

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020962.D
 Acq On : 15 Jul 2024 17:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020687

Quant Time: Jul 15 18:06:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	164669	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	644431	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.310	164	380532	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	718001	20.000	ng/u1	0.01
79) Chrysene-d12	21.563	240	674025	20.000	ng/u1	0.01
88) Perylene-d12	24.868	264	838028	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	29969	8.282	ng/uL	0.00
4) Pyridine-d5	3.658	84	205747	19.639	ng/u1	0.00
7) Phenol-d5	6.893	99	261784	19.500	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	163186	20.058	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	224869	20.330	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	215249	19.305	ng/u1	0.01
21) Nitrobenzene-d5	8.846	128	106307	21.239	ng/u1	0.02
24) 2-Nitrophenol-d4	9.551	143	122498	21.382	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	215251	20.779	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	282146	20.559	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	564172	20.395	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	669993	21.570	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	62097	15.777	ng/u1	0.00
60) Fluorene-d10	15.322	176	479169	21.114	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	81357	18.727	ng/u1	0.00
73) Anthracene-d10	17.222	188	687063	21.545	ng/u1	0.00
81) Pyrene-d10	19.604	212	756484	18.154	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	890936	21.556	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	33718	8.472	ng/uL	98
5) Pyridine	3.675	79	220872	20.441	ng/u1	99
6) Benzaldehyde	6.863	77	162129	23.955	ng/u1	99
8) Phenol	6.916	94	266510	19.618	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.134	93	224365	19.993	ng/u1	99
12) 2-Chlorophenol	7.269	128	223357	20.148	ng/u1	98
13) 2-Methylphenol	8.151	108	206877	19.691	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	323548	19.956	ng/u1	98
16) Acetophenone	8.516	105	333142	19.358	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.487	70	167224	18.546	ng/u1	99
18) 4-Methylphenol	8.475	108	219121	19.468	ng/u1	99
19) Hexachloroethane	8.746	117	99691	20.011	ng/u1	98
22) Nitrobenzene	8.893	77	256713	21.410	ng/u1	98
23) Isophorone	9.404	82	457402	19.189	ng/u1	100
25) 2-Nitrophenol	9.587	139	126396	21.154	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	244450	20.747	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	288720	19.927	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	210138	20.583	ng/u1	99
30) Naphthalene	10.504	128	718847	21.206	ng/u1	99
32) 4-Chloroaniline	10.628	127	267700	20.428	ng/u1	99
33) Hexachlorobutadiene	10.775	225	161807	21.137	ng/u1	98
34) Caprolactam	11.440	113	56517m	17.970	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	216391	19.499	ng/u1	97
36) 2-Methylnaphthalene	12.110	142	467111	20.075	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.339	142	486636	20.335	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	278488	22.535	ng/ul	96
40) Hexachlorocyclopentadiene	12.445	237	109309	16.908	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	167764	21.484	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	173465	20.995	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	608437	21.878	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	486838	21.929	ng/ul	98
45) 2-Nitroaniline	13.410	65	127812	20.818	ng/ul	95
47) Dimethylphthalate	13.769	163	570183	20.314	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	111314	19.836	ng/ul	99
50) Acenaphthylene	14.028	152	753615	21.429	ng/ul	100
51) 3-Nitroaniline	14.251	138	105709	21.647	ng/ul	89
52) Acenaphthene	14.369	153	502615	21.533	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	40872	13.869	ng/ul	94
55) 4-Nitrophenol	14.592	109	50274	15.703	ng/ul	94
56) Dibenzofuran	14.716	168	677946	21.209	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	157163	20.402	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.963	232	141706	20.029	ng/ul	98
59) Diethylphthalate	15.151	149	541666	19.310	ng/ul	99
61) Fluorene	15.381	166	543321	20.830	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	285766	20.190	ng/ul	97
63) 4-Nitroaniline	15.428	138	92388	22.846	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.486	198	86812	18.844	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	447369	21.397	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	175820	20.892	ng/ul	97
69) Hexachlorobenzene	16.404	284	204533	21.196	ng/ul	97
70) Atrazine	16.586	200	159538	20.937	ng/ul	97
71) Pentachlorophenol	16.769	266	83959m	16.020	ng/ul	
72) Phenanthrene	17.169	178	801357	21.515	ng/ul	100
74) Anthracene	17.257	178	822904	21.671	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	268495	23.364	ng/uL	97
76) Pentachlorobenzene	14.634	250	257903	22.585	ng/uL	99
77) Carbazole	17.557	167	679395	21.887	ng/ul	99
78) Di-n-butylphthalate	18.122	149	857864	20.031	ng/ul	100
80) Fluoranthene	19.263	202	895378	17.792	ng/ul	100
82) Pyrene	19.639	202	934901	18.256	ng/ul	99
83) Butylbenzylphthalate	20.586	149	386344	18.108	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.468	252	340241	22.091	ng/ul	99
85) Benzo(a)anthracene	21.545	228	984673	20.855	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	560414	18.252	ng/ul	99
87) Chrysene	21.604	228	934780	21.306	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	1014636	18.328	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	1050616	20.659	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	1068047	21.044	ng/ul	99
93) Benzo(a)pyrene	24.692	252	1011846	21.055	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.603	276	1299550m	20.985	ng/ul	
95) Dibenzo(a,h)anthracene	28.674	278	1080950	21.079	ng/ul	99
96) Benzo(g,h,i)perylene	29.756	276	1047492	20.770	ng/ul	98

