

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042833.D
 Acq On : 17 Nov 2023 08:22
 Operator : MA/JU
 Sample : 05268-19
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 11:44:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	21388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.633	136	84411	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	55354	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	126118	20.000	ng/ul	-0.01
79) Chrysene-d12	21.415	240	135762	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	165513	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	2144	3.145	ng/uL	0.00
4) Pyridine-d5	3.628	84	12639m	7.454	ng/ul	0.01
7) Phenol-d5	7.010	99	7337m	3.525	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.169	67	47411	32.414	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	30002	18.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	16431	10.025	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	20645	27.896	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	20153	23.278	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	34649	21.524	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	33175	16.231	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	175723	33.542	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	174383	31.110	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.816	143	457m	0.772	ng/ul	0.08
60) Fluorene-d10	15.468	176	148053	34.128	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.621	200	19213	20.112	ng/ul	0.00
73) Anthracene-d10	17.327	188	248876	35.212	ng/ul	-0.01
81) Pyrene-d10	19.627	212	349682	39.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	365007	36.868	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.680	128	37249	7.044	ng/ul	97
43) 1,1'-Biphenyl	13.316	154	8266	1.791	ng/ul	97
52) Acenaphthene	14.539	153	16507	3.886	ng/ul	97
56) Dibenzofuran	14.880	168	36214	6.142	ng/ul	98
61) Fluorene	15.527	166	28151	5.624	ng/ul	98
72) Phenanthrene	17.274	178	24501	3.110	ng/ul	96
77) Carbazole	17.657	167	103566	15.826	ng/ul	99

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

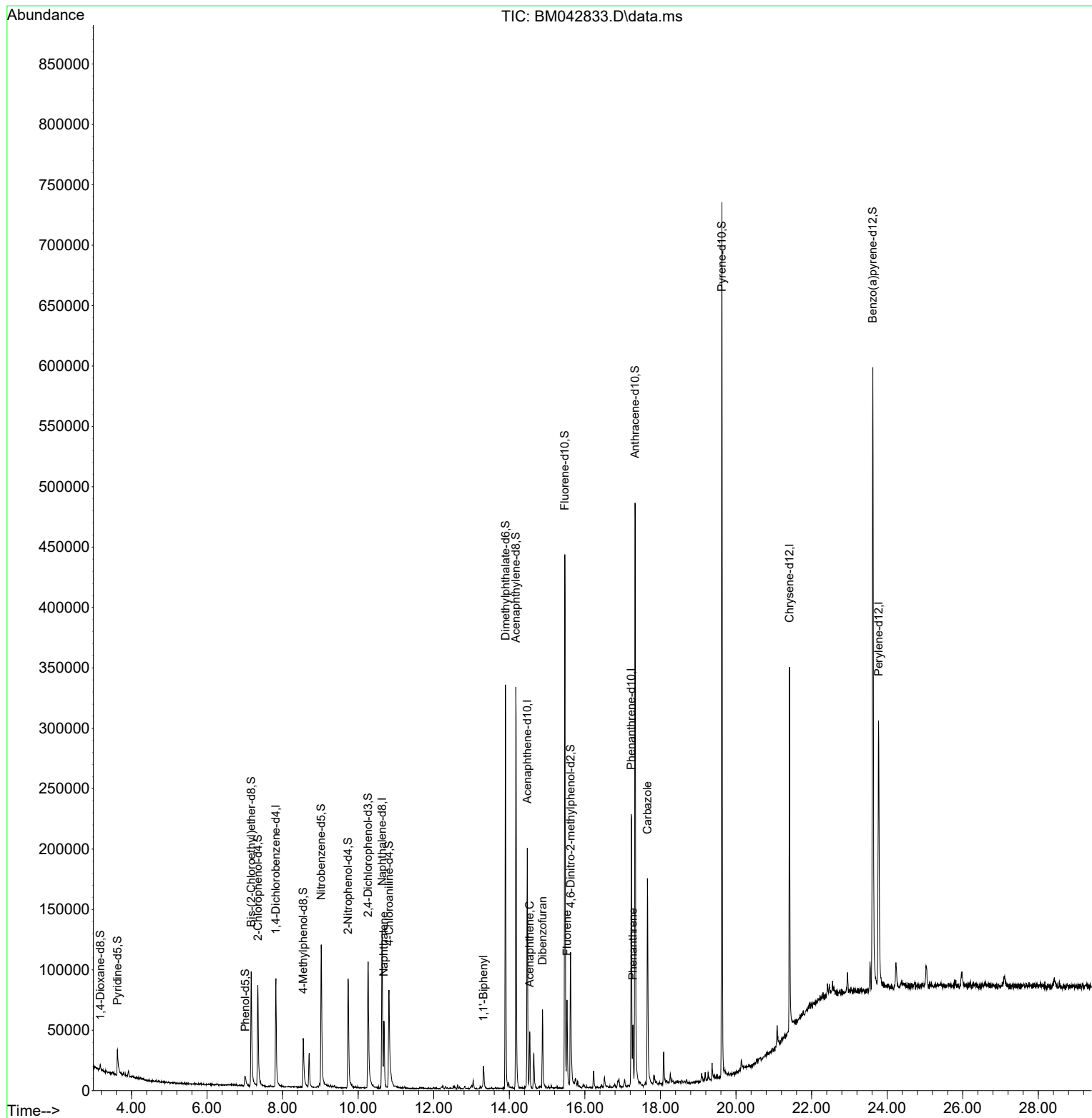
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042833.D
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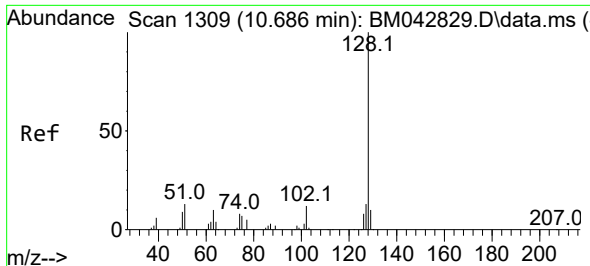
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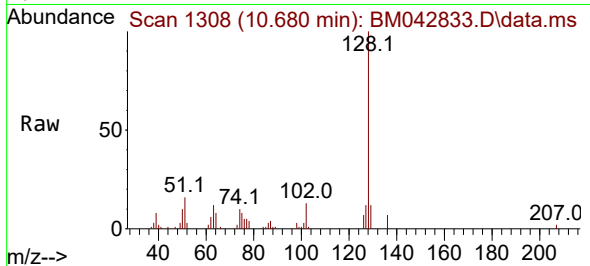
Quant Time: Nov 17 11:44:29 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
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#30
Naphthalene
Concen: 7.044 ng/ul
RT: 10.680 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BM042833.D
Acq: 17 Nov 2023 08:22

