

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022194.D
 Acq On : 03 Oct 2024 13:48
 Operator : RC/JU
 Sample : P4016-05DL2 30X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCVT6DL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 04 01:34:58 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	7.693	152	89594	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	343161	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.304	164	269683	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.104	188	637743	20.000	ng/u1	-0.01
79) Chrysene-d12	21.533	240	702059	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	834203	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	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.881	99	5240	0.715	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	3878	0.859	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	4733	0.893	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	3871	0.667	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	1833	0.714	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.557	143	2021	0.694	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	4664	0.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	5628m	0.746	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	18010	0.864	ng/u1	-0.01
49) Acenaphthylene-d8	13.993	160	18320	0.830	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.316	176	16633	0.902	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.216	188	28812	0.968	ng/u1	0.00
81) Pyrene-d10	19.586	212	33245	0.914	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	38660m	0.881	ng/u1	-0.01
Target Compounds						
36) 2-Methylnaphthalene	12.110	142	23449	1.748	ng/u1	94
37) 1-Methylnaphthalene	12.328	142	15484	1.144	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	14.945	232	28731	4.611	ng/u1	97
71) Pentachlorophenol	16.745	266	258976	41.741	ng/u1	98

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

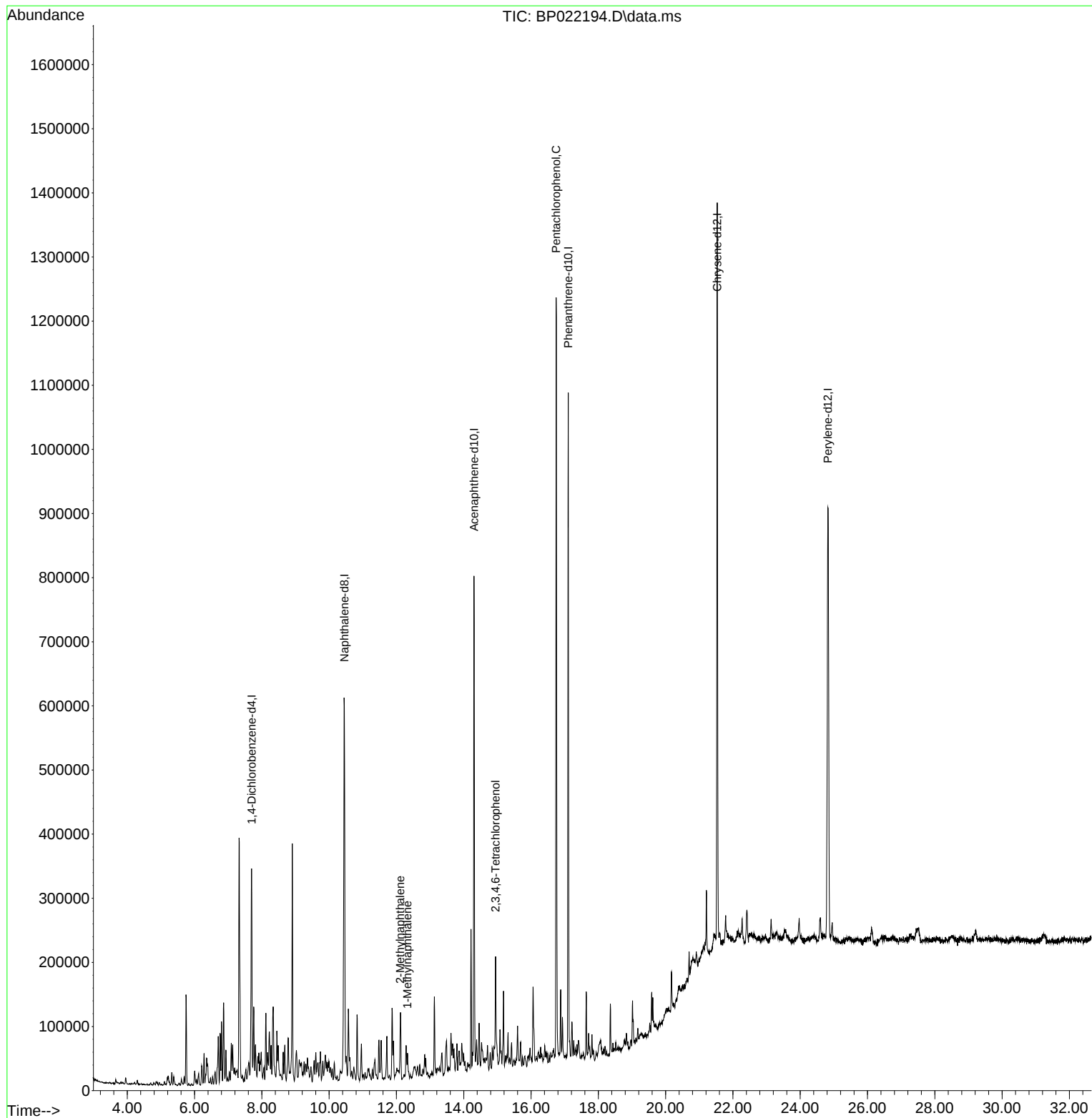
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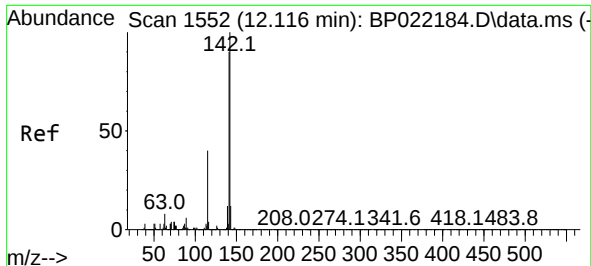
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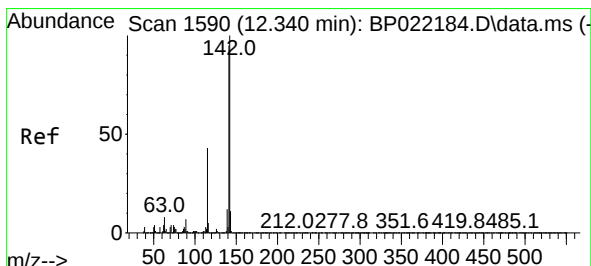
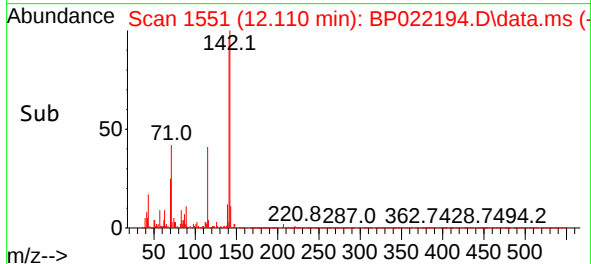
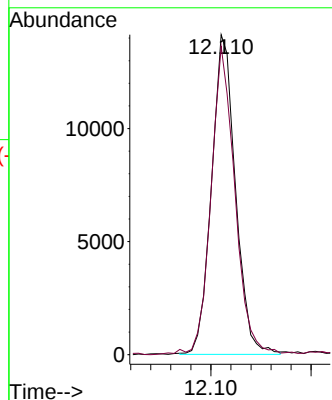
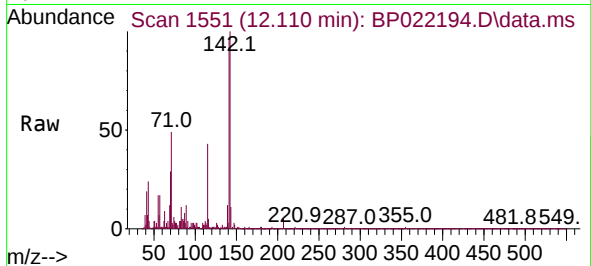
#36
2-Methylnaphthalene
Concen: 1.748 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BP022194.D
Acq: 03 Oct 2024 13:48