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

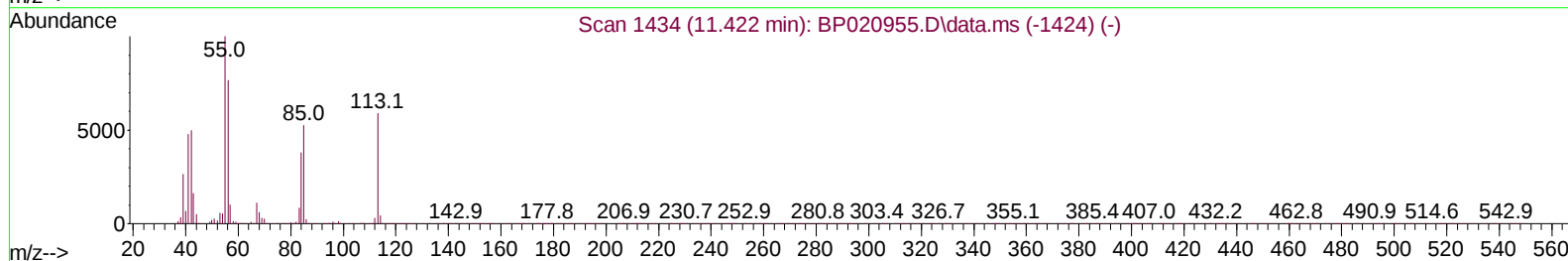
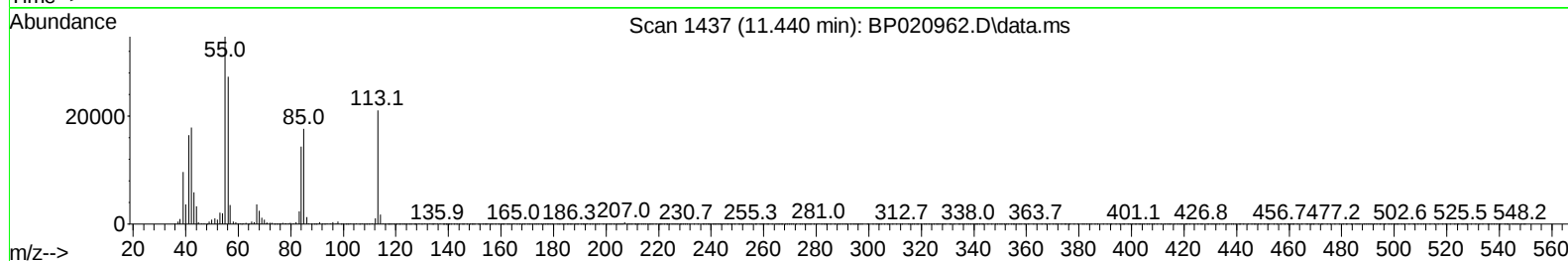
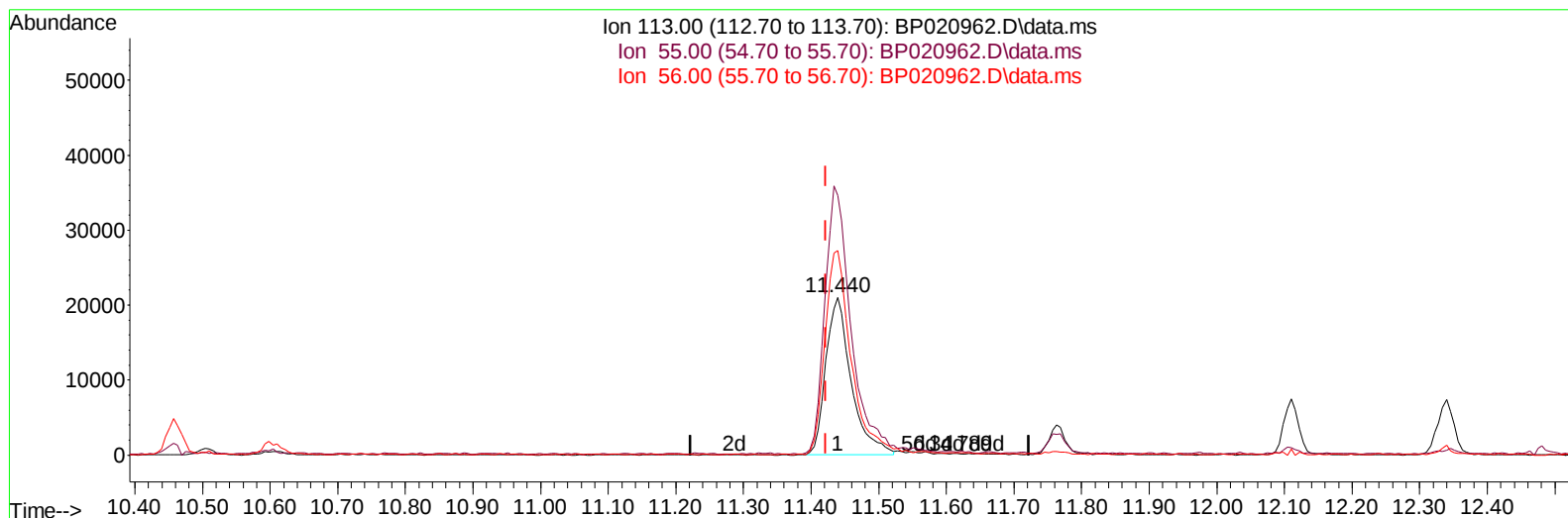
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TIC: BP020962.D\data.ms

(34) Caprolactam

11.440min (+ 0.017) 17.46 ng/ul

response 54908

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	164.76
56.00	131.90	129.64
0.00	0.00	0.00