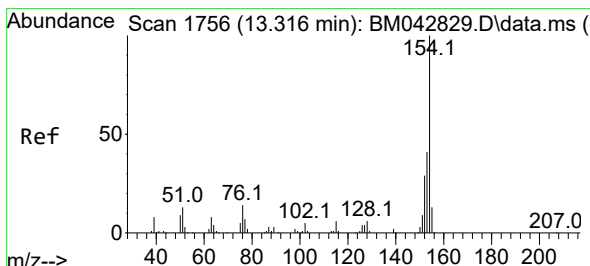
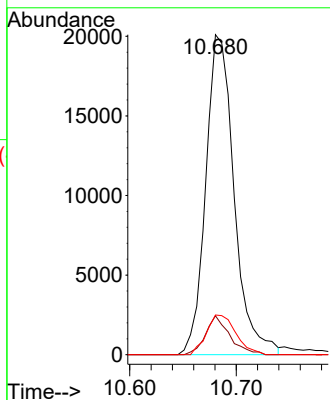
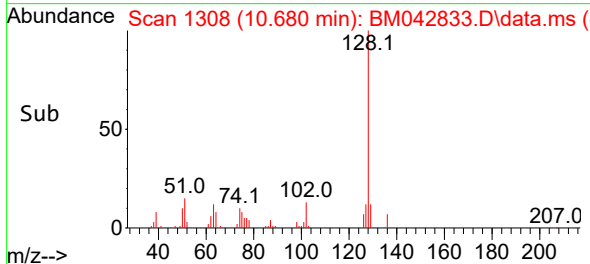
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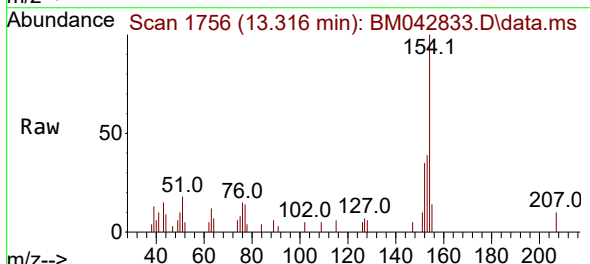
Tgt Ion:128 Resp: 37249
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 12.4 10.5 15.7

