

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020840.D
 Acq On : 08 Jul 2024 20:52
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020677

Quant Time: Jul 08 23:04:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	169126	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.498	136	713176	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	491108	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1058334	20.000	ng/u1	0.01
79) Chrysene-d12	21.621	240	1043428	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1206509	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	27616	7.012	ng/uL	-0.01
4) Pyridine-d5	3.675	84	197437	17.200	ng/u1	0.00
7) Phenol-d5	6.922	99	246966	17.804	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	150042	17.062	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	208575	18.398	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	206699	18.347	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	101956	19.364	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	116521	22.114	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	214813	19.792	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	288366	18.958	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	643769	18.853	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	729792	17.911	ng/u1	0.01
54) 4-Nitrophenol-d4	14.598	143	106349	20.384	ng/u1	0.02
60) Fluorene-d10	15.369	176	543200	18.905	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	107398	20.137	ng/u1	0.01
73) Anthracene-d10	17.275	188	869318	18.302	ng/u1	0.01
81) Pyrene-d10	19.651	212	1022557	16.313	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	1056796	18.007	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	31660	7.183	ng/uL	97
5) Pyridine	3.693	79	200643	16.875	ng/u1	97
6) Benzaldehyde	6.893	77	156943	22.373	ng/u1	98
8) Phenol	6.946	94	251236	17.761	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.163	93	207140	17.687	ng/u1	96
12) 2-Chlorophenol	7.305	128	206846	18.150	ng/u1	97
13) 2-Methylphenol	8.175	108	197072	18.158	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	296706	16.671	ng/u1	100
16) Acetophenone	8.540	105	321095	17.847	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	162284	16.969	ng/u1	98
18) 4-Methylphenol	8.499	108	211904	18.445	ng/u1	99
19) Hexachloroethane	8.787	117	89777	18.146	ng/u1	92
22) Nitrobenzene	8.916	77	242249	17.748	ng/u1	98
23) Isophorone	9.440	82	472254	17.462	ng/u1	98
25) 2-Nitrophenol	9.616	139	120108	21.107	ng/u1	97
26) 2,4-Dimethylphenol	9.687	107	239078	18.039	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.904	93	284331	17.672	ng/u1	98
29) 2,4-Dichlorophenol	10.157	162	206925	19.261	ng/u1	97
30) Naphthalene	10.546	128	677455	17.747	ng/u1	99
32) 4-Chloroaniline	10.663	127	272147	18.583	ng/u1	100
33) Hexachlorobutadiene	10.816	225	148395	18.476	ng/u1	99
34) Caprolactam	11.457	113	67604	20.679	ng/u1	89
35) 4-Chloro-3-methylphenol	11.798	107	228734	19.284	ng/u1	96
36) 2-Methylnaphthalene	12.157	142	468931	18.339	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	479854	18.357	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	279940	17.829	ng/ul	98
40) Hexachlorocyclopentadiene	12.492	237	123799	12.667	ng/ul	99
41) 2,4,6-Trichlorophenol	12.781	196	177163	18.914	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	185781	19.124	ng/ul	96
43) 1,1'-Biphenyl	13.181	154	623619	16.979	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	498780	17.242	ng/ul	99
45) 2-Nitroaniline	13.445	65	143219	19.656	ng/ul	91
47) Dimethylphthalate	13.810	163	649162	18.663	ng/ul	99
48) 2,6-Dinitrotoluene	13.934	165	131828	21.255	ng/ul	95
50) Acenaphthylene	14.081	152	815006	17.708	ng/ul	100
51) 3-Nitroaniline	14.269	138	129095	22.395	ng/ul	97
52) Acenaphthene	14.428	153	540239	17.695	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	62883	19.546	ng/ul	98
55) 4-Nitrophenol	14.610	109	86565	18.541	ng/ul	94
56) Dibenzofuran	14.763	168	750538	18.243	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	193261	22.574	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.992	232	166199	20.713	ng/ul	94
59) Diethylphthalate	15.204	149	657940	19.176	ng/ul	99
61) Fluorene	15.428	166	616620	18.654	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	323268	18.741	ng/ul	99
63) 4-Nitroaniline	15.463	138	142597m	26.065	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.522	198	118637	20.765	ng/ul	95
67) N-Nitrosodiphenylamine	15.651	169	531878	17.041	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	208747	17.683	ng/ul	97
69) Hexachlorobenzene	16.451	284	243676	18.440	ng/ul	91
70) Atrazine	16.633	200	208755	18.972	ng/ul	100
71) Pentachlorophenol	16.816	266	138440	18.197	ng/ul	96
72) Phenanthrene	17.216	178	997926	18.007	ng/ul	99
74) Anthracene	17.310	178	1026342	18.004	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	273636	15.928	ng/uL	98
76) Pentachlorobenzene	14.681	250	275241	16.810	ng/uL	100
77) Carbazole	17.604	167	916105	19.472	ng/ul	99
78) Di-n-butylphthalate	18.180	149	1169031	19.131	ng/ul	99
80) Fluoranthene	19.310	202	1236966	16.155	ng/ul	99
82) Pyrene	19.686	202	1268848	16.158	ng/ul	98
83) Butylbenzylphthalate	20.633	149	546063	18.727	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	443086	19.206	ng/ul	98
85) Benzo(a)anthracene	21.604	228	1294069	17.694	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	801315	17.699	ng/ul	99
87) Chrysene	21.674	228	1202014	17.388	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	1408678	18.187	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	1298761	17.769	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	1284998	17.380	ng/ul	99
93) Benzo(a)pyrene	24.809	252	1220730	17.692	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	1510531m	17.068	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	1257216m	17.284	ng/ul	
96) Benzo(g,h,i)perylene	29.956	276	1224543	16.947	ng/ul	97

