

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022199.D
 Acq On : 03 Oct 2024 17:52
 Operator : RC/JU
 Sample : P4017-03DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC42DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 04 02:37:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	108757	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	415517	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	325461	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.110	188	727729	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	768460	20.000	ng/u1	-0.01
88) Perylene-d12	24.810	264	961797	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	1180	0.425	ng/uL	0.00
4) Pyridine-d5	3.646	84	12775	1.610	ng/u1	0.01
7) Phenol-d5	6.887	99	20921	2.352	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	14280	2.607	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	14856	2.308	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	13648	1.936	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	6832	2.197	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.552	143	7808	2.214	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	17594	2.298	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	23212	2.540	ng/u1	-0.04
46) Dimethylphthalate-d6	13.716	166	60090	2.388	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	62235	2.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	8977	2.086	ng/u1	0.00
60) Fluorene-d10	15.316	176	53767	2.416	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	7481m	1.656	ng/u1	0.00
73) Anthracene-d10	17.210	188	82673	2.433	ng/u1	0.00
81) Pyrene-d10	19.580	212	98707	2.479	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.580	264	114940	2.272	ng/u1	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.504	128	99377	4.545	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	179740	11.062	ng/u1	99
37) 1-Methylnaphthalene	12.334	142	109425	6.678	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	656665	87.332	ng/u1	99
71) Pentachlorophenol	16.781	266	8374788	1182.902	ng/u1	98
72) Phenanthrene	17.157	178	78816	2.066	ng/u1#	94

