ion:142 Resp: 31690
Ion Ratio Lower Upper
142 100
141 88.9 70.6 105.8

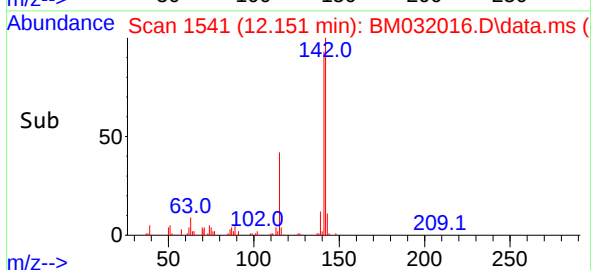
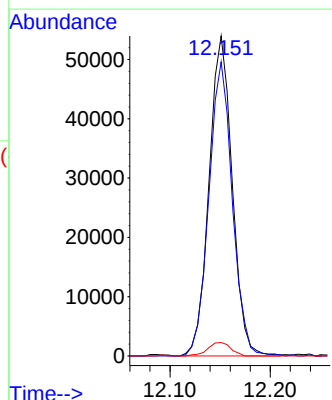
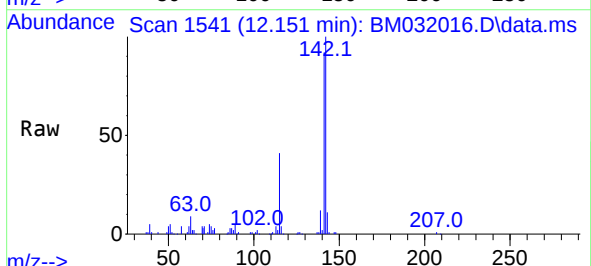
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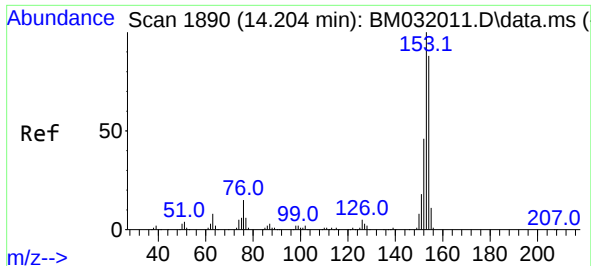
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#37
1-Methylnaphthalene
Concen: 8.193 ng/ul
RT: 12.151 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BM032016.D
Acq: 01 Sep 2021 12:15

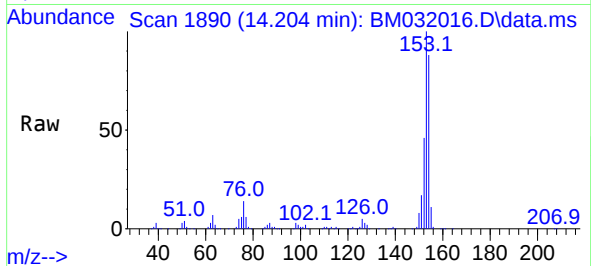
Tgt Ion:142 Resp: 86714
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2
116 4.2 3.1 4.7





#52
Acenaphthene
Concen: 32.218 ng/u1
RT: 14.204 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BM032016.D
Acq: 01 Sep 2021 12:15