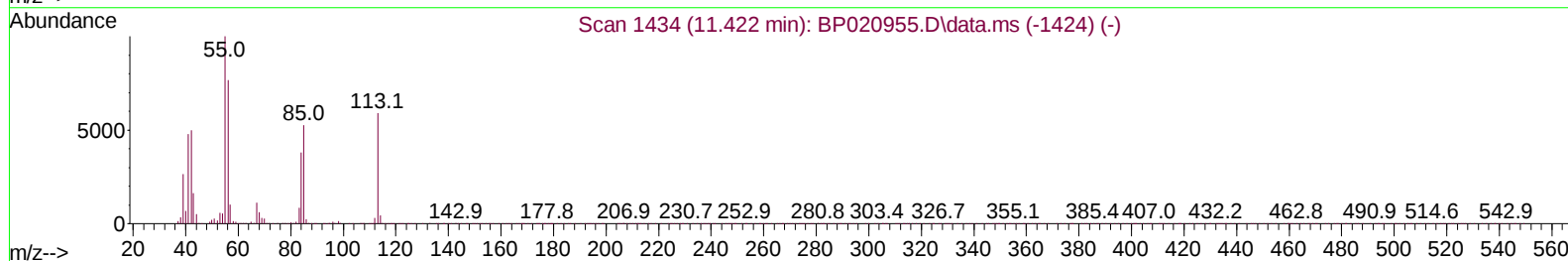
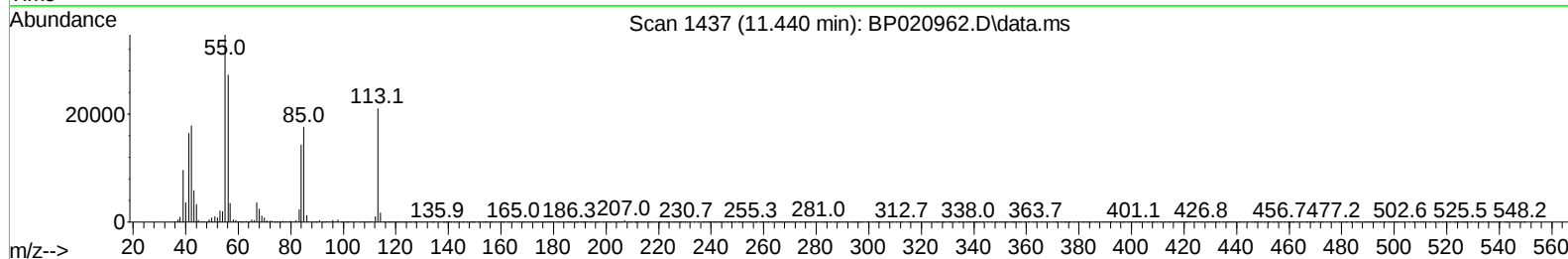
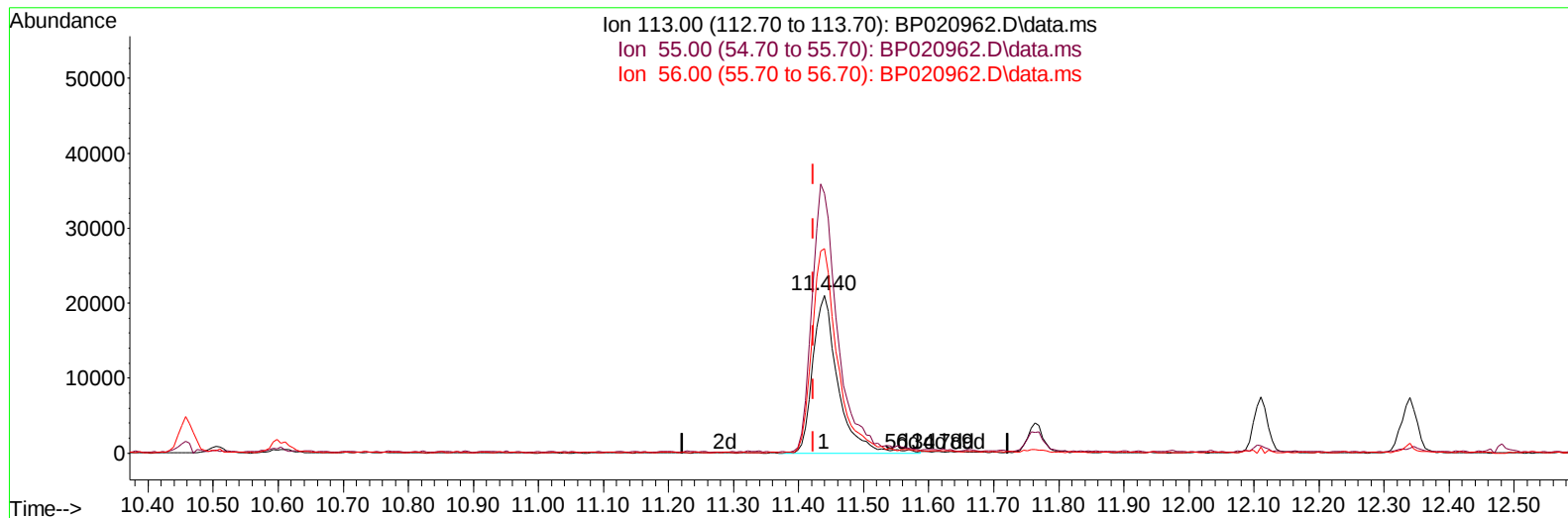
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TIC: BP020962.D\data.ms

(34) Caprolactam

11.440min (+ 0.017) 17.97 ng/ul m

response 56517

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	164.76
56.00	131.90	129.64
0.00	0.00	0.00

