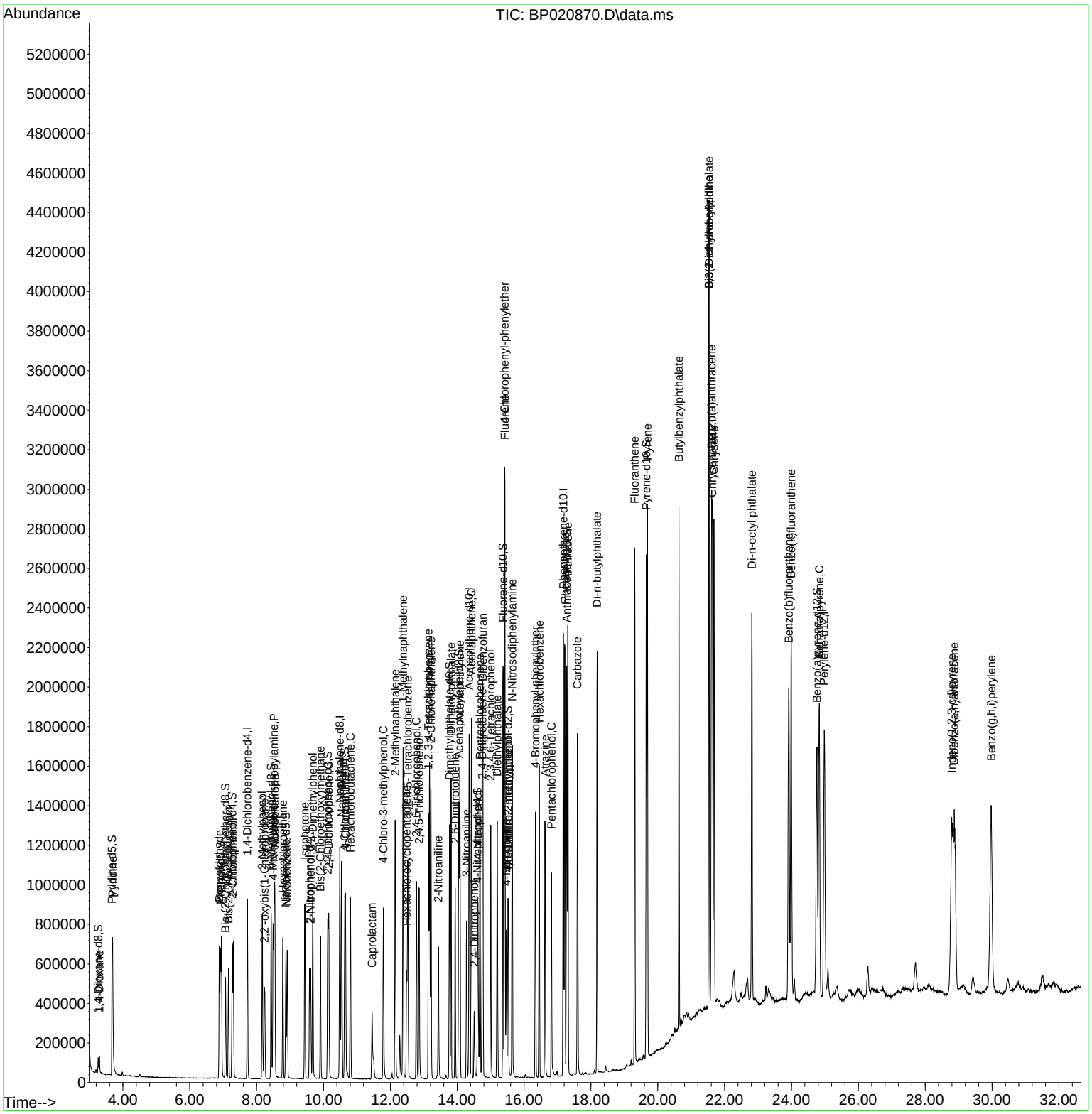
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020870.D
Acq On : 09 Jul 2024 19:52
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 10 02:33:37 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