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

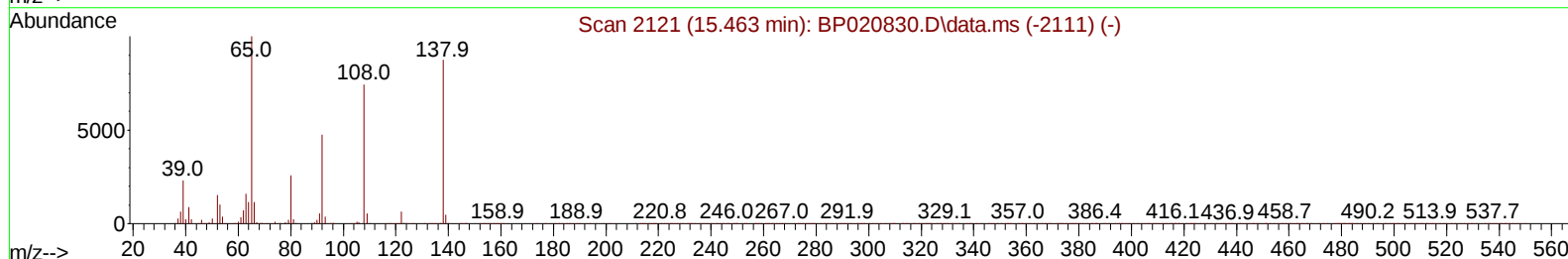
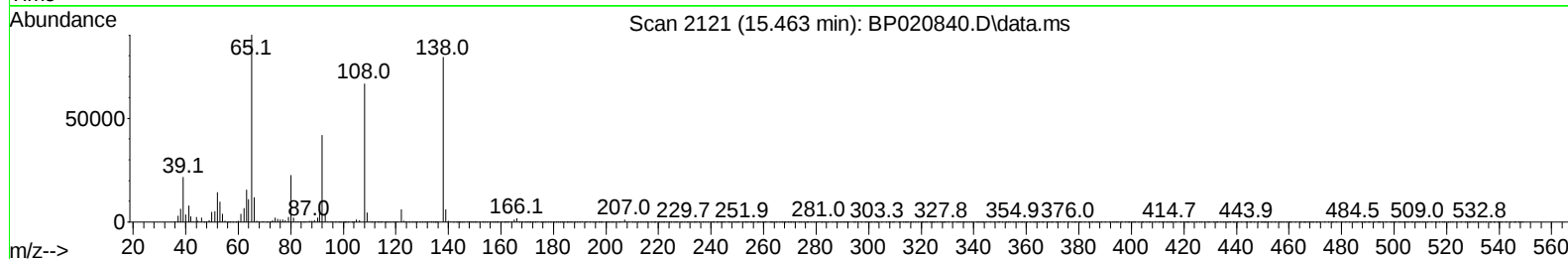
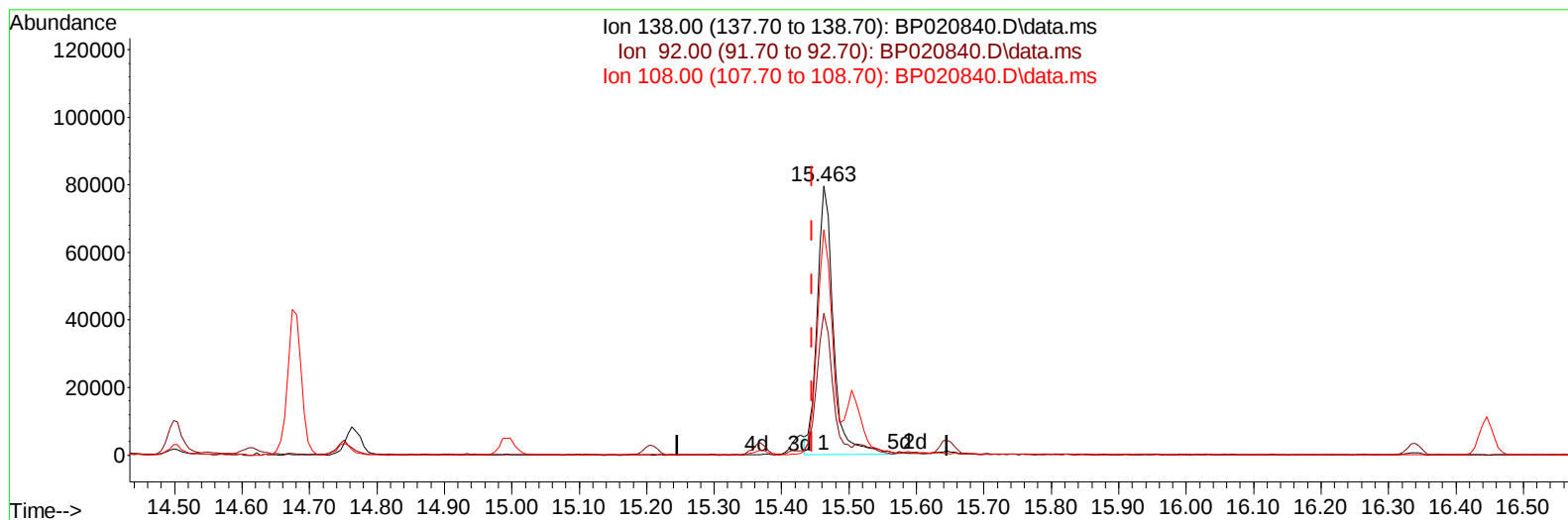
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TIC: BP020840.D\data.ms