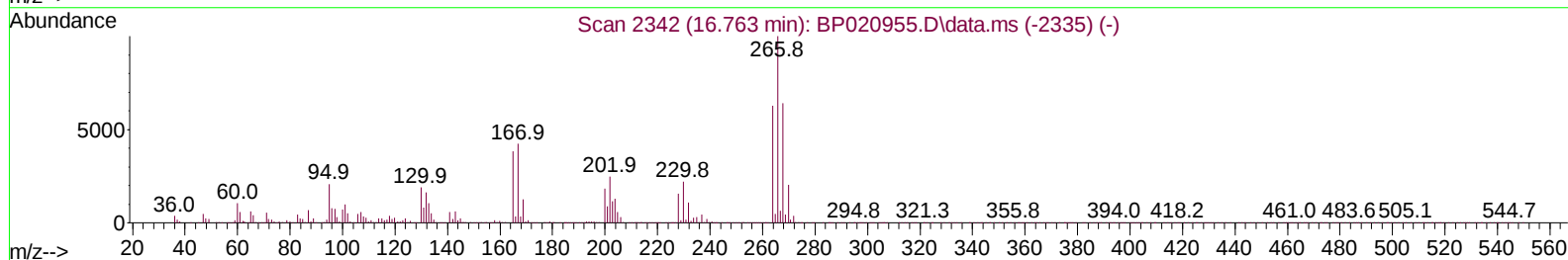
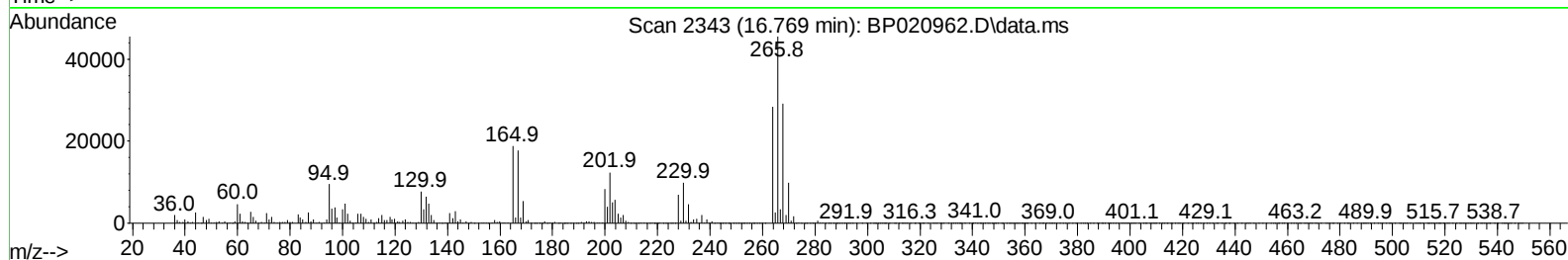
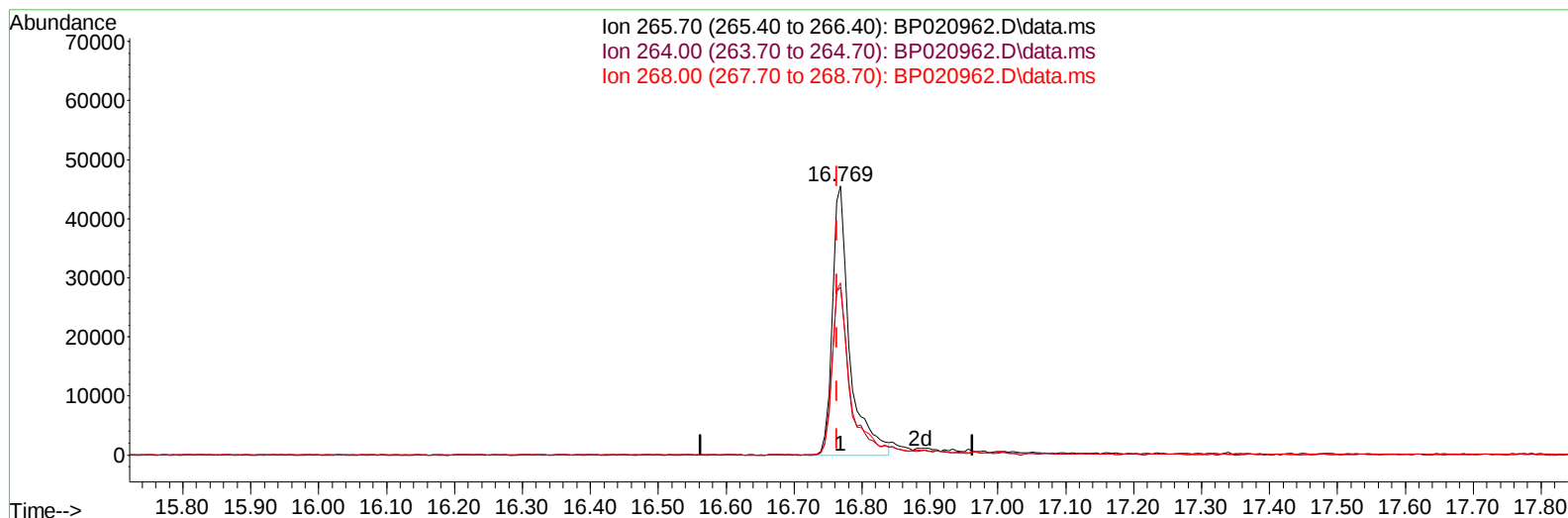
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TIC: BP020962.D\data.ms

(71) Pentachlorophenol (C)

