

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
 Data File : BP024026.D
 Acq On : 11 Feb 2025 00:36
 Operator : RC/JU
 Sample : Q1274-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCZT1

Manual Integrations
 APPROVED

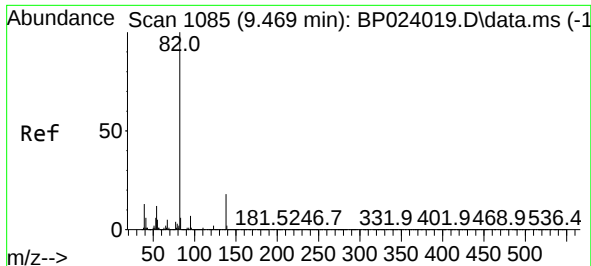
Reviewed By :Jagrut Upadhyay 02/12/2025
 Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 12 17:11:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

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

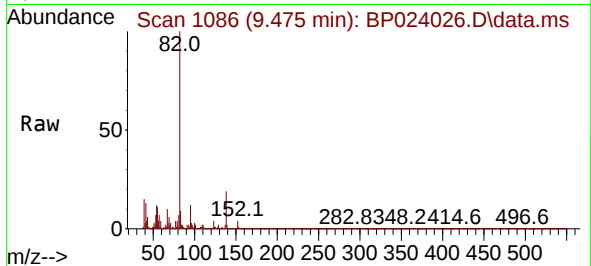
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	527269	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.540	136	2247326	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	1368632	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	2709191	20.000	ng/u1	-0.01
79) Chrysene-d12	21.604	240	2702146	20.000	ng/u1	-0.04
88) Perylene-d12	24.957	264	2922478	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	44514	3.508	ng/uL	0.00
4) Pyridine-d5	3.705	84	626774	17.116	ng/u1	0.00
7) Phenol-d5	6.958	99	255167	5.468	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	531523	21.520	ng/u1	0.00
11) 2-Chlorophenol-d4	7.311	132	29798	0.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	513365	13.468	ng/u1	0.00
21) Nitrobenzene-d5	8.905	128	397176	22.090	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	29604m	1.526	ng/u1	0.06
28) 2,4-Dichlorophenol-d3	10.175	165	11209	0.315	ng/u1	0.00
31) 4-Chloroaniline-d4	10.669	131	1162980	21.850	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	2229435	21.839	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	2766696	24.029	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.610	143	68667	3.387	ng/u1	0.00
60) Fluorene-d10	15.393	176	2080366	24.199	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	4004	0.240	ng/u1	-0.01
73) Anthracene-d10	17.269	188	3246895	24.409	ng/u1	-0.02
81) Pyrene-d10	19.639	212	3605143	24.900	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.727	264	3638884	23.864	ng/u1	-0.05
Target Compounds						
					Qvalue	
23) Isophorone	9.475	82	464604	5.897	ng/u1#	94
36) 2-Methylnaphthalene	12.193	142	311964	3.688	ng/u1	100
37) 1-Methylnaphthalene	12.410	142	228852	2.727	ng/u1#	98
71) Pentachlorophenol	16.828	266	915047	40.169	ng/u1	100
72) Phenanthrene	17.216	178	629626	4.115	ng/u1#	94
86) Bis(2-ethylhexyl)phtha...	21.522	149	258683	2.361	ng/u1#	92

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



#23
Isophorone
Concen: 5.897 ng/ul
RT: 9.475 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BP024026.D
Acq: 11 Feb 2025 00:36