(63) 4-Nitroaniline

15.463min (+ 0.018) 24.21 ng/ul

response 132476

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	52.64
108.00	91.40	83.74
0.00	0.00	0.00

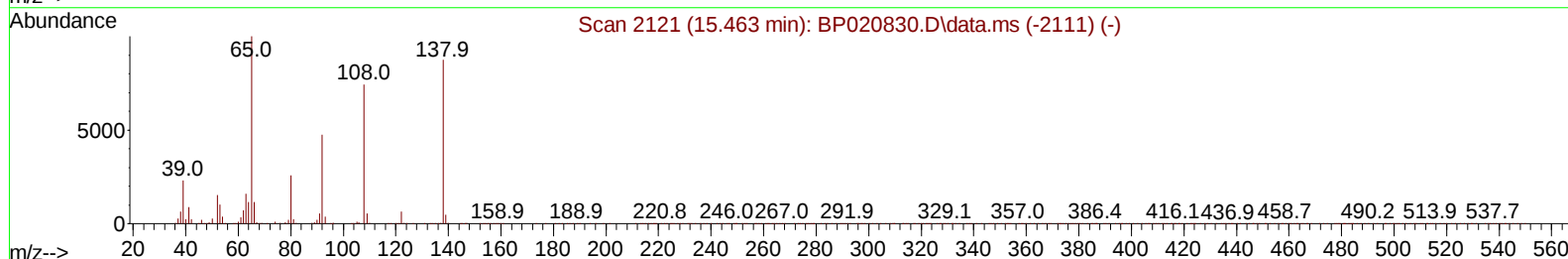
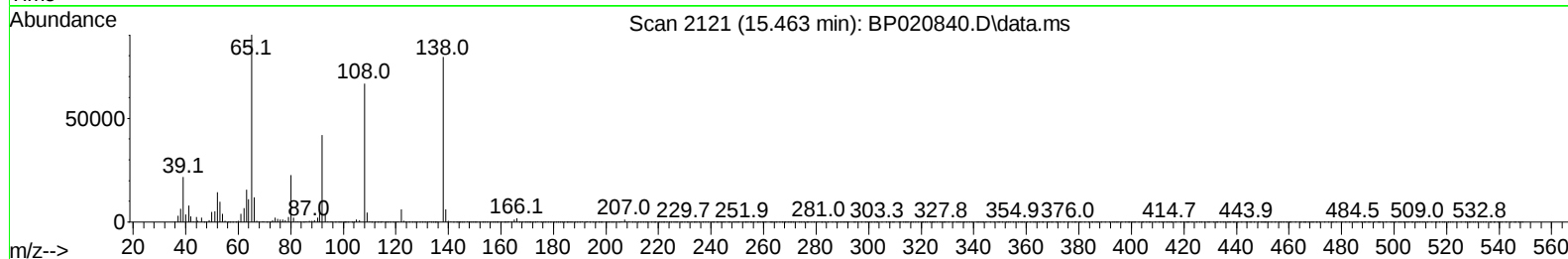
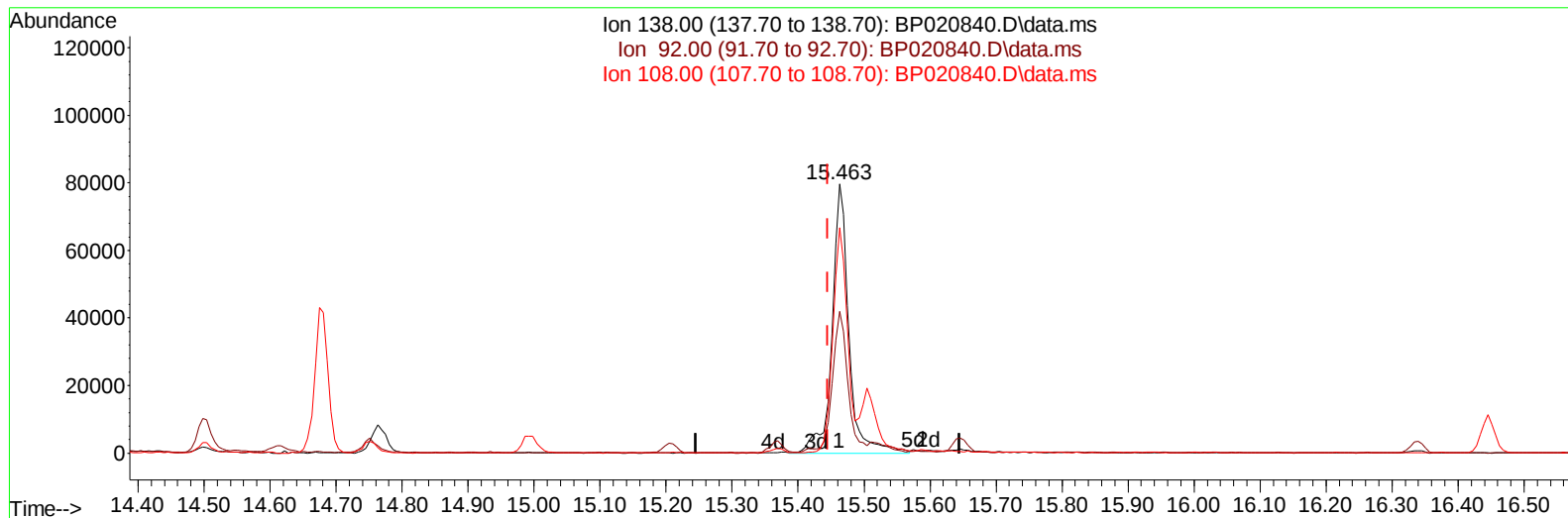
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(63) 4-Nitroaniline