16.769min (+ 0.006) 15.44 ng/u1

response 80897

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	65.40	62.45
268.00	65.40	64.12
0.00	0.00	0.00

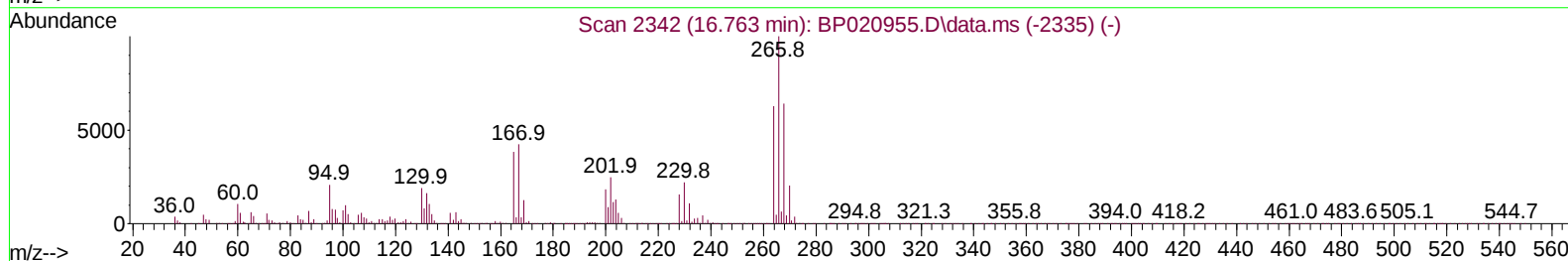
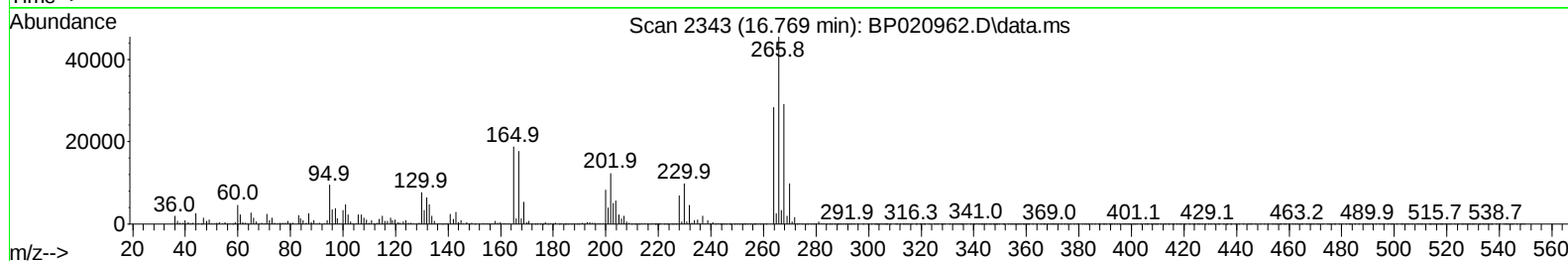
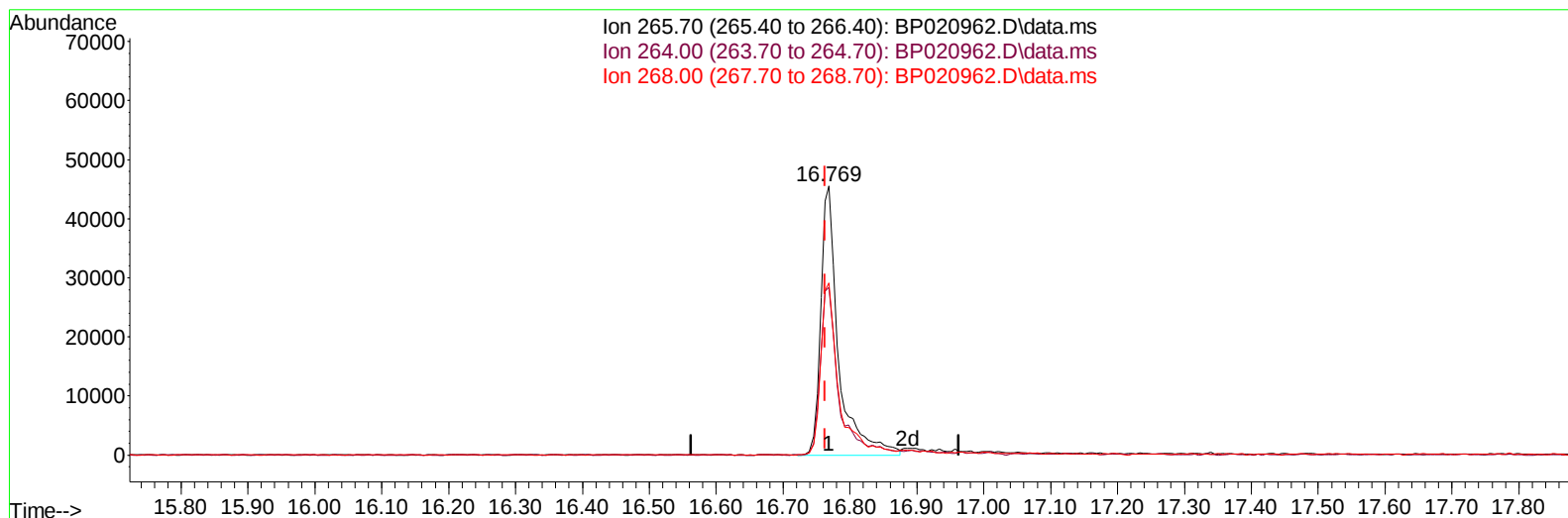
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TIC: BP020962.D\data.ms