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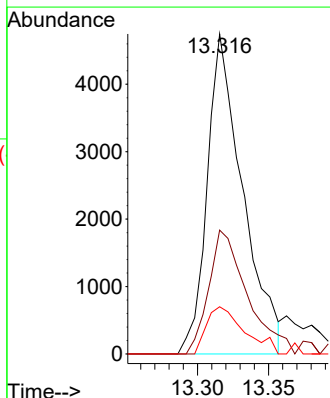
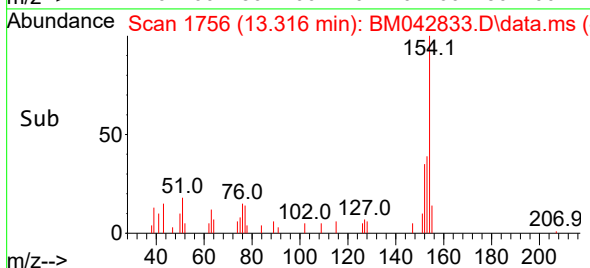
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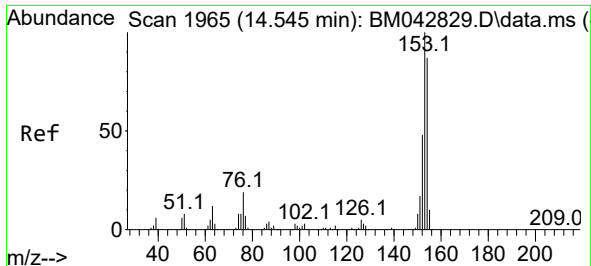


#43
1,1'-Biphenyl
Concen: 1.791 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM042833.D
Acq: 17 Nov 2023 08:22



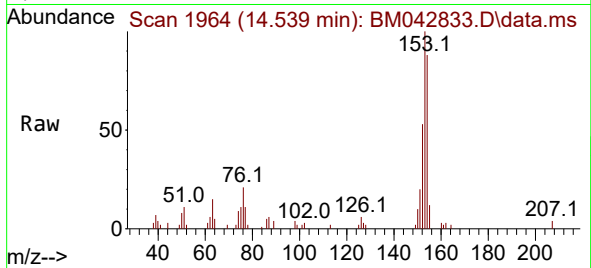
Tgt Ion:154 Resp: 8266
Ion Ratio Lower Upper
154 100
153 38.7 32.4 48.6
76 14.8 10.7 16.1





#52
Acenaphthene
Concen: 3.886 ng/u1
RT: 14.539 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BM042833.D
Acq: 17 Nov 2023 08:22

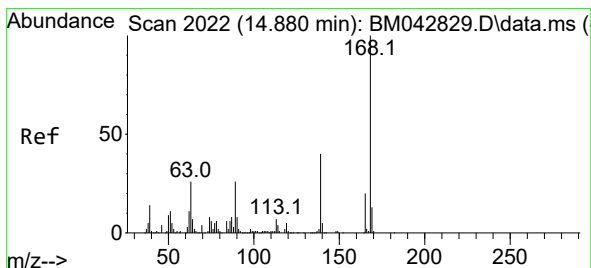
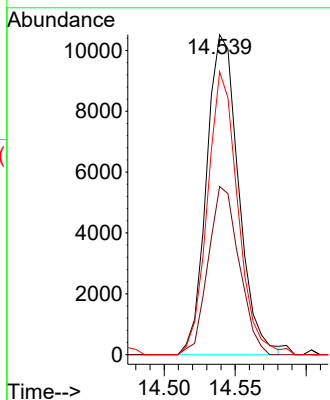
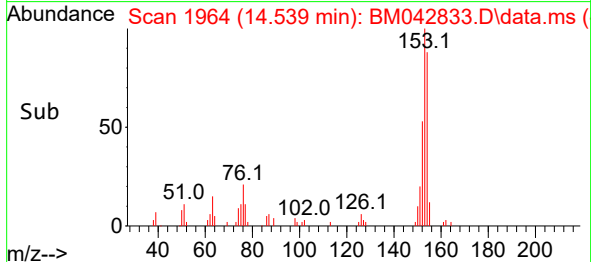
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Tgt Ion:153 Resp: 1650
Ion Ratio Lower Upper
153 100
152 52.5 38.2 57.2
154 88.4 71.3 106.9