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

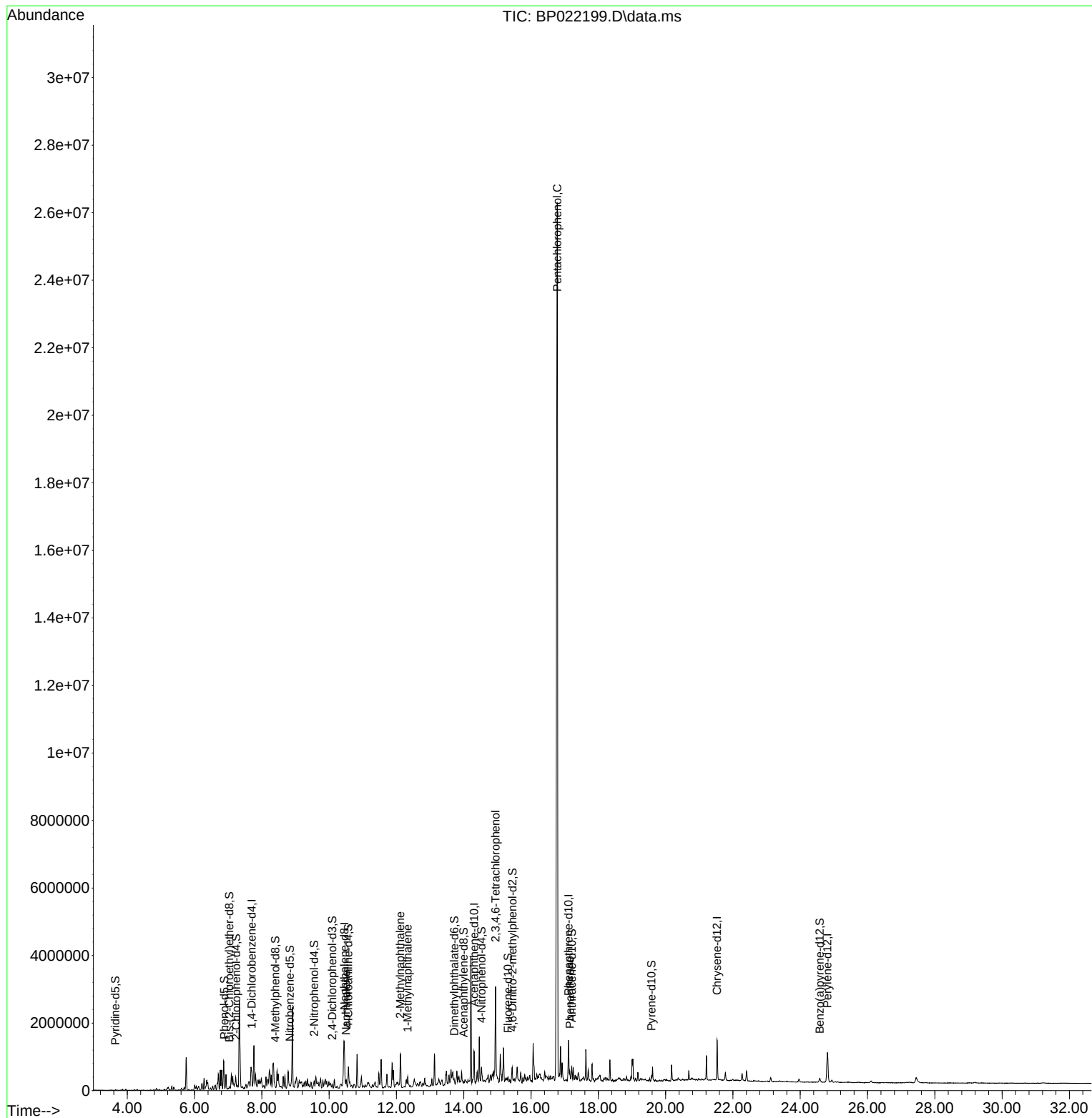
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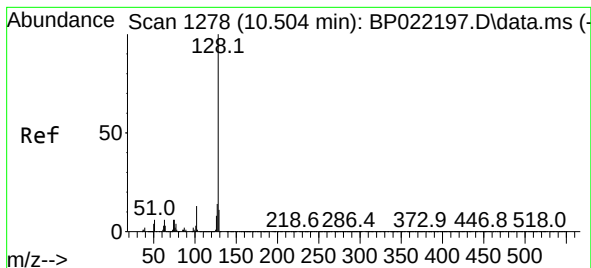
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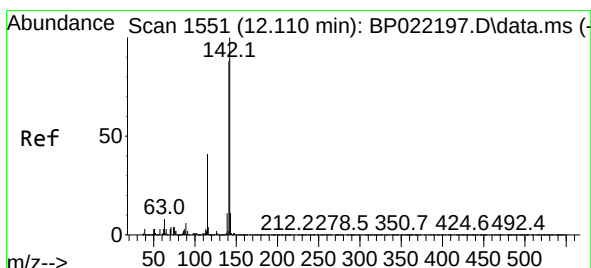
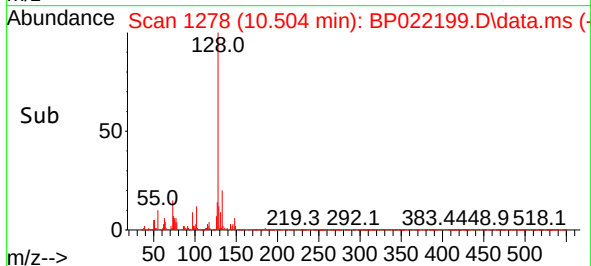
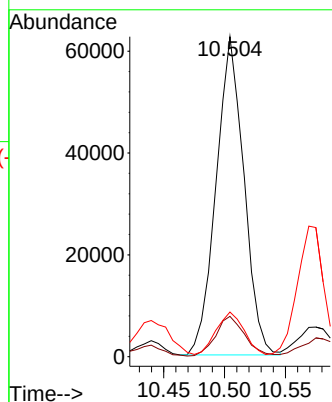
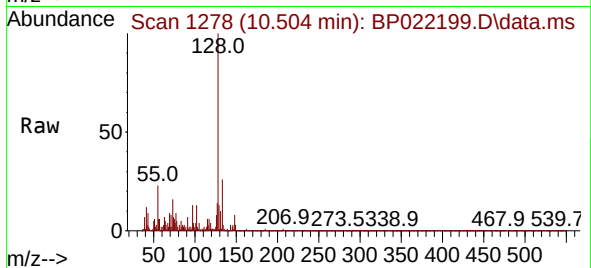
#30
Naphthalene
Concen: 4.545 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BP022199.D
Acq: 03 Oct 2024 17:52

Instrument :
BNA_P
ClientSampleId :
DDC42DL

Tgt Ion:128 Resp: 9937
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 14.0 10.9 16.3