(71) Pentachlorophenol (C)

16.769min (+ 0.006) 16.02 ng/ul m

response 83959

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	65.40	62.45
268.00	65.40	64.12
0.00	0.00	0.00

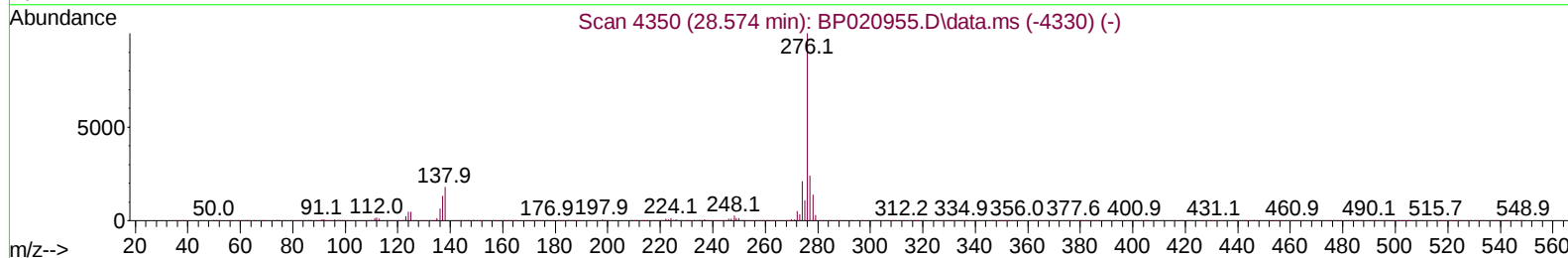
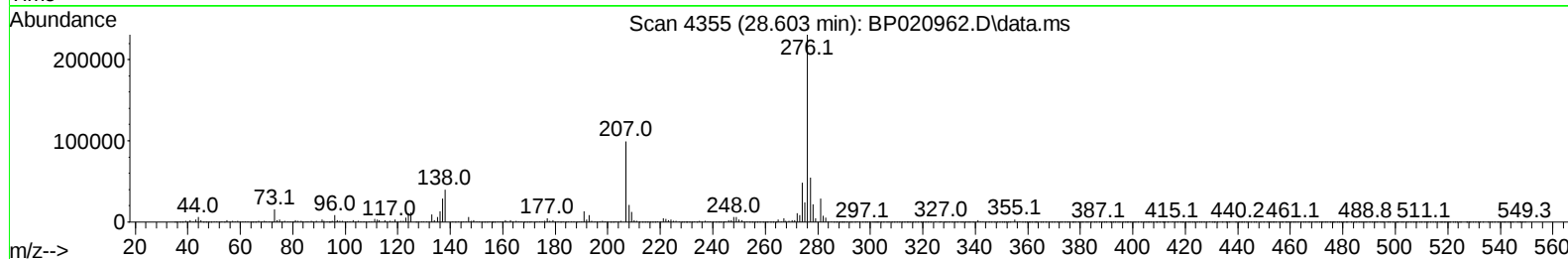
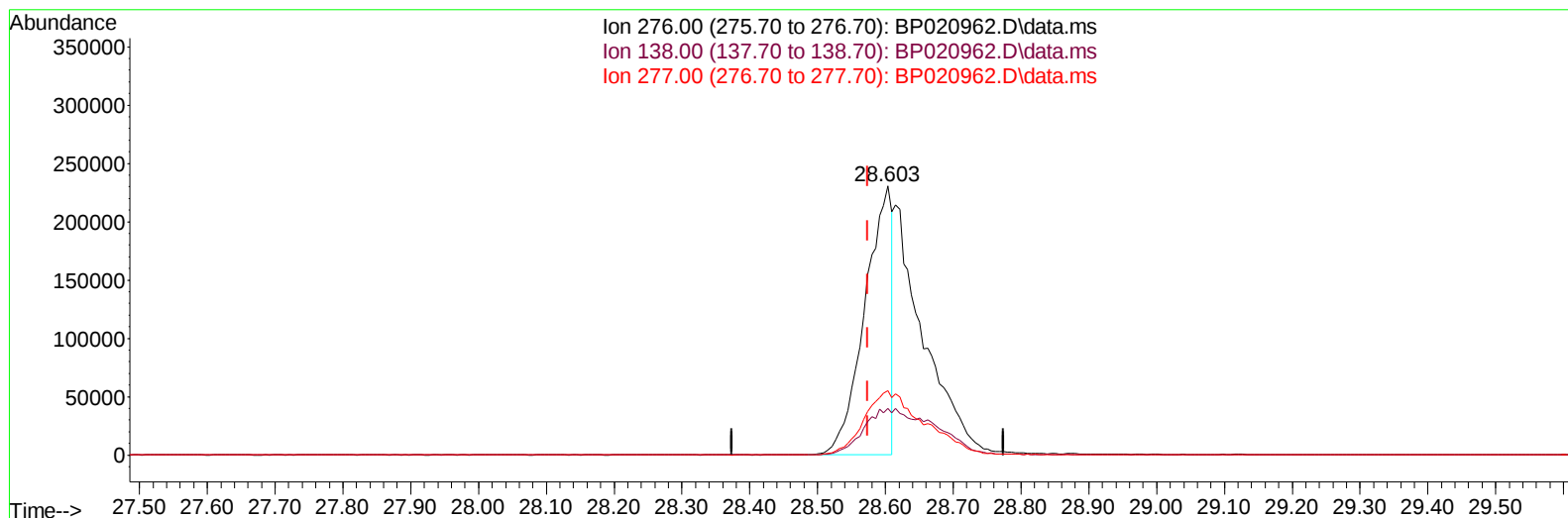
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(94) Indeno(1,2,3-cd)pyrene