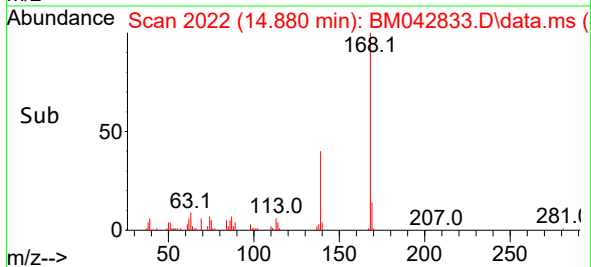
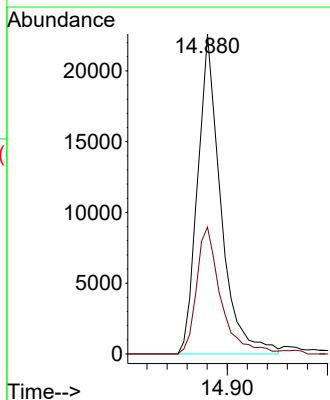
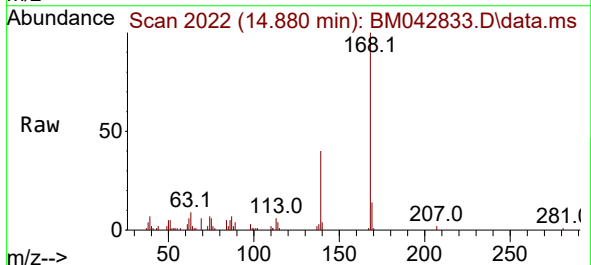
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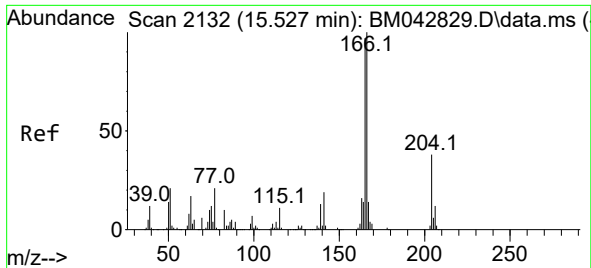
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#56
Dibenzofuran
Concen: 6.142 ng/u1
RT: 14.880 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM042833.D
Acq: 17 Nov 2023 08:22

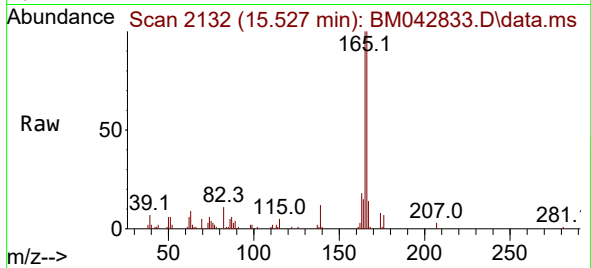
Tgt Ion:168 Resp: 36214
Ion Ratio Lower Upper
168 100
139 39.7 30.8 46.2





#61
Fluorene
Concen: 5.624 ng/ul
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM042833.D
Acq: 17 Nov 2023 08:22