15.463min (+ 0.018) 26.06 ng/ul m

response 142597

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	52.64
108.00	91.40	83.74
0.00	0.00	0.00

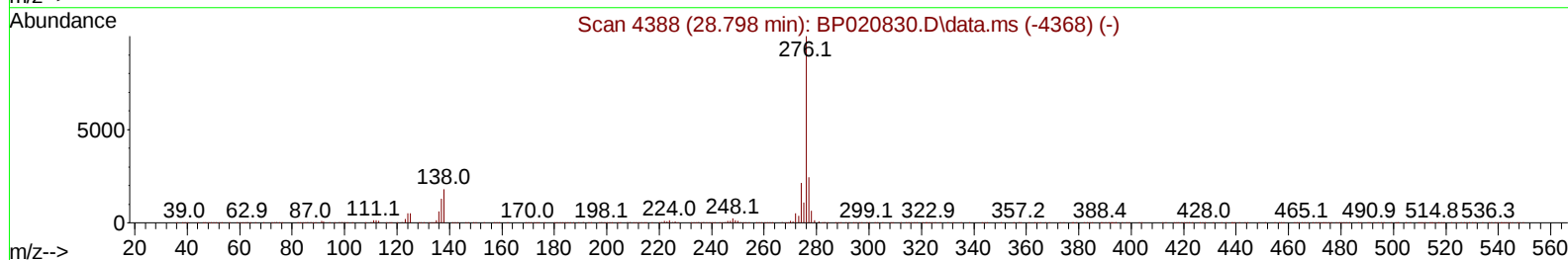
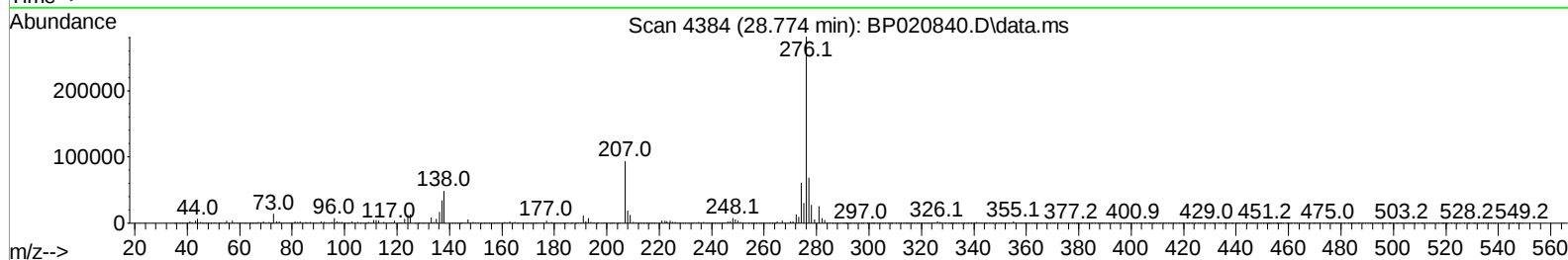
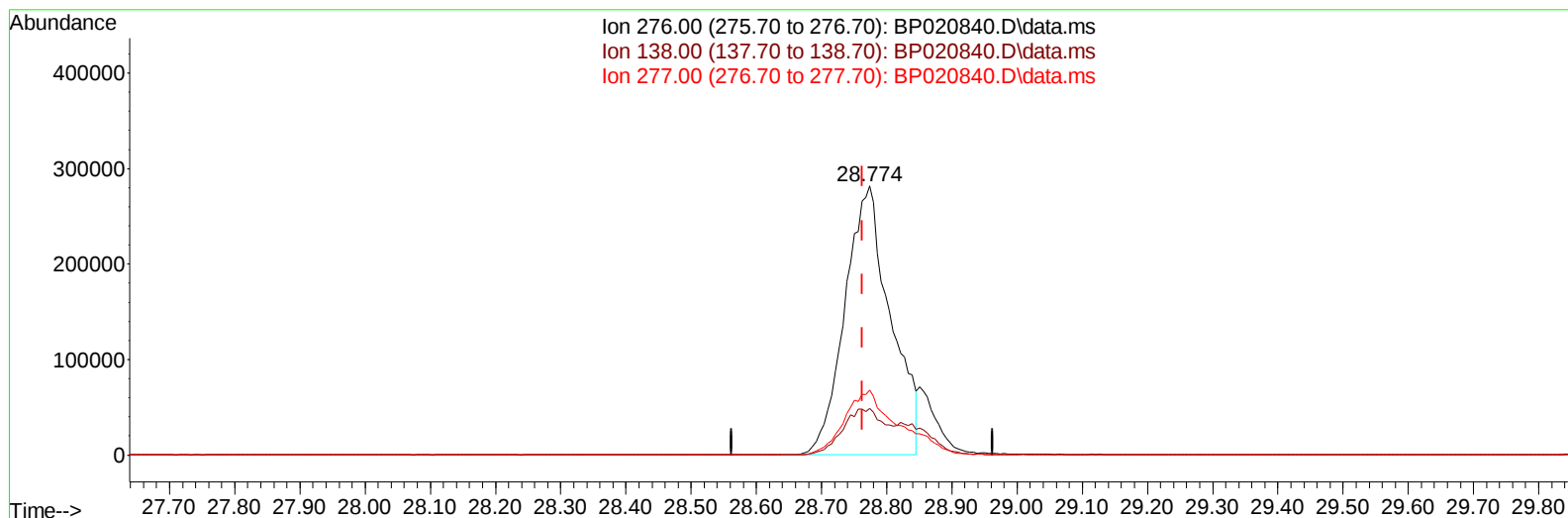
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(94) Indeno(1,2,3-cd)pyrene