Instrument :
BNA_P
ClientSampleId :
SSTD020679

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
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Reviewed By :Yogesh Patel 07/10/2024
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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)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	244360	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.487	136	1011802	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	674586	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1449397	20.000	ng/ul	0.01
79) Chrysene-d12	21.633	240	1367876	20.000	ng/ul	0.01
88) Perylene-d12	24.980	264	1572650	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	40442	7.107	ng/uL	0.00
4) Pyridine-d5	3.675	84	296136	17.856	ng/ul	0.00
7) Phenol-d5	6.916	99	365088	18.216	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	214318	16.868	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	307516	18.774	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	295402	18.148	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	145994	19.544	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	166425	22.263	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	309030	20.069	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	413963	19.183	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	886170	18.894	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160	1013955	18.117	ng/ul	0.01
54) 4-Nitrophenol-d4	14.610	143	150575	21.011	ng/ul	0.03
60) Fluorene-d10	15.375	176	758193	19.210	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	134900	18.469	ng/ul	0.02
73) Anthracene-d10	17.274	188	1190088	18.295	ng/ul	0.01
81) Pyrene-d10	19.657	212	1428724	17.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	1417913	18.535	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	44464	6.982	ng/uL	95
5) Pyridine	3.693	79	301768	17.566	ng/ul	99
6) Benzaldehyde	6.887	77	226495	22.347	ng/ul	97
8) Phenol	6.946	94	368098	18.010	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.157	93	296964	17.550	ng/ul	97
12) 2-Chlorophenol	7.304	128	306116	18.590	ng/ul	98
13) 2-Methylphenol	8.169	108	282134	17.992	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.234	45	424566	16.511	ng/ul	99
16) Acetophenone	8.546	105	458961	17.656	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.522	70	229236	16.590	ng/ul	98
18) 4-Methylphenol	8.493	108	303439	18.281	ng/ul	97
19) Hexachloroethane	8.787	117	129936	18.178	ng/ul	88
22) Nitrobenzene	8.916	77	348297	17.986	ng/ul	97
23) Isophorone	9.440	82	658286	17.156	ng/ul	99
25) 2-Nitrophenol	9.616	139	177335	21.966	ng/ul	94
26) 2,4-Dimethylphenol	9.681	107	330360	17.570	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.910	93	397671	17.422	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	300849	19.739	ng/ul	98
30) Naphthalene	10.545	128	973058	17.968	ng/ul	99
32) 4-Chloroaniline	10.657	127	389173	18.731	ng/ul	99
33) Hexachlorobutadiene	10.804	225	217536	19.091	ng/ul	97
34) Caprolactam	11.451	113	95956m	20.688	ng/ul	
35) 4-Chloro-3-methylphenol	11.792	107	328145	19.500	ng/ul	97
36) 2-Methylnaphthalene	12.145	142	665915	18.356	ng/ul	99

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020679

Manual Integrations APPROVED

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

Quant Time: Jul 10 02:33:37 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)
37) 1-Methylnaphthalene	12.381	142	682948	18.416	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.522	216	398939	18.497	ng/ul	98
40) Hexachlorocyclopentadiene	12.486	237	160233	11.936	ng/ul	100
41) 2,4,6-Trichlorophenol	12.781	196	253765	19.723	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	273612	20.504	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	894357	17.728	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	712404	17.929	ng/ul	98
45) 2-Nitroaniline	13.439	65	207146	20.697	ng/ul	94
47) Dimethylphthalate	13.816	163	899030	18.817	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	188474	22.123	ng/ul	95
50) Acenaphthylene	14.081	152	1139208	18.020	ng/ul	100
51) 3-Nitroaniline	14.281	138	192301	24.286	ng/ul	94
52) Acenaphthene	14.428	153	751594	17.922	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	76637	17.342	ng/ul	97
55) 4-Nitrophenol	14.622	109	122088	19.037	ng/ul	97
56) Dibenzofuran	14.769	168	1044518	18.484	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	273247	23.235	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.004	232	239846	21.762	ng/ul#	92
59) Diethylphthalate	15.198	149	902439	19.149	ng/ul	98
61) Fluorene	15.428	166	852489	18.776	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	447327	18.880	ng/ul	97
63) 4-Nitroaniline	15.469	138	204804m	27.253	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.528	198	144429	18.459	ng/ul	93
67) N-Nitrosodiphenylamine	15.645	169	739655	17.304	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	295356	18.269	ng/ul	96
69) Hexachlorobenzene	16.457	284	343080	18.957	ng/ul	93
70) Atrazine	16.627	200	290101	19.252	ng/ul	99
71) Pentachlorophenol	16.822	266	195613	18.774	ng/ul	94
72) Phenanthrene	17.222	178	1366846	18.009	ng/ul	100
74) Anthracene	17.310	178	1405617	18.004	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	394985	16.788	ng/uL	98
76) Pentachlorobenzene	14.680	250	394315	17.585	ng/uL	99
77) Carbazole	17.598	167	1260815	19.568	ng/ul	100
78) Di-n-butylphthalate	18.186	149	1590414	19.005	ng/ul	100
80) Fluoranthene	19.310	202	1679159	16.728	ng/ul	99
82) Pyrene	19.692	202	1725649	16.763	ng/ul	100
83) Butylbenzylphthalate	20.633	149	748595	19.583	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	557624	18.438	ng/ul	97
85) Benzo(a)anthracene	21.610	228	1735243	18.099	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1068761	18.007	ng/ul	98
87) Chrysene	21.680	228	1641555	18.114	ng/ul	99
89) Di-n-octyl phthalate	22.815	149	1859563	18.419	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	1729479	18.153	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	1693778	17.575	ng/ul	99
93) Benzo(a)pyrene	24.833	252	1643356	18.272	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.791	276	2044199m	17.721	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	1688459	17.809	ng/ul	98
96) Benzo(g,h,i)perylene	29.974	276	1649843	17.517	ng/ul	99