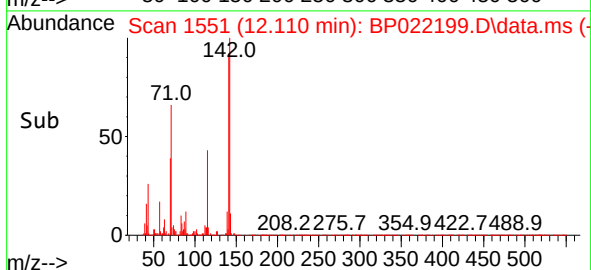
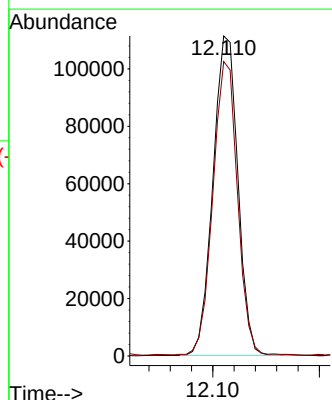
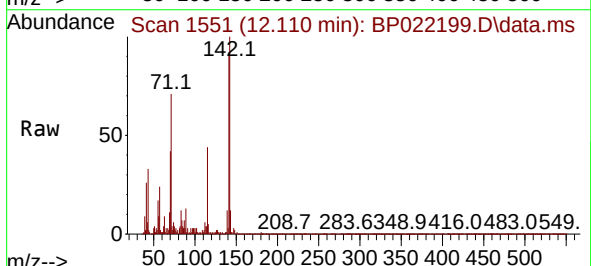
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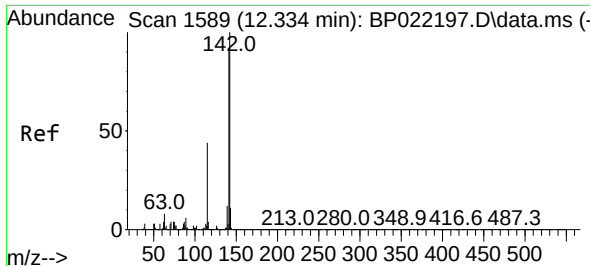
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#36
2-Methylnaphthalene
Concen: 11.062 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BP022199.D
Acq: 03 Oct 2024 17:52

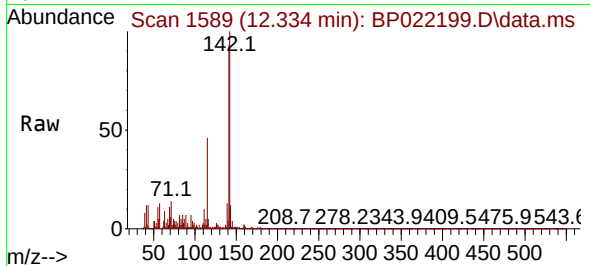
Tgt Ion:142 Resp: 179740
Ion Ratio Lower Upper
142 100
141 92.0 72.6 109.0





#37
1-Methylnaphthalene
Concen: 6.678 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP022199.D
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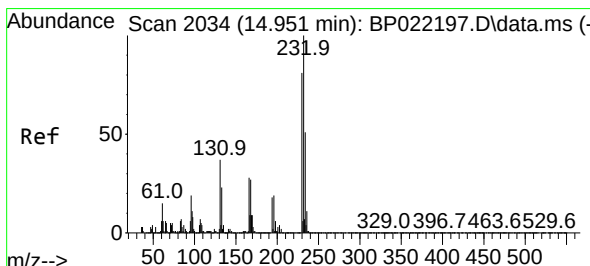
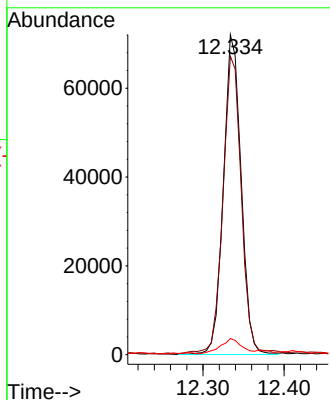
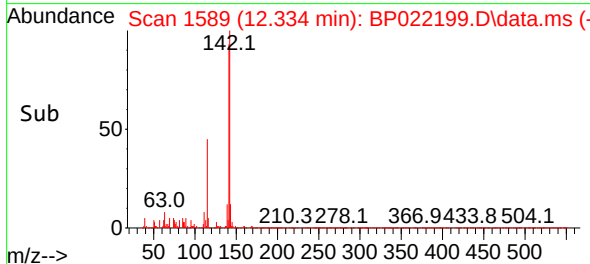
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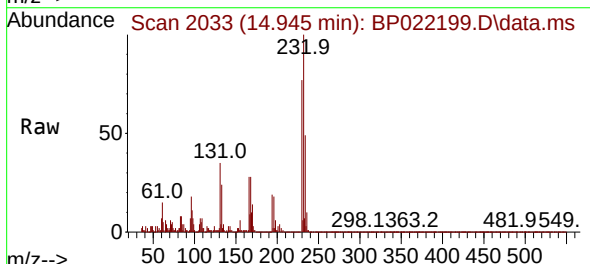
Tgt Ion:142 Resp: 109425
Ion Ratio Lower Upper
142 100
141 93.3 74.6 111.8
116 5.1 3.9 5.9