28.774min (+ 0.012) 15.41 ng/u1

response 1363888

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	17.31
277.00	23.70	24.26
0.00	0.00	0.00

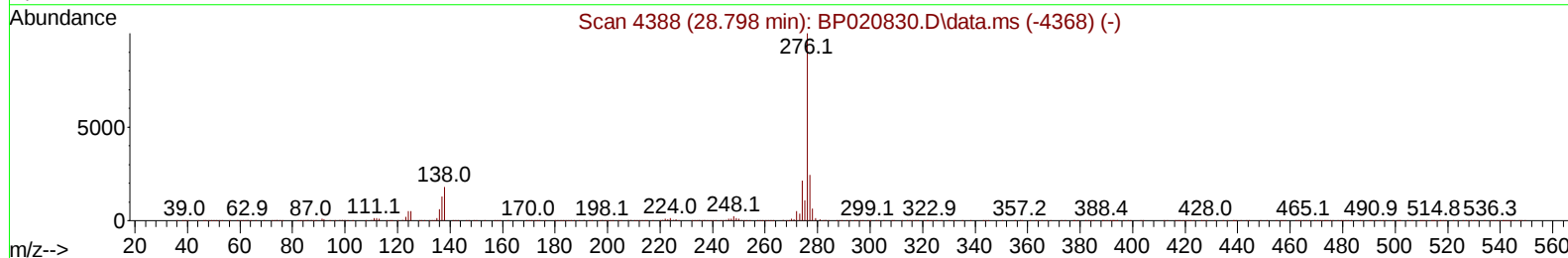
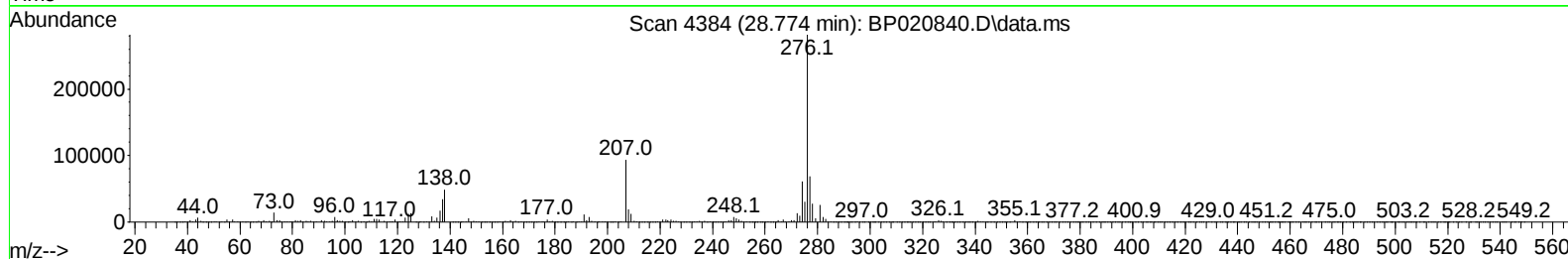
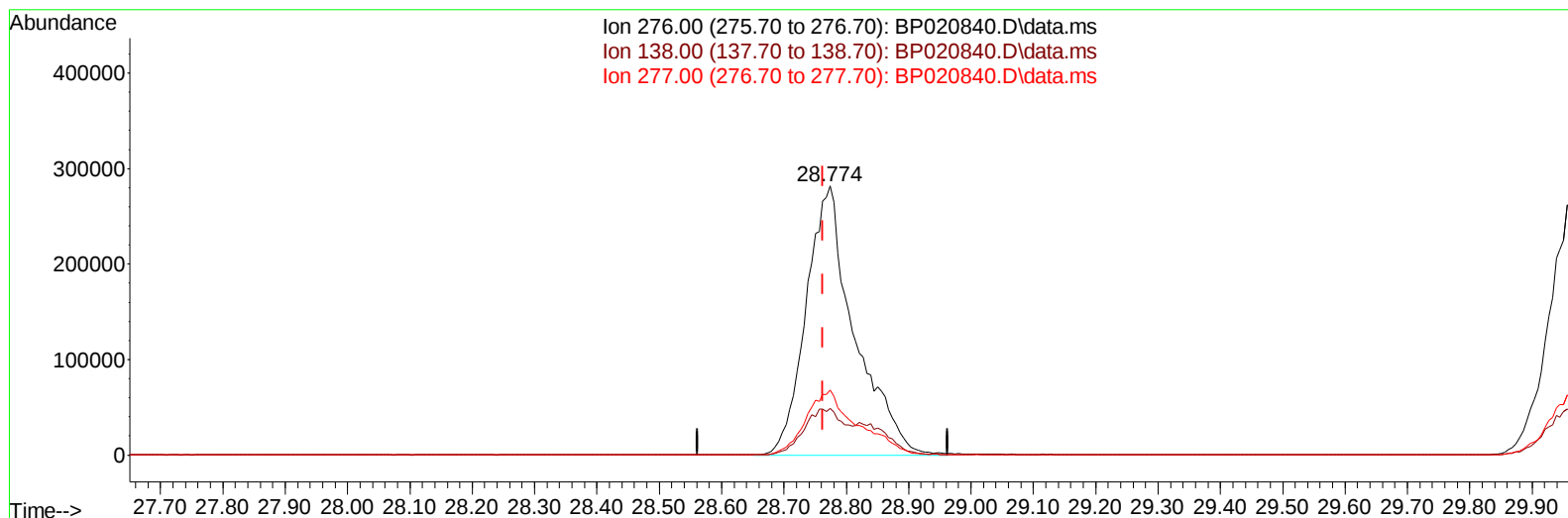
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TIC: BP020840.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.774min (+ 0.012) 17.07 ng/ul m

response 1510531

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	17.31
277.00	23.70	24.26
0.00	0.00	0.00