28.603min (+ 0.029) 10.37 ng/u1

response 641879

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.37
277.00	24.00	23.90
0.00	0.00	0.00

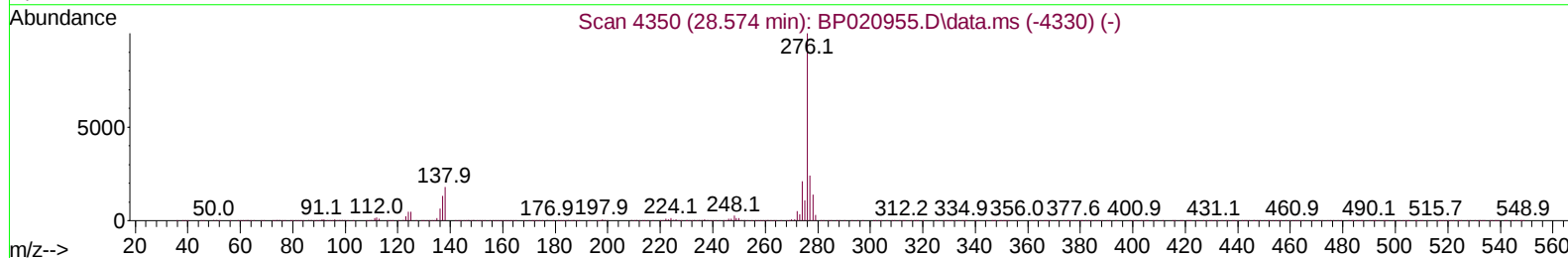
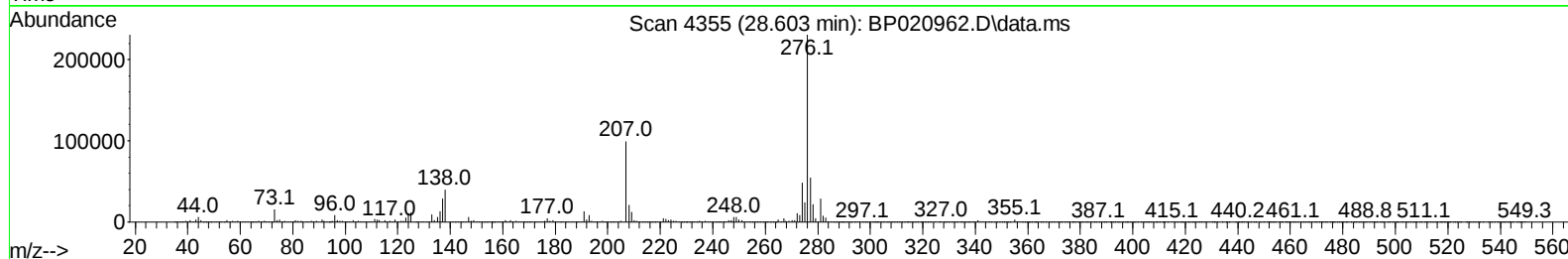
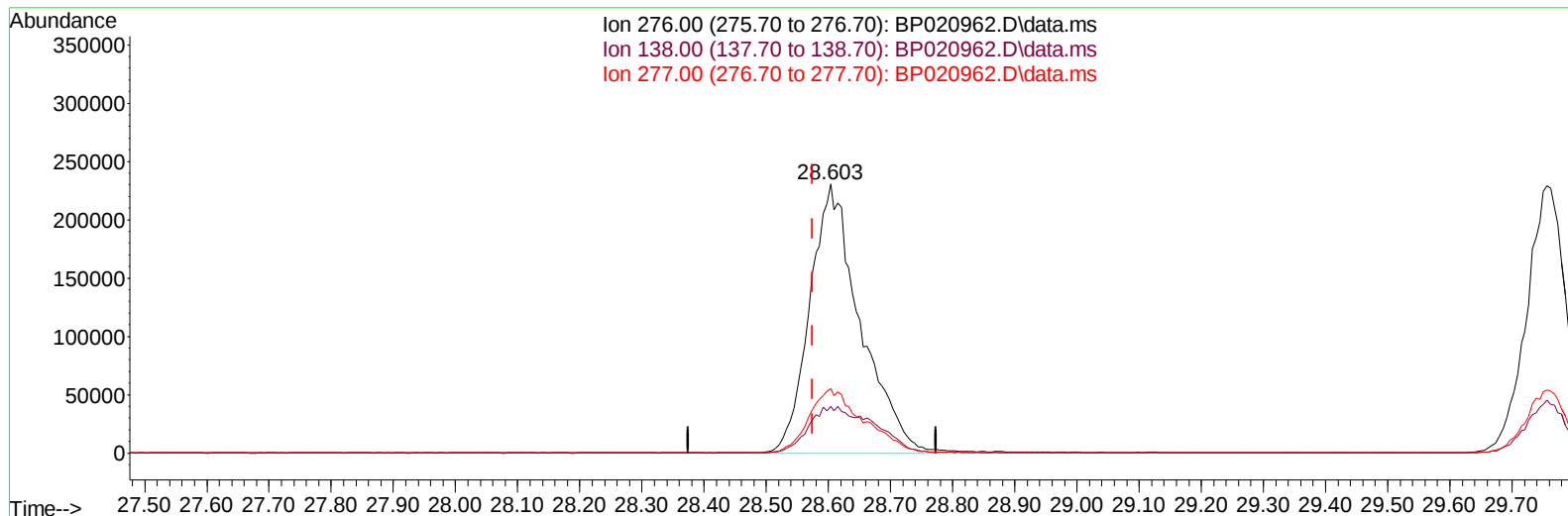
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(94) Indeno(1,2,3-cd)pyrene