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

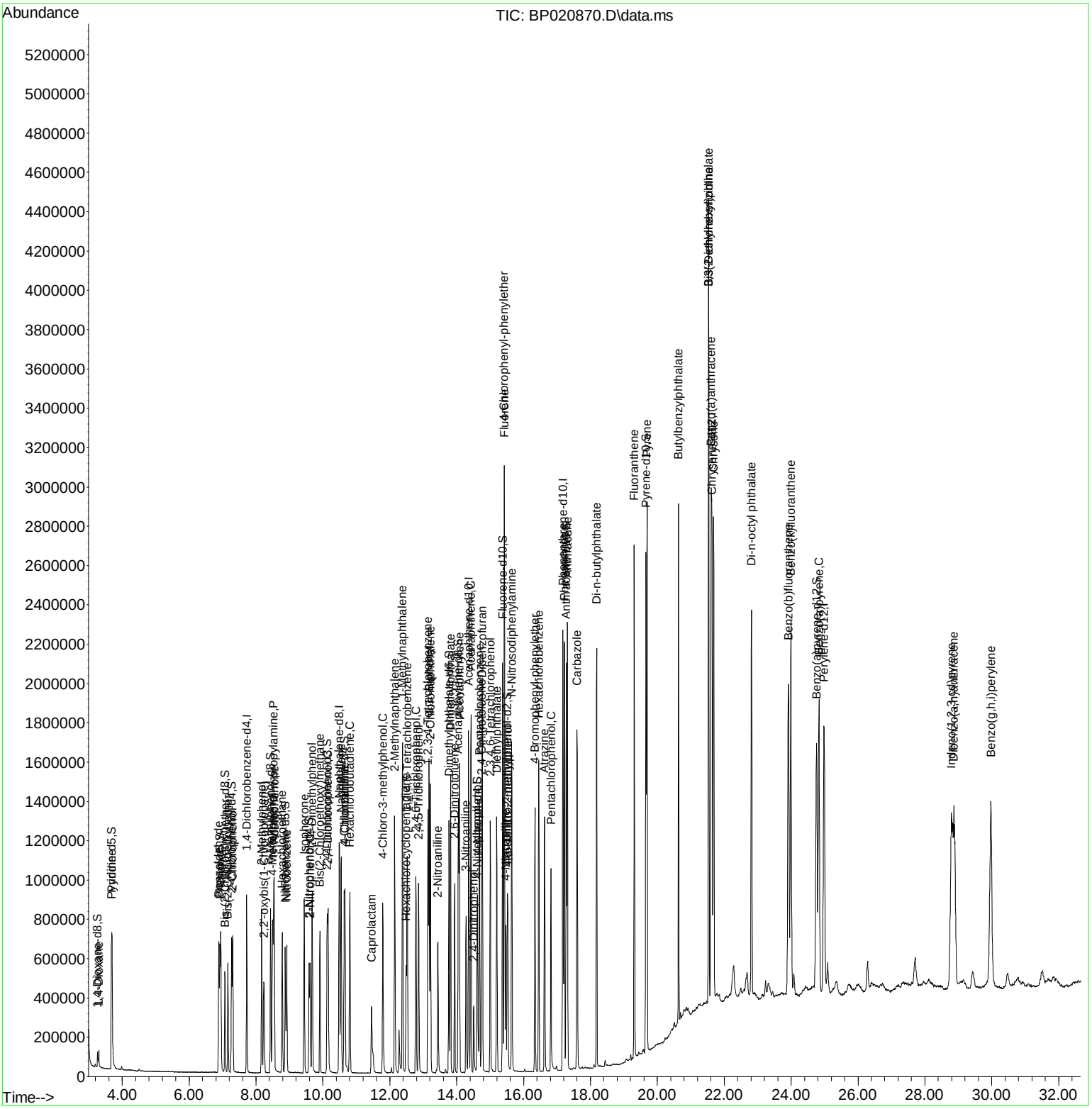
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020870.D
Acq On : 09 Jul 2024 19:52
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jul 10 02:33:37 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