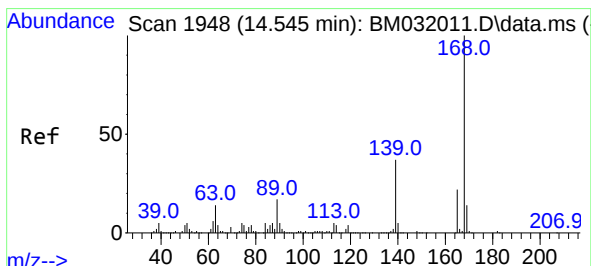
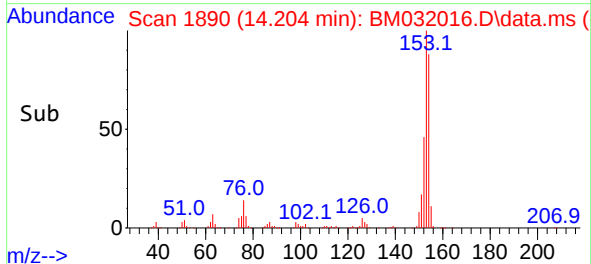
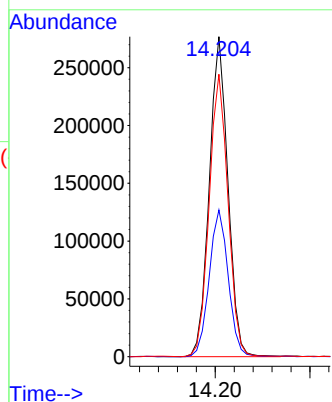
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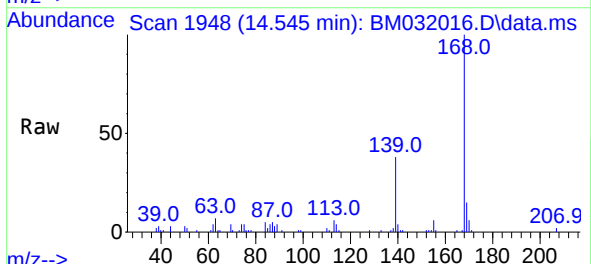
Tgt Ion:153 Resp: 377902
Ion Ratio Lower Upper
153 100
152 45.9 37.4 56.2
154 88.2 69.4 104.0

Manual Integrations
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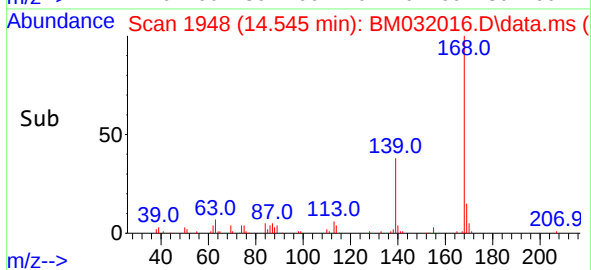
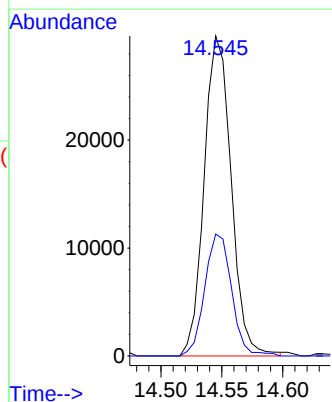
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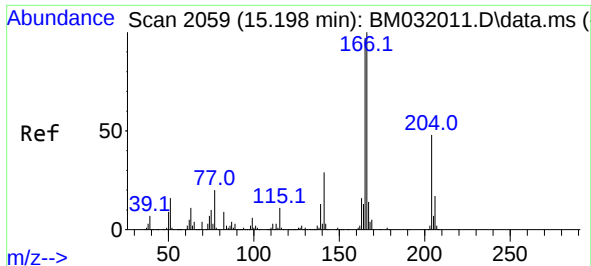


#56
Dibenzofuran
Concen: 2.656 ng/u1
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM032016.D
Acq: 01 Sep 2021 12:15



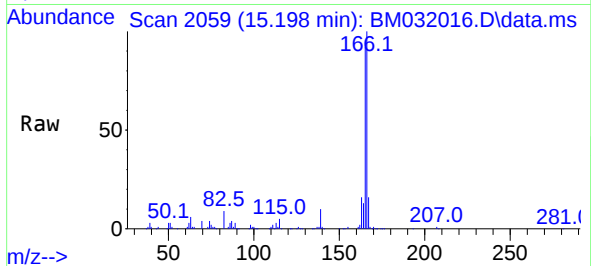
Tgt Ion:168 Resp: 45940
Ion Ratio Lower Upper
168 100
139 38.1 29.5 44.3





#61
Fluorene
Concen: 8.585 ng/u1
RT: 15.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM032016.D
Acq: 01 Sep 2021 12:15

