

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047844.D
 Acq On : 04 Oct 2024 15:39
 Operator : RC/JU
 Sample : P4017-11ME
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDC86ME

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 04 16:22:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	280408	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1130075	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	728475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1444670	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1452992	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1682591	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	38635	4.453	ng/uL	0.00
4) Pyridine-d5	3.669	84	334731	13.175	ng/ul	0.00
7) Phenol-d5	6.969	99	692800	26.128	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	435525	23.147	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	585316	30.341	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	576104	29.223	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	286462	31.837	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	307283	35.637	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	557762	32.382	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	760763	28.569	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1732092	32.796	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	2021795	32.286	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	279523	26.582	ng/ul	0.00
60) Fluorene-d10	15.427	176	1504101	32.879	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	223691	26.460	ng/ul	0.00
73) Anthracene-d10	17.274	188	2287021	32.195	ng/ul	0.00
81) Pyrene-d10	19.556	212	2731830	33.127	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	2920321	33.451	ng/ul	0.00
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.251	142	77941	1.887	ng/ul	98
37) 1-Methylnaphthalene	12.475	142	99460	2.367	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.063	232	1333936m	112.789	ng/ul	
71) Pentachlorophenol	16.845	266	6872259	623.646	ng/ul	99
72) Phenanthrene	17.215	178	126992	1.499	ng/ul	98
80) Fluoranthene	19.227	202	100310	1.033	ng/ul	96

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

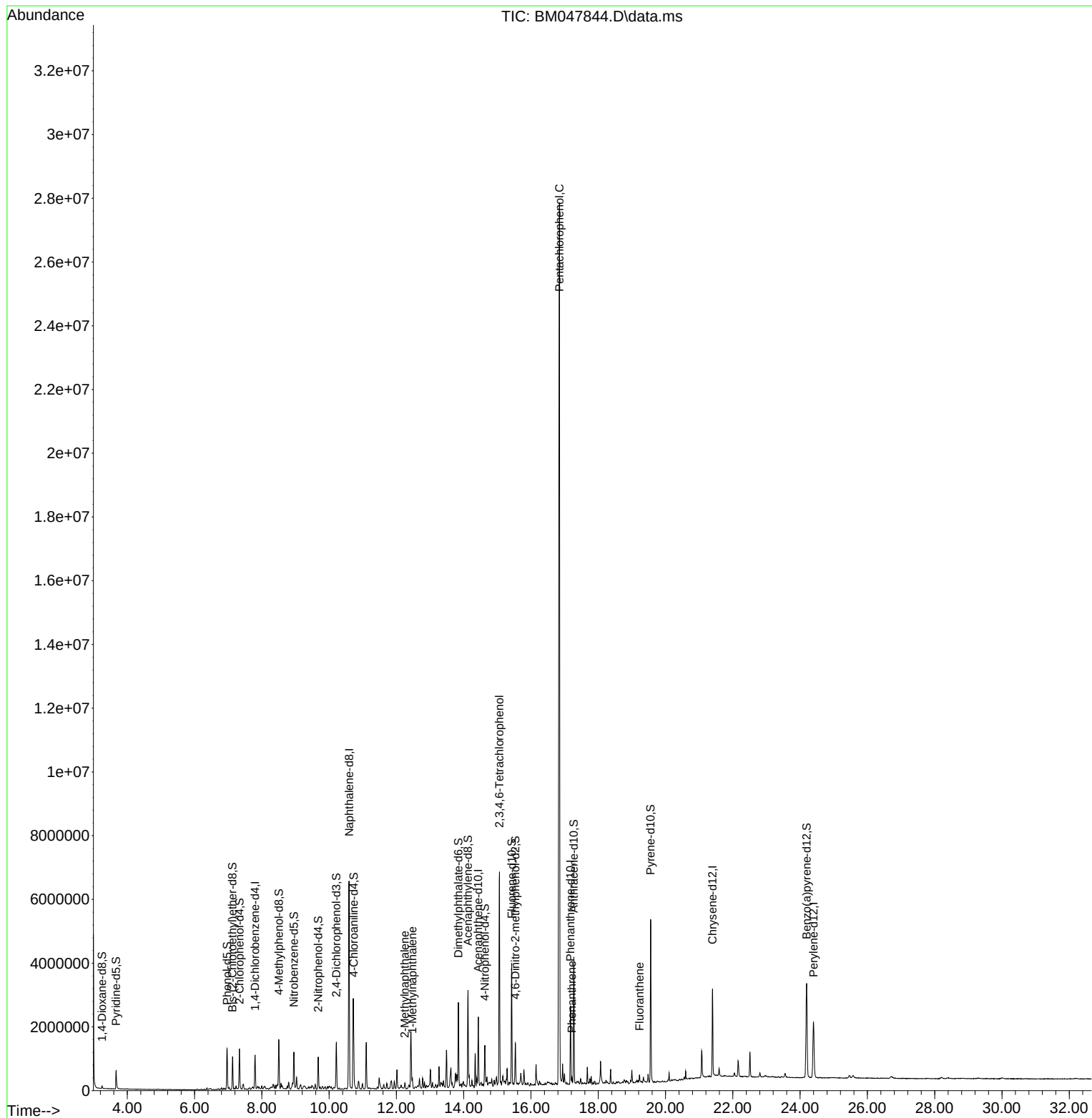
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
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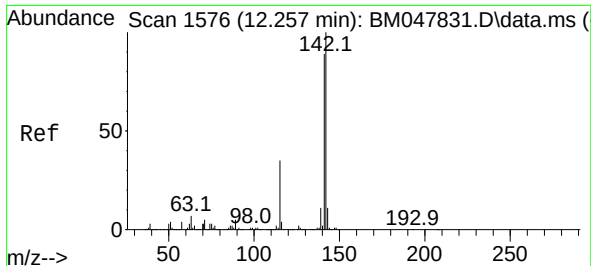
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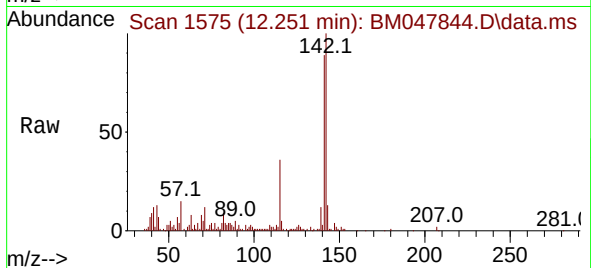
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024