Instrument :
BNA_P
ClientSampleId :
SSTD020679

Manual Integrations APPROVED

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



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
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Acq On : 09 Jul 2024 19:52
Operator : MA/JU
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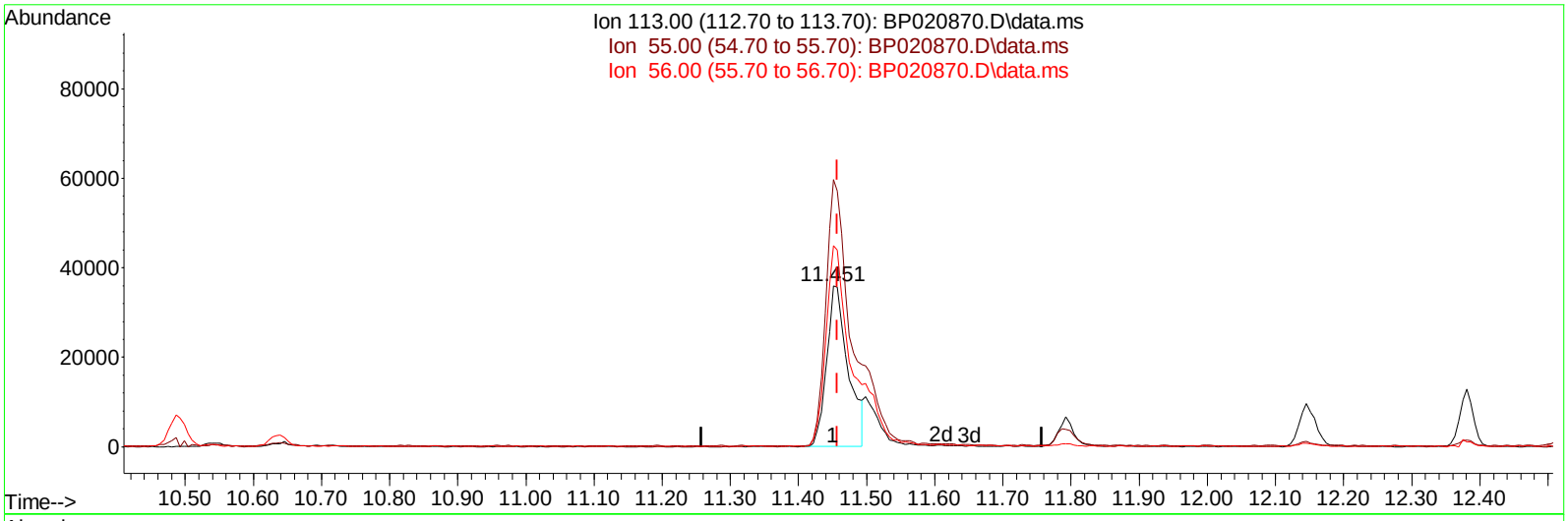