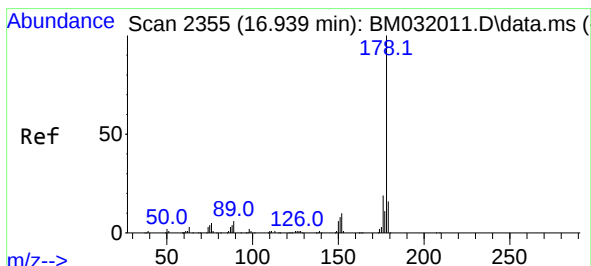
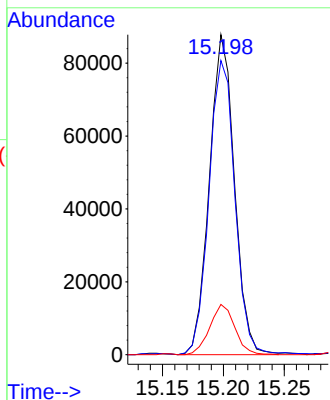
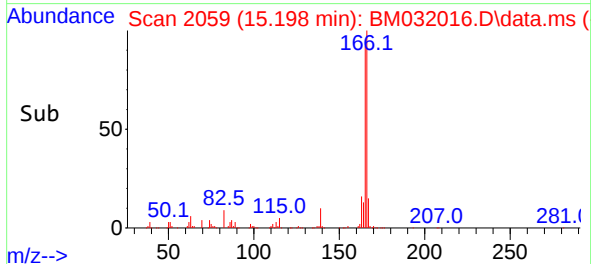
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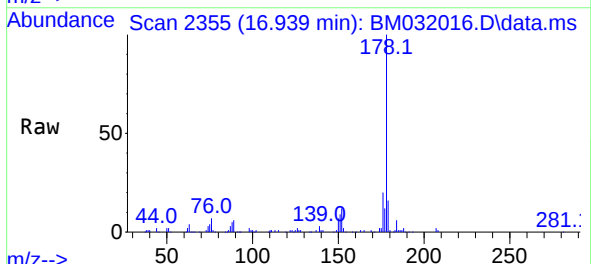
Tgt Ion:166 Resp: 125655
Ion Ratio Lower Upper
166 100
165 91.9 78.4 117.6
167 15.7 10.6 15.8

Manual Integrations
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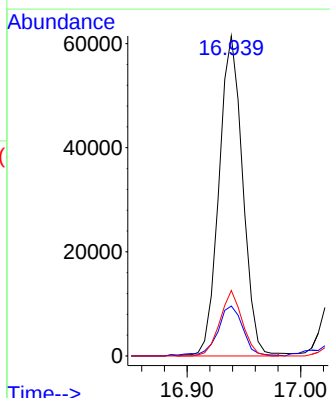
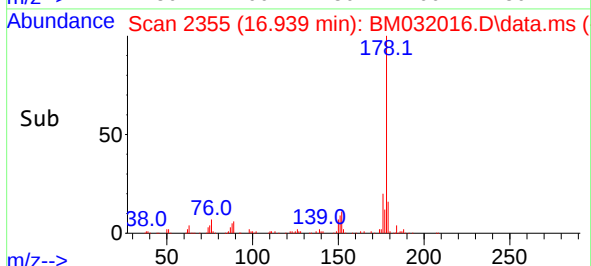
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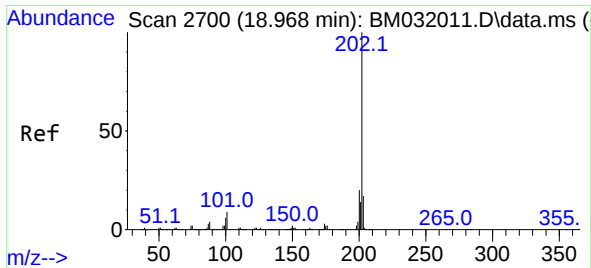


#72
Phenanthrene
Concen: 3.565 ng/u1
RT: 16.939 min Scan# 2355
Delta R.T. -0.000 min
Lab File: BM032016.D
Acq: 01 Sep 2021 12:15



Tgt Ion:178 Resp: 89061
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 20.5 15.2 22.8





#80
 Fluoranthene
 Concen: 1.386 ng/ul
 RT: 18.968 min Scan# 2700
 Delta R.T. -0.000 min
 Lab File: BM032016.D
 Acq: 01 Sep 2021 12:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.8	13.2
100	6.5	6.8	10.2#

Instrument :
 BNA_M
 ClientSampleId :
 DBKD4DL

Manual Integrations
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