#36
2-Methylnaphthalene
Concen: 1.887 ng/ul
RT: 12.251 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047844.D
Acq: 04 Oct 2024 15:39

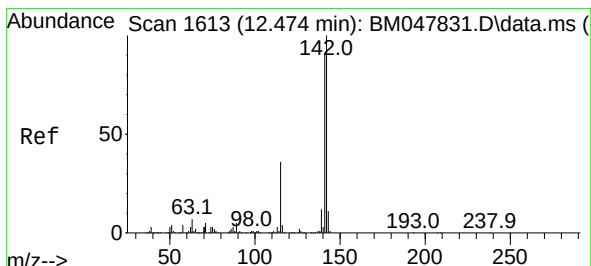
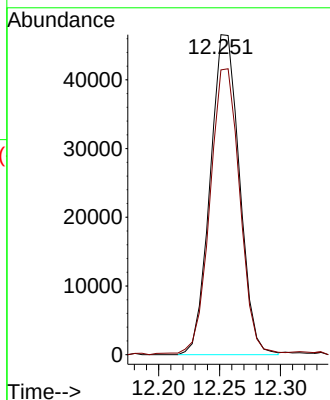
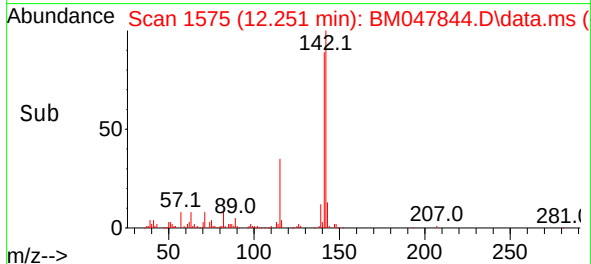
Instrument :
BNA_M
ClientSampleId :
DDC86ME



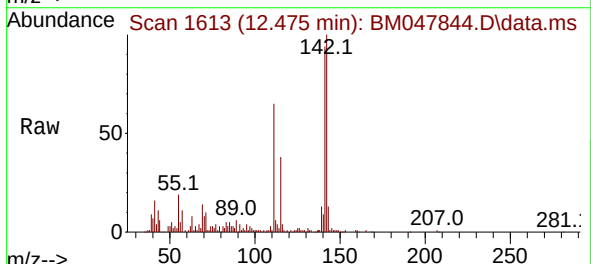
Tgt Ion:142 Resp: 7794
Ion Ratio Lower Upper
142 100
141 89.0 72.5 108.7