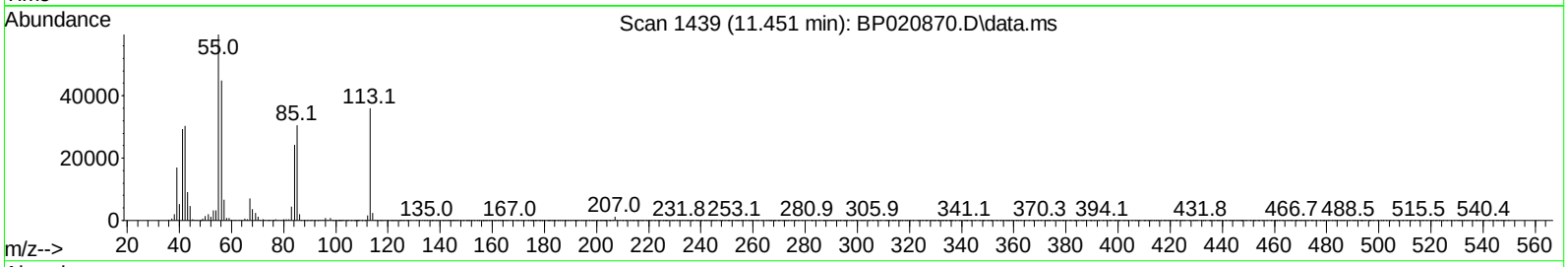

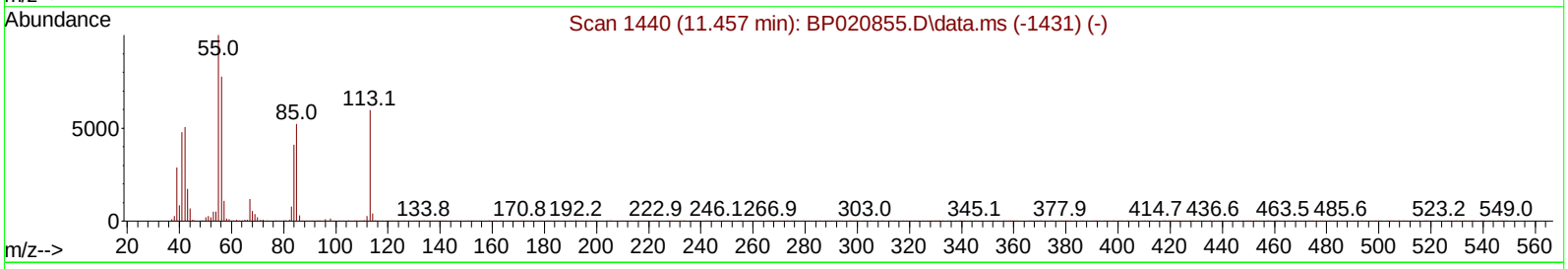

TIC: BP020870.D\data.ms

(34) Caprolactam

11.451min (-0.006) 16.88 ng/ul

response 78301

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	165.77
56.00	140.50	124.83
0.00	0.00	0.00

Quantitation Report (Qedit)

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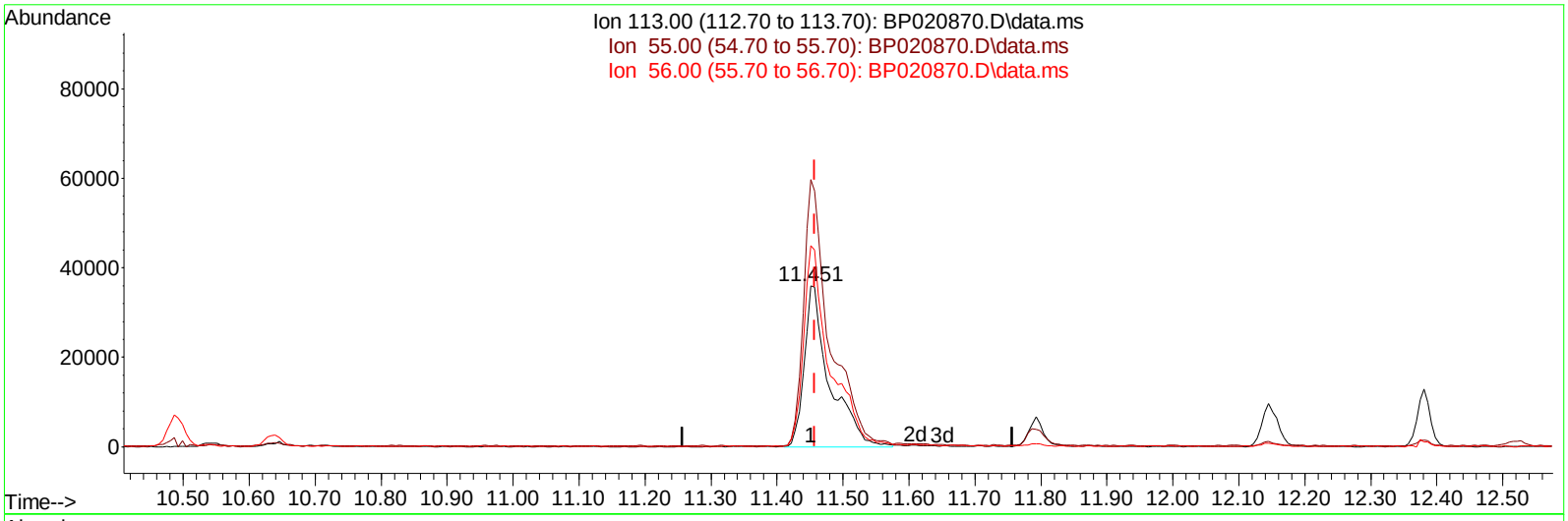