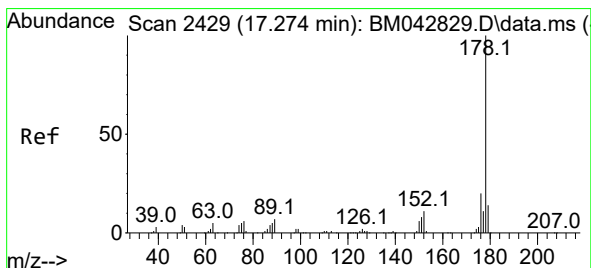
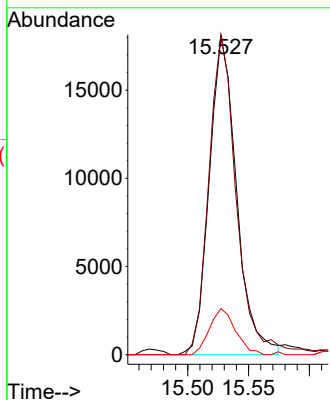
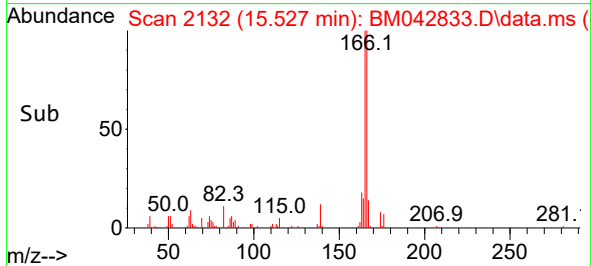
Instrument :
BNA_M
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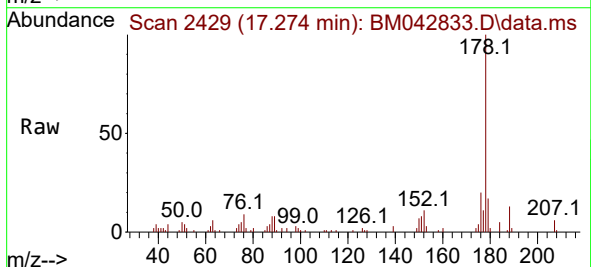
Tgt Ion:166 Resp: 2815
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 14.5 10.6 15.8

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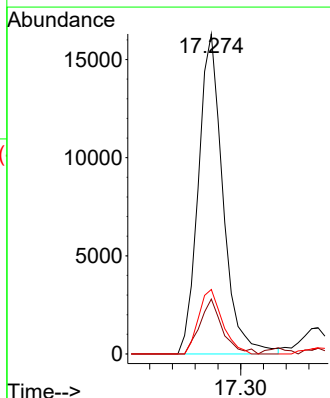
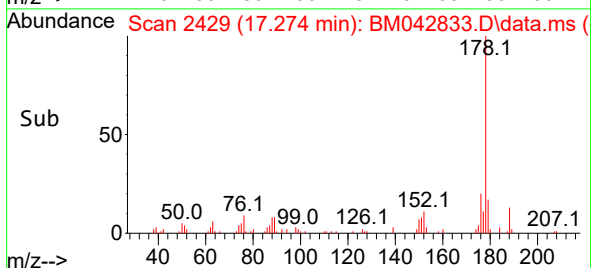
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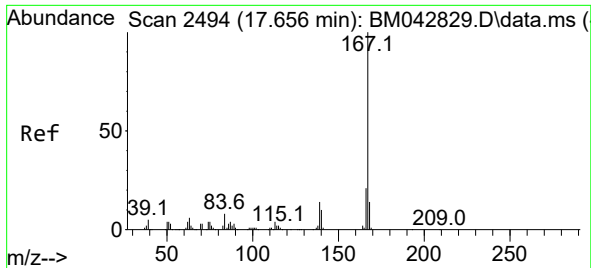


#72
Phenanthrene
Concen: 3.110 ng/ul
RT: 17.274 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM042833.D
Acq: 17 Nov 2023 08:22



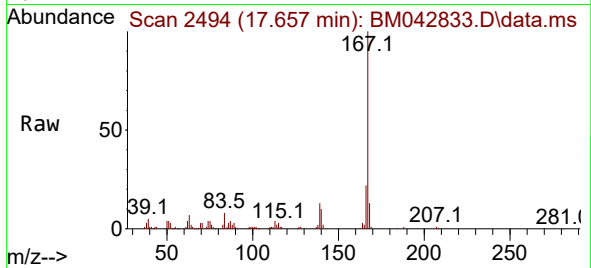
Tgt Ion:178 Resp: 24501
Ion Ratio Lower Upper
178 100
179 17.2 11.4 17.2
176 20.2 15.5 23.3





#77
 Carbazole
 Concen: 15.826 ng/ul
 RT: 17.657 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BM042833.D
 Acq: 17 Nov 2023 08:22

Instrument :
 BNA_M
 ClientSampleId :
 DCKE8



Tgt Ion:167 Resp: 103560
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.5 10.8 16.2

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