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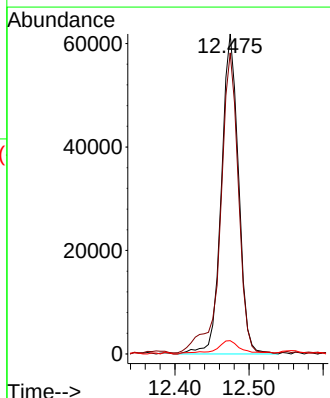
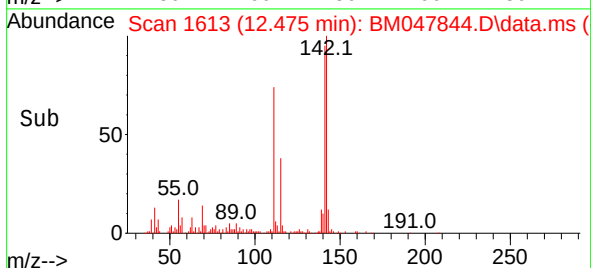
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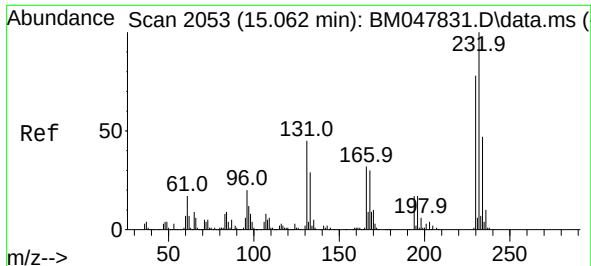


#37
1-Methylnaphthalene
Concen: 2.367 ng/ul
RT: 12.475 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BM047844.D
Acq: 04 Oct 2024 15:39



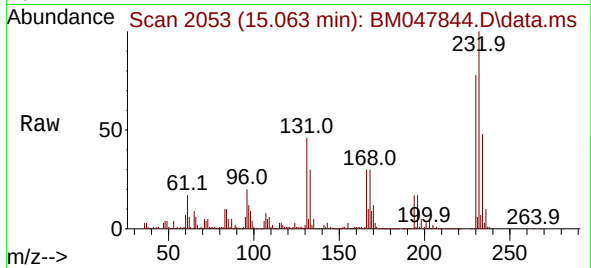
Tgt Ion:142 Resp: 99460
Ion Ratio Lower Upper
142 100
141 94.1 73.4 110.2
116 4.1 3.0 4.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 112.789 ng/ul m
RT: 15.063 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BM047844.D
Acq: 04 Oct 2024 15:39

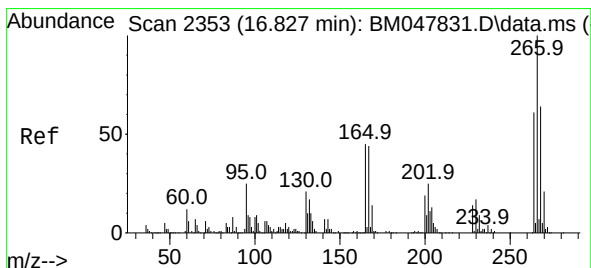
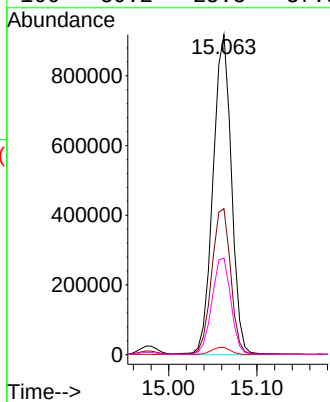
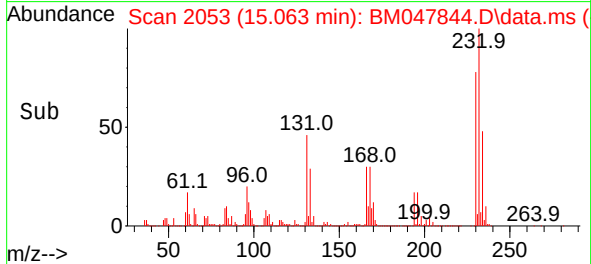
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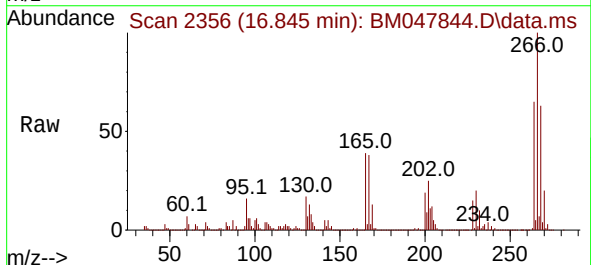
Tgt Ion:232 Resp: 1333930
Ion Ratio Lower Upper
232 100
131 45.6 40.2 60.4
130 2.2 2.6 4.0
166 30.2 25.3 37.9