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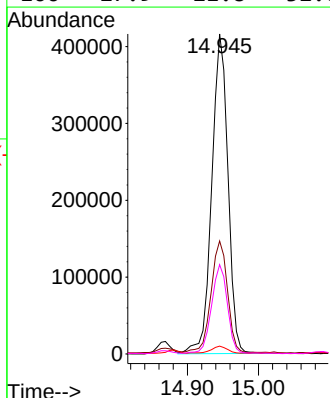
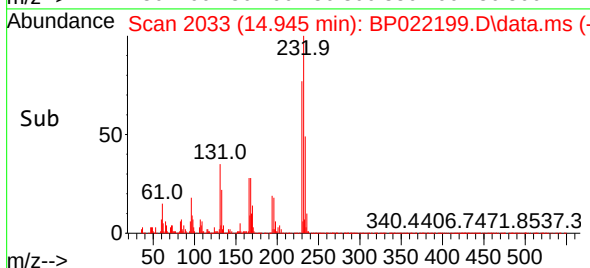
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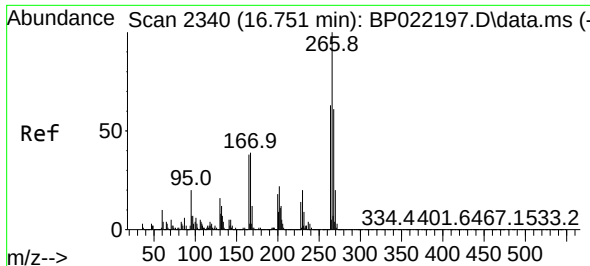


#58
2,3,4,6-Tetrachlorophenol
Concen: 87.332 ng/ul
RT: 14.945 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BP022199.D
Acq: 03 Oct 2024 17:52



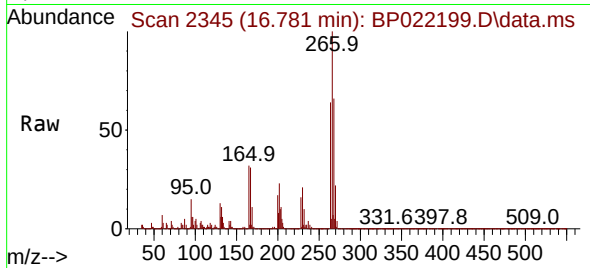
Tgt Ion:232 Resp: 656665
Ion Ratio Lower Upper
232 100
131 35.3 28.2 42.2
130 2.5 1.8 2.6
166 27.9 21.8 32.6





#71
Pentachlorophenol
Concen: 1182.902 ng/u1
RT: 16.781 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP022199.D
Acq: 03 Oct 2024 17:52

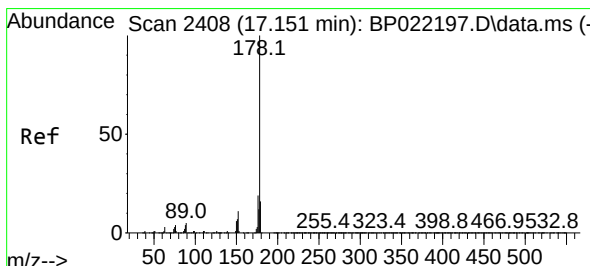
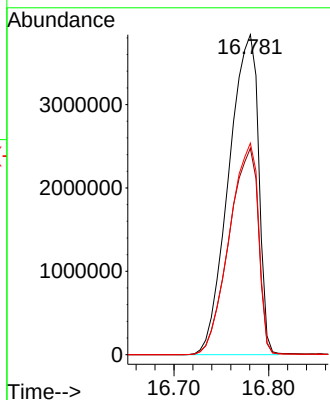
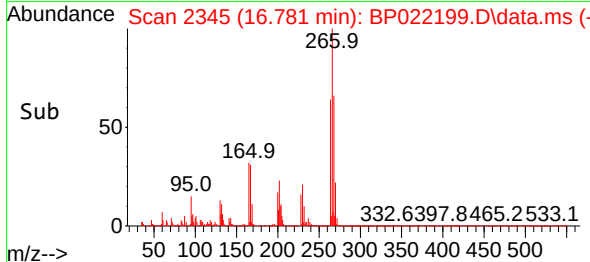
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:266 Resp: 8374788
Ion Ratio Lower Upper
266 100
264 64.5 50.2 75.4
268 66.1 51.4 77.0

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#72
Phenanthrene
Concen: 2.066 ng/u1
RT: 17.157 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP022199.D
Acq: 03 Oct 2024 17:52

Tgt Ion:178 Resp: 78816
Ion Ratio Lower Upper
178 100
179 20.4 12.4 18.6#
176 19.3 15.0 22.6