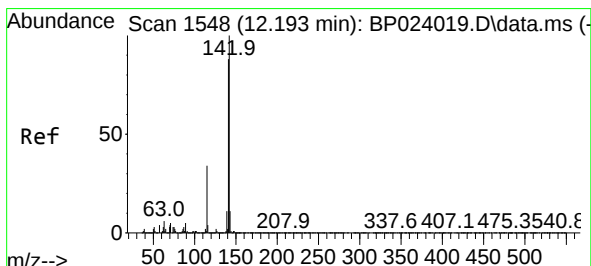
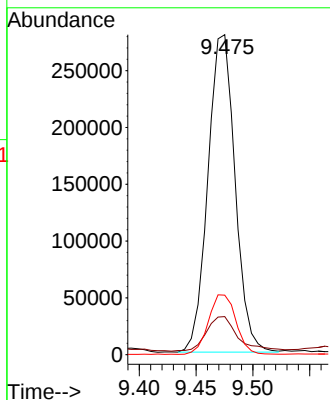
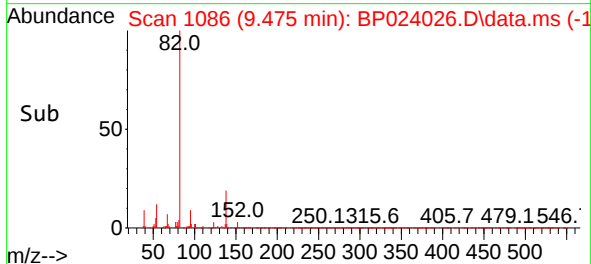
Instrument :
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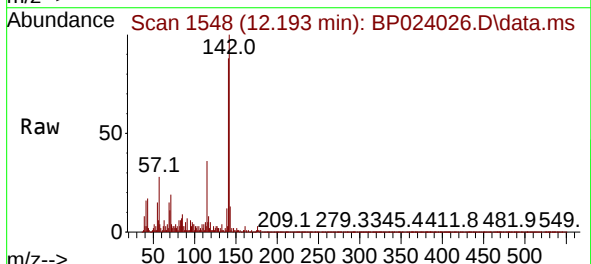
Tgt Ion: 82 Resp: 464604
Ion Ratio Lower Upper
82 100
95 11.9 5.5 8.3
138 18.6 15.8 23.6

Manual Integrations
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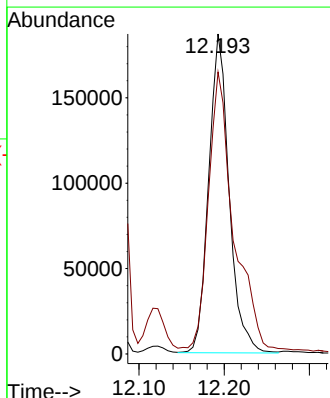
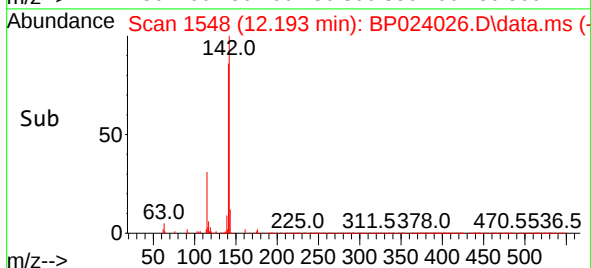
Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025

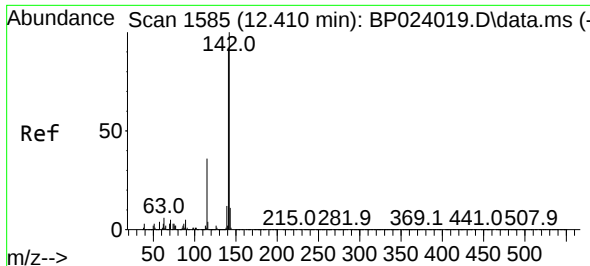


#36
2-Methylnaphthalene
Concen: 3.688 ng/ul
RT: 12.193 min Scan# 1548
Delta R.T. -0.012 min
Lab File: BP024026.D
Acq: 11 Feb 2025 00:36