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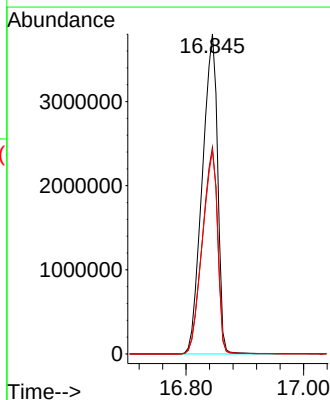
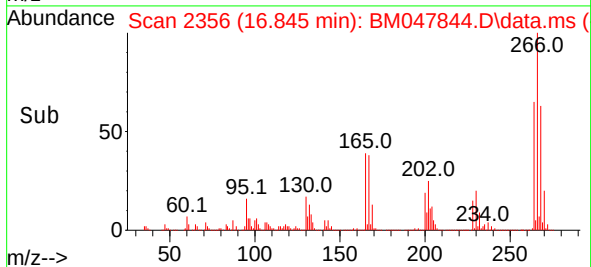
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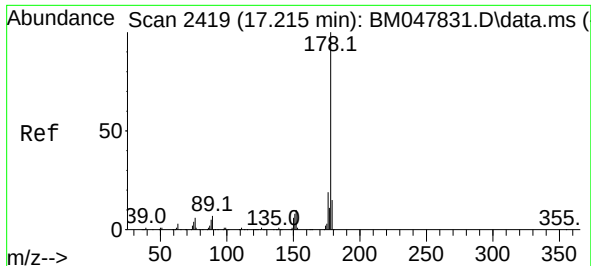


#71
Pentachlorophenol
Concen: 623.646 ng/ul
RT: 16.845 min Scan# 2356
Delta R.T. 0.018 min
Lab File: BM047844.D
Acq: 04 Oct 2024 15:39



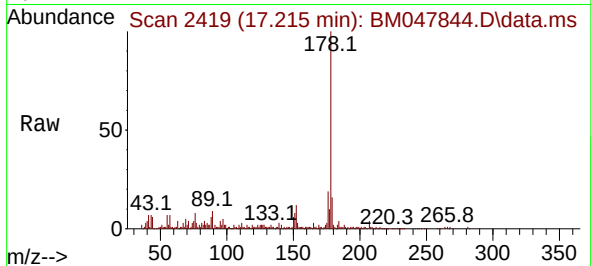
Tgt Ion:266 Resp: 6872259
Ion Ratio Lower Upper
266 100
264 64.6 50.2 75.2
268 63.5 50.9 76.3





#72
Phenanthrene
Concen: 1.499 ng/ul
RT: 17.215 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM047844.D
Acq: 04 Oct 2024 15:39

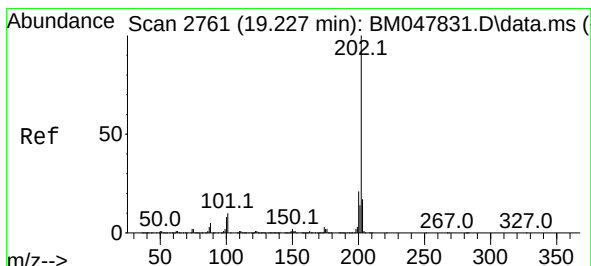
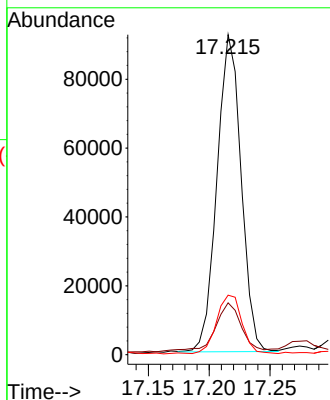
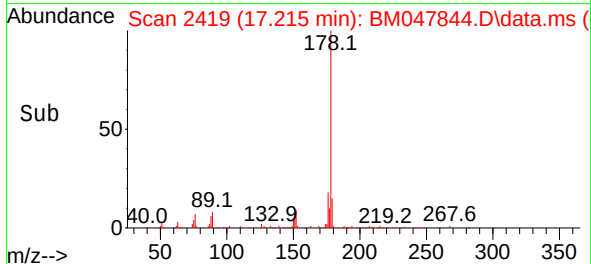
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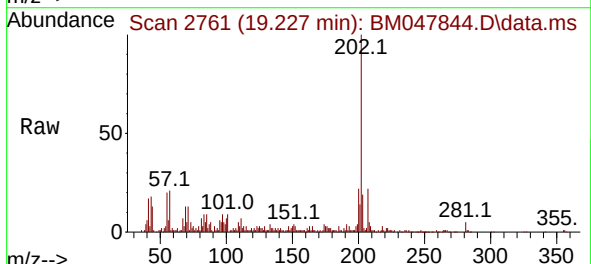
Tgt Ion:178 Resp: 126992
Ion Ratio Lower Upper
178 100
179 16.2 12.0 18.0
176 18.6 15.4 23.0

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#80
Fluoranthene
Concen: 1.033 ng/ul
RT: 19.227 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BM047844.D
Acq: 04 Oct 2024 15:39



Tgt Ion:202 Resp: 100310
Ion Ratio Lower Upper
202 100
101 9.2 9.0 13.4
100 7.4 6.8 10.2