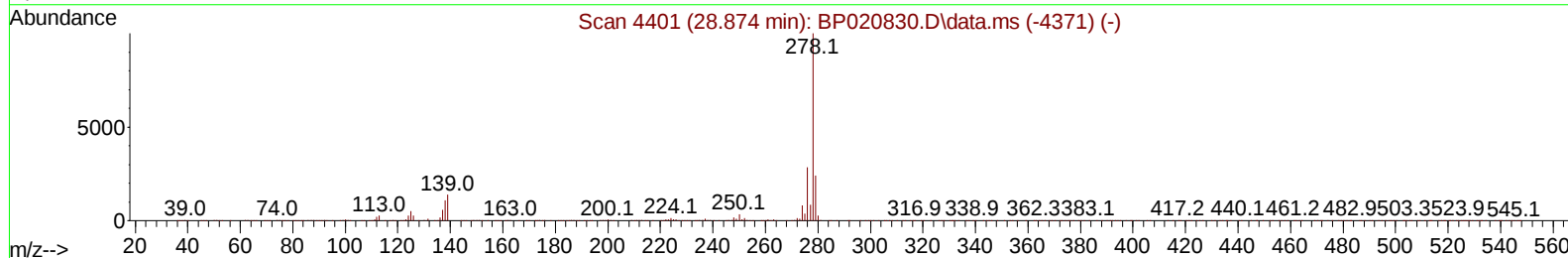
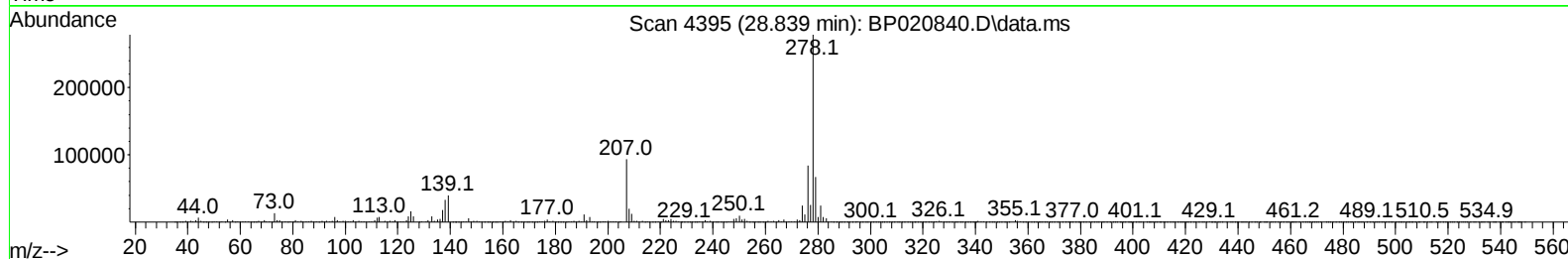
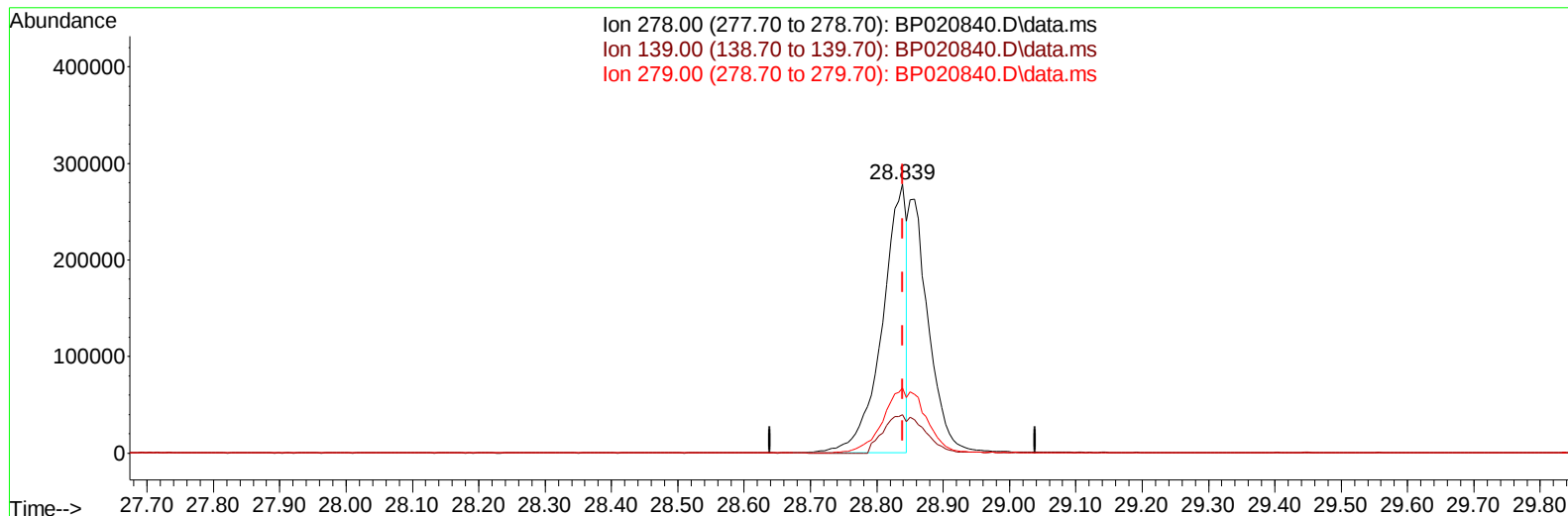
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(95) Dibenzo(a,h)anthracene