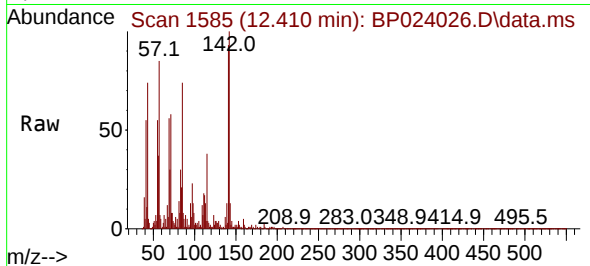
Tgt Ion:142 Resp: 311964
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2





#37
1-Methylnaphthalene
Concen: 2.727 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BP024026.D
Acq: 11 Feb 2025 00:36

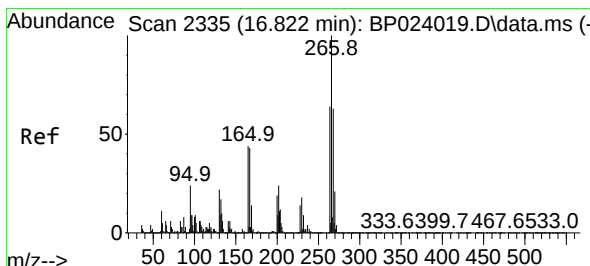
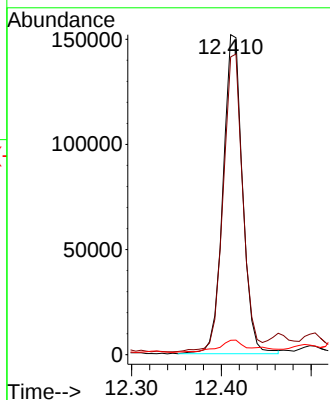
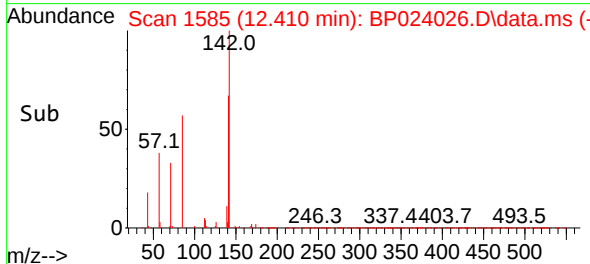
Instrument :
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ClientSampleId :
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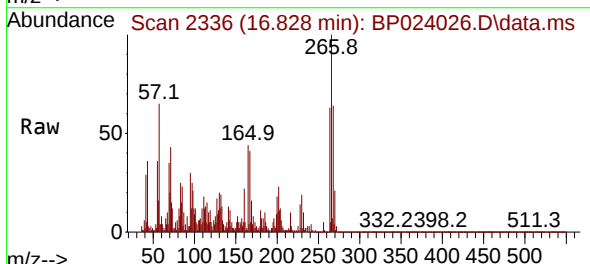
Tgt Ion:142 Resp: 22885
Ion Ratio Lower Upper
142 100
141 93.1 72.8 109.2
116 4.5 2.9 4.3

Manual Integrations
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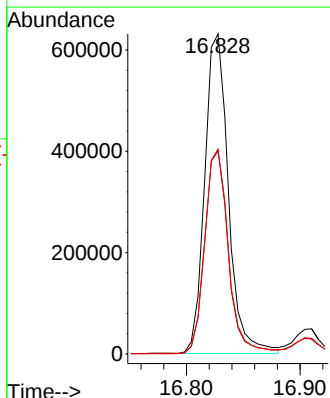
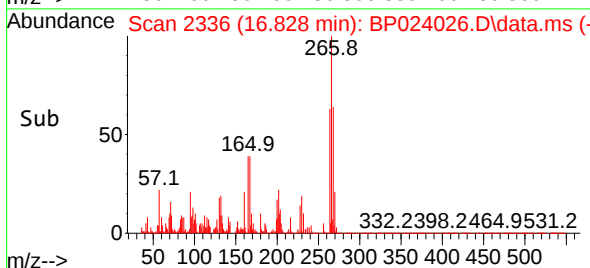
Reviewed By :Jagrut Upadhyay 02/12/2025
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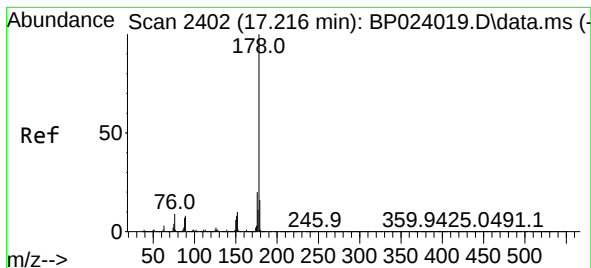