Instrument :
BNA_P
ClientSampleId :
DCVT6DL2

Tgt Ion:142 Resp: 23449
Ion Ratio Lower Upper
142 100
141 96.4 72.6 109.0

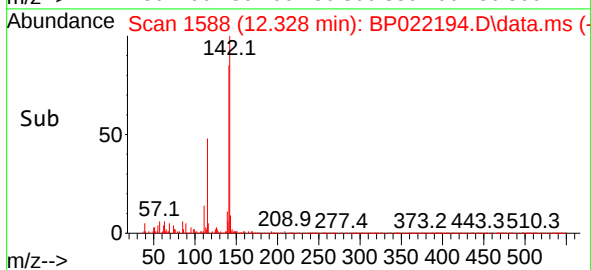
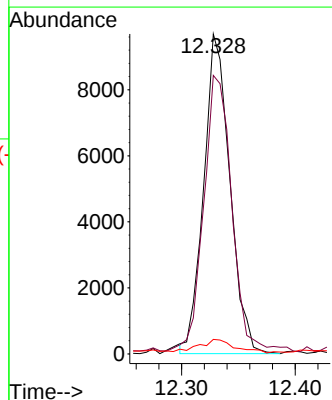
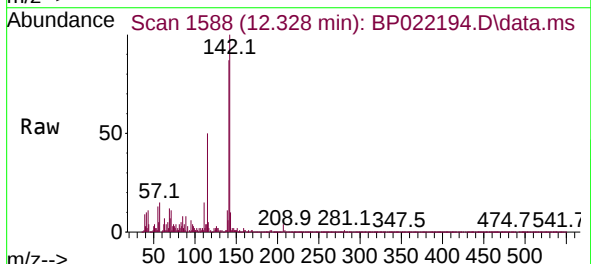
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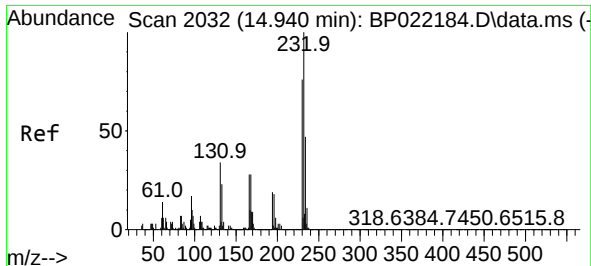
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#37
1-Methylnaphthalene
Concen: 1.144 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. -0.018 min
Lab File: BP022194.D
Acq: 03 Oct 2024 13:48

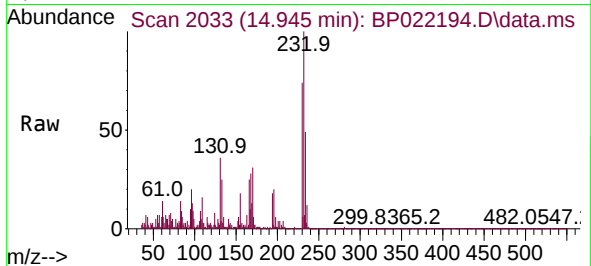
Tgt Ion:142 Resp: 15484
Ion Ratio Lower Upper
142 100
141 87.1 74.6 111.8
116 4.6 3.9 5.9





#58
2,3,4,6-Tetrachlorophenol
Concen: 4.611 ng/ul
RT: 14.945 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BP022194.D
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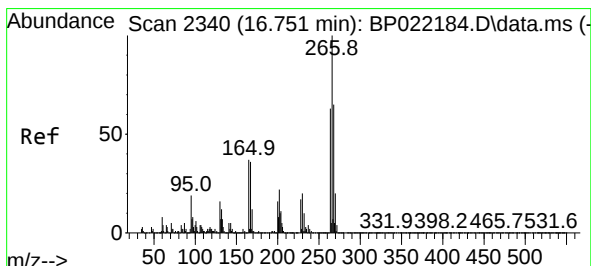
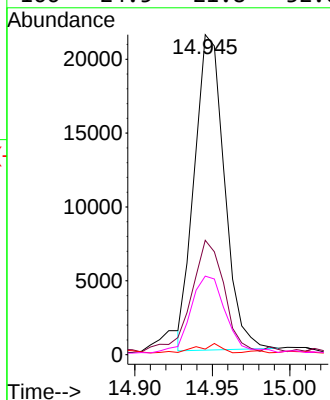
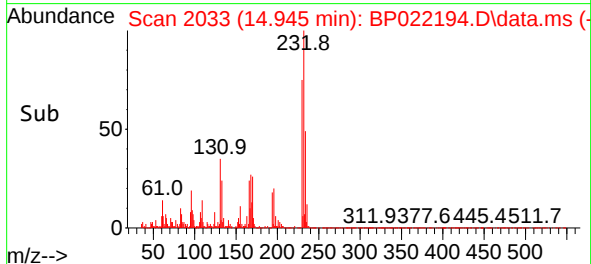
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Tgt Ion:232 Resp: 2873
Ion Ratio Lower Upper
232 100
131 35.7 28.2 42.2
130 1.8 1.8 2.6
166 24.5 21.8 32.6

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#71
Pentachlorophenol
Concen: 41.741 ng/ul
RT: 16.745 min Scan# 2339
Delta R.T. -0.012 min
Lab File: BP022194.D
Acq: 03 Oct 2024 13:48

Tgt Ion:266 Resp: 258976
Ion Ratio Lower Upper
266 100
264 61.3 50.2 75.4
268 63.1 51.4 77.0