28.839min (-0.000) 9.75 ng/u1

response 709393

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	14.38
279.00	23.40	24.11
0.00	0.00	0.00

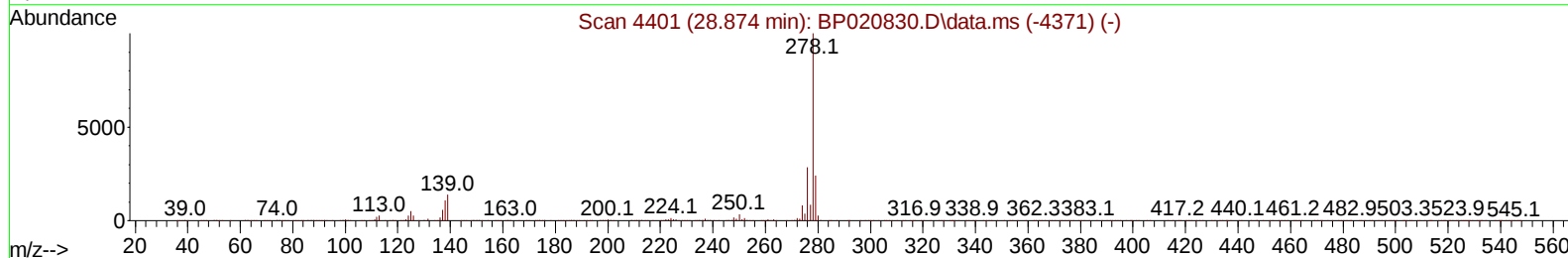
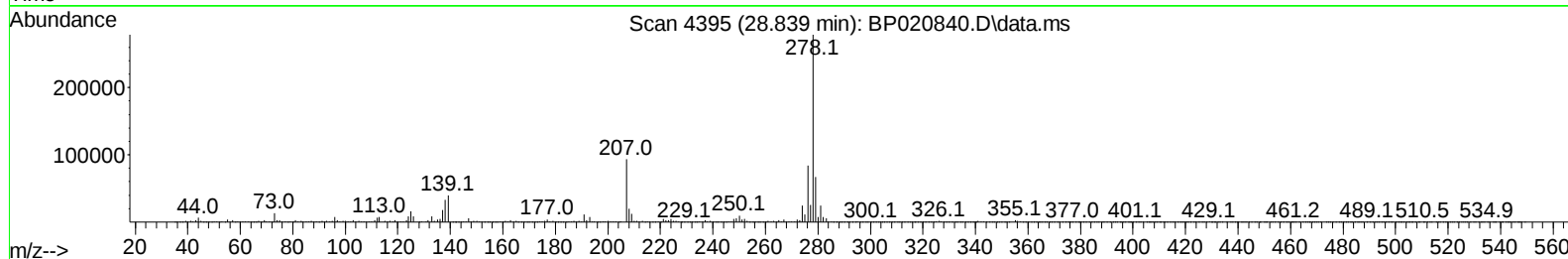
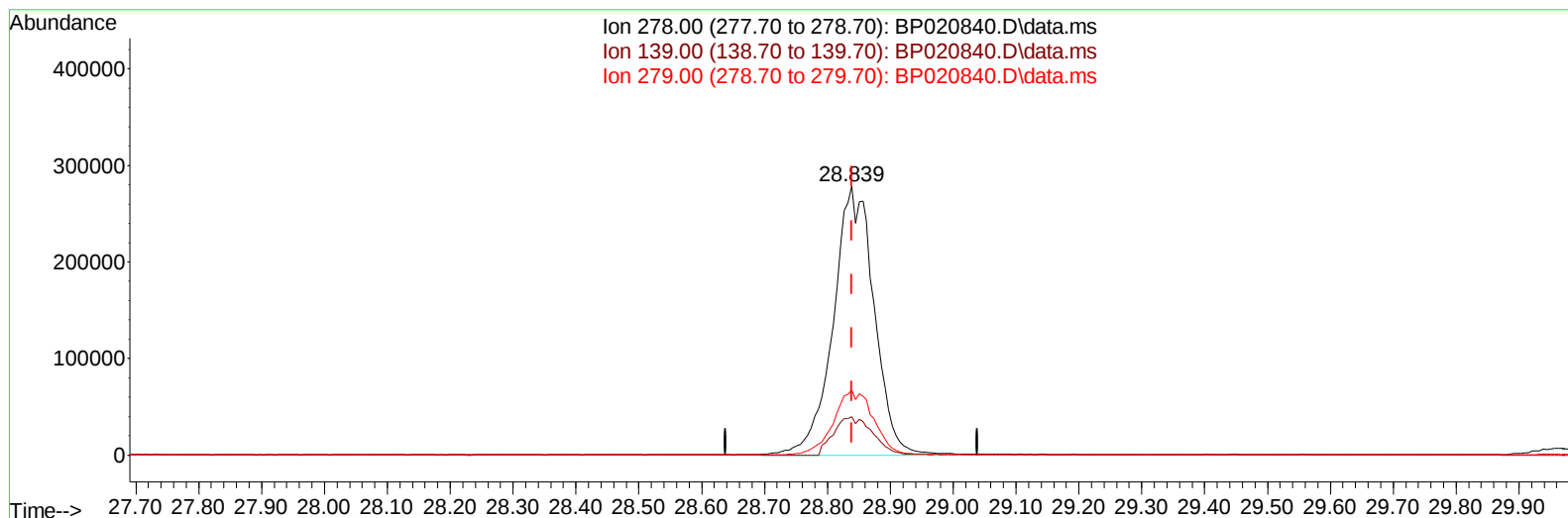
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(95) Dibenzo(a,h)anthracene