28.603min (+ 0.029) 20.99 ng/ul m

response 1299550

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.37
277.00	24.00	23.90
0.00	0.00	0.00

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24) 2-Nitrophenol-d4	9.551	143	122498	21.382	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	215251	20.779	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	282146	20.559	ng/ul	0.01
46) Dimethylphthalate-d6	13.716	166	564172	20.395	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	669993	21.570	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	62097	15.777	ng/ul	0.00
60) Fluorene-d10	15.322	176	479169	21.114	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	81357	18.727	ng/ul	0.00
73) Anthracene-d10	17.222	188	687063	21.545	ng/ul	0.00
81) Pyrene-d10	19.604	212	756484	18.154	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	890936	21.556	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	33718	8.472	ng/uL	98
5) Pyridine	3.675	79	220872	20.441	ng/ul	99
6) Benzaldehyde	6.863	77	162129	23.955	ng/ul	99
8) Phenol	6.916	94	266510	19.618	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.134	93	224365	19.993	ng/ul	99
12) 2-Chlorophenol	7.269	128	223357	20.148	ng/ul	98
13) 2-Methylphenol	8.151	108	206877	19.691	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	323548	19.956	ng/ul	98
16) Acetophenone	8.516	105	333142	19.358	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.487	70	167224	18.546	ng/ul	99
18) 4-Methylphenol	8.475	108	219121	19.468	ng/ul	99
19) Hexachloroethane	8.746	117	99691	20.011	ng/ul	98
22) Nitrobenzene	8.893	77	256713	21.410	ng/ul	98
23) Isophorone	9.404	82	457402	19.189	ng/ul	100
25) 2-Nitrophenol	9.587	139	126396	21.154	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	244450	20.747	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.869	93	288720	19.927	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	210138	20.583	ng/ul	99
30) Naphthalene	10.504	128	718847	21.206	ng/ul	99
32) 4-Chloroaniline	10.628	127	267700	20.428	ng/ul	99
33) Hexachlorobutadiene	10.775	225	161807	21.137	ng/ul	98
34) Caprolactam	11.440	113	56517m	17.970	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	216391	19.499	ng/ul	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020962.D
 Acq On : 15 Jul 2024 17:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020687

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 15 18:06:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.110	142	467111	20.075	ng/ul	99
37) 1-Methylnaphthalene	12.339	142	486636	20.335	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	278488	22.535	ng/ul	96
40) Hexachlorocyclopentadiene	12.445	237	109309	16.908	ng/ul	99
41) 2,4,6-Trichlorophenol	12.739	196	167764	21.484	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	173465	20.995	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	608437	21.878	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	486838	21.929	ng/ul	98
45) 2-Nitroaniline	13.410	65	127812	20.818	ng/ul	95
47) Dimethylphthalate	13.769	163	570183	20.314	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	111314	19.836	ng/ul	99
50) Acenaphthylene	14.028	152	753615	21.429	ng/ul	100
51) 3-Nitroaniline	14.251	138	105709	21.647	ng/ul	89
52) Acenaphthene	14.369	153	502615	21.533	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	40872	13.869	ng/ul	94
55) 4-Nitrophenol	14.592	109	50274	15.703	ng/ul	94
56) Dibenzofuran	14.716	168	677946	21.209	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	157163	20.402	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.963	232	141706	20.029	ng/ul	98
59) Diethylphthalate	15.151	149	541666	19.310	ng/ul	99
61) Fluorene	15.381	166	543321	20.830	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	285766	20.190	ng/ul	97
63) 4-Nitroaniline	15.428	138	92388	22.846	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.486	198	86812	18.844	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	447369	21.397	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	175820	20.892	ng/ul	97
69) Hexachlorobenzene	16.404	284	204533	21.196	ng/ul	97
70) Atrazine	16.586	200	159538	20.937	ng/ul	97
71) Pentachlorophenol	16.769	266	83959m	16.020	ng/ul	
72) Phenanthrene	17.169	178	801357	21.515	ng/ul	100
74) Anthracene	17.257	178	822904	21.671	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	268495	23.364	ng/uL	97
76) Pentachlorobenzene	14.634	250	257903	22.585	ng/uL	99
77) Carbazole	17.557	167	679395	21.887	ng/ul	99
78) Di-n-butylphthalate	18.122	149	857864	20.031	ng/ul	100
80) Fluoranthene	19.263	202	895378	17.792	ng/ul	100
82) Pyrene	19.639	202	934901	18.256	ng/ul	99
83) Butylbenzylphthalate	20.586	149	386344	18.108	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.468	252	340241	22.091	ng/ul	99
85) Benzo(a)anthracene	21.545	228	984673	20.855	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	560414	18.252	ng/ul	99
87) Chrysene	21.604	228	934780	21.306	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	1014636	18.328	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	1050616	20.659	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	1068047	21.044	ng/ul	99
93) Benzo(a)pyrene	24.692	252	1011846	21.055	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.603	276	1299550m	20.985	ng/ul	
95) Dibenzo(a,h)anthracene	28.674	278	1080950	21.079	ng/ul	99
96) Benzo(g,h,i)perylene	29.756	276	1047492	20.770	ng/ul	98

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

Instrument :

BNA_P

ClientSampleId :

SSTD020687

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/18/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020962.D
 Acq On : 15 Jul 2024 17:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020687

Quant Time: Jul 15 18:06:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
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