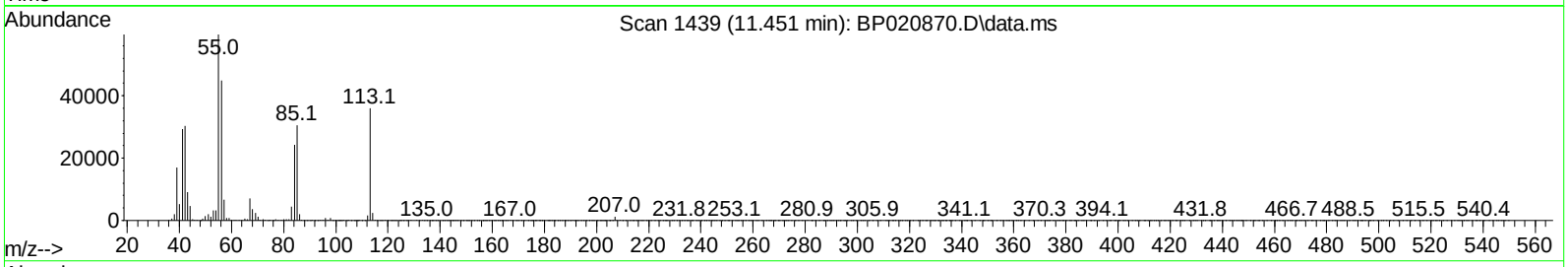

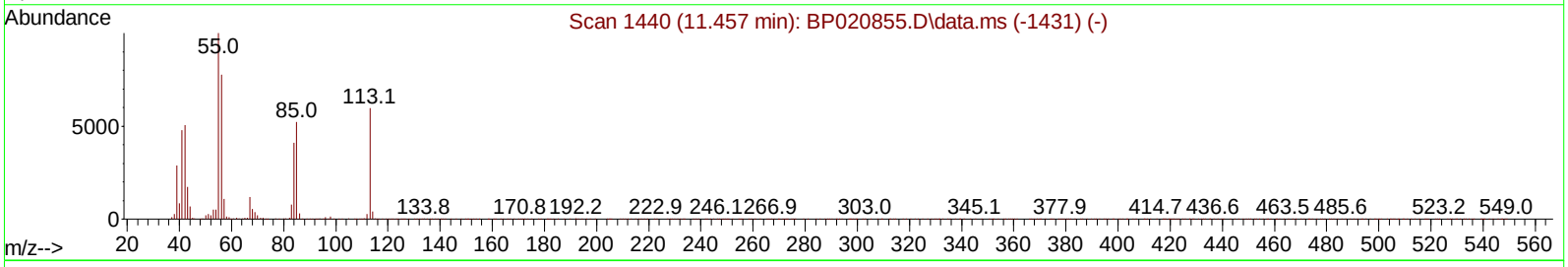

TIC: BP020870.D\data.ms

(34) Caprolactam

11.451min (-0.006) 20.69 ng/ul m

response 95956

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	165.77
56.00	140.50	124.83
0.00	0.00	0.00

Quantitation Report (Qedit)

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