#71
Pentachlorophenol
Concen: 40.169 ng/ul
RT: 16.828 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BP024026.D
Acq: 11 Feb 2025 00:36



Tgt Ion:266 Resp: 915047
Ion Ratio Lower Upper
266 100
264 63.4 50.8 76.2
268 64.0 51.1 76.7





#72

Phenanthrene

Concen: 4.115 ng/ul

RT: 17.216 min Scan# 2402

Delta R.T. -0.012 min

Lab File: BP024026.D

Acq: 11 Feb 2025 00:36

Instrument :

BNA_P

ClientSampleId :

DCZT1

Tgt Ion:178 Resp: 629620

Ion Ratio Lower Upper

178 100

179 20.1 12.2 18.4

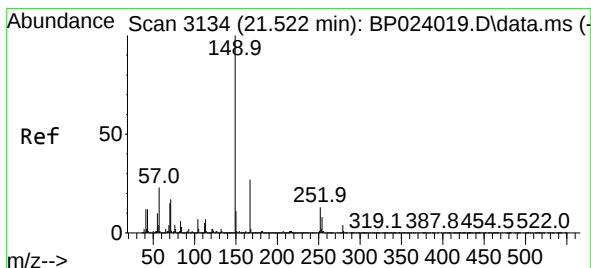
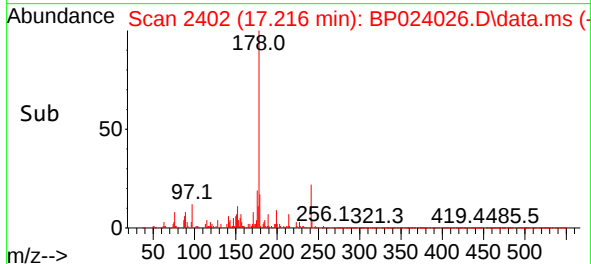
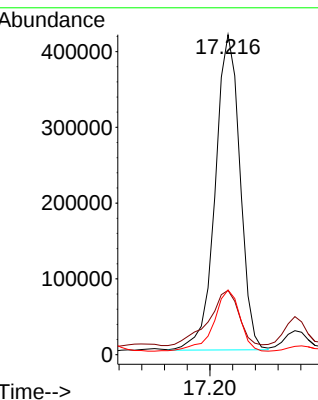
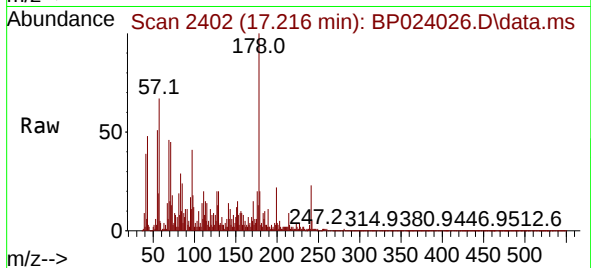
176 20.2 15.6 23.4

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.361 ng/ul

RT: 21.522 min Scan# 3134

Delta R.T. -0.041 min

Lab File: BP024026.D

Acq: 11 Feb 2025 00:36

Tgt Ion:149 Resp: 258683

Ion Ratio Lower Upper

149 100

167 32.7 22.6 33.8

279 6.2 3.8 5.6