28.839min (-0.000) 17.28 ng/ul m

response 1257216

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	14.38
279.00	23.40	24.11
0.00	0.00	0.00

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7) Phenol-d5	6.922	99	246966	17.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	150042	17.062	ng/ul	-0.01
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15) 4-Methylphenol-d8	8.434	113	206699	18.347	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	101956	19.364	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	116521	22.114	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	214813	19.792	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	288366	18.958	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	643769	18.853	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160	729792	17.911	ng/ul	0.01
54) 4-Nitrophenol-d4	14.598	143	106349	20.384	ng/ul	0.02
60) Fluorene-d10	15.369	176	543200	18.905	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	107398	20.137	ng/ul	0.01
73) Anthracene-d10	17.275	188	869318	18.302	ng/ul	0.01
81) Pyrene-d10	19.651	212	1022557	16.313	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	1056796	18.007	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	31660	7.183	ng/uL	97
5) Pyridine	3.693	79	200643	16.875	ng/ul	97
6) Benzaldehyde	6.893	77	156943	22.373	ng/ul	98
8) Phenol	6.946	94	251236	17.761	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.163	93	207140	17.687	ng/ul	96
12) 2-Chlorophenol	7.305	128	206846	18.150	ng/ul	97
13) 2-Methylphenol	8.175	108	197072	18.158	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	296706	16.671	ng/ul	100
16) Acetophenone	8.540	105	321095	17.847	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	162284	16.969	ng/ul	98
18) 4-Methylphenol	8.499	108	211904	18.445	ng/ul	99
19) Hexachloroethane	8.787	117	89777	18.146	ng/ul	92
22) Nitrobenzene	8.916	77	242249	17.748	ng/ul	98
23) Isophorone	9.440	82	472254	17.462	ng/ul	98
25) 2-Nitrophenol	9.616	139	120108	21.107	ng/ul	97
26) 2,4-Dimethylphenol	9.687	107	239078	18.039	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.904	93	284331	17.672	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	206925	19.261	ng/ul	97
30) Naphthalene	10.546	128	677455	17.747	ng/ul	99
32) 4-Chloroaniline	10.663	127	272147	18.583	ng/ul	100
33) Hexachlorobutadiene	10.816	225	148395	18.476	ng/ul	99
34) Caprolactam	11.457	113	67604	20.679	ng/ul	89
35) 4-Chloro-3-methylphenol	11.798	107	228734	19.284	ng/ul	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020840.D
 Acq On : 08 Jul 2024 20:52
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020677

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 23:04:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	468931	18.339	ng/ul	97
37) 1-Methylnaphthalene	12.375	142	479854	18.357	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	279940	17.829	ng/ul	98
40) Hexachlorocyclopentadiene	12.492	237	123799	12.667	ng/ul	99
41) 2,4,6-Trichlorophenol	12.781	196	177163	18.914	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	185781	19.124	ng/ul	96
43) 1,1'-Biphenyl	13.181	154	623619	16.979	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	498780	17.242	ng/ul	99
45) 2-Nitroaniline	13.445	65	143219	19.656	ng/ul	91
47) Dimethylphthalate	13.810	163	649162	18.663	ng/ul	99
48) 2,6-Dinitrotoluene	13.934	165	131828	21.255	ng/ul	95
50) Acenaphthylene	14.081	152	815006	17.708	ng/ul	100
51) 3-Nitroaniline	14.269	138	129095	22.395	ng/ul	97
52) Acenaphthene	14.428	153	540239	17.695	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	62883	19.546	ng/ul	98
55) 4-Nitrophenol	14.610	109	86565	18.541	ng/ul	94
56) Dibenzofuran	14.763	168	750538	18.243	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	193261	22.574	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.992	232	166199	20.713	ng/ul	94
59) Diethylphthalate	15.204	149	657940	19.176	ng/ul	99
61) Fluorene	15.428	166	616620	18.654	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	323268	18.741	ng/ul	99
63) 4-Nitroaniline	15.463	138	142597m	26.065	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.522	198	118637	20.765	ng/ul	95
67) N-Nitrosodiphenylamine	15.651	169	531878	17.041	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	208747	17.683	ng/ul	97
69) Hexachlorobenzene	16.451	284	243676	18.440	ng/ul	91
70) Atrazine	16.633	200	208755	18.972	ng/ul	100
71) Pentachlorophenol	16.816	266	138440	18.197	ng/ul	96
72) Phenanthrene	17.216	178	997926	18.007	ng/ul	99
74) Anthracene	17.310	178	1026342	18.004	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	273636	15.928	ng/uL	98
76) Pentachlorobenzene	14.681	250	275241	16.810	ng/uL	100
77) Carbazole	17.604	167	916105	19.472	ng/ul	99
78) Di-n-butylphthalate	18.180	149	1169031	19.131	ng/ul	99
80) Fluoranthene	19.310	202	1236966	16.155	ng/ul	99
82) Pyrene	19.686	202	1268848	16.158	ng/ul	98
83) Butylbenzylphthalate	20.633	149	546063	18.727	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	443086	19.206	ng/ul	98
85) Benzo(a)anthracene	21.604	228	1294069	17.694	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	801315	17.699	ng/ul	99
87) Chrysene	21.674	228	1202014	17.388	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	1408678	18.187	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	1298761	17.769	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	1284998	17.380	ng/ul	99
93) Benzo(a)pyrene	24.809	252	1220730	17.692	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	1510531m	17.068	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	1257216m	17.284	ng/ul	
96) Benzo(g,h,i)perylene	29.956	276	1224543	16.947	ng/ul	97

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

Instrument :

BNA_P

ClientSampleId :

SSTD020677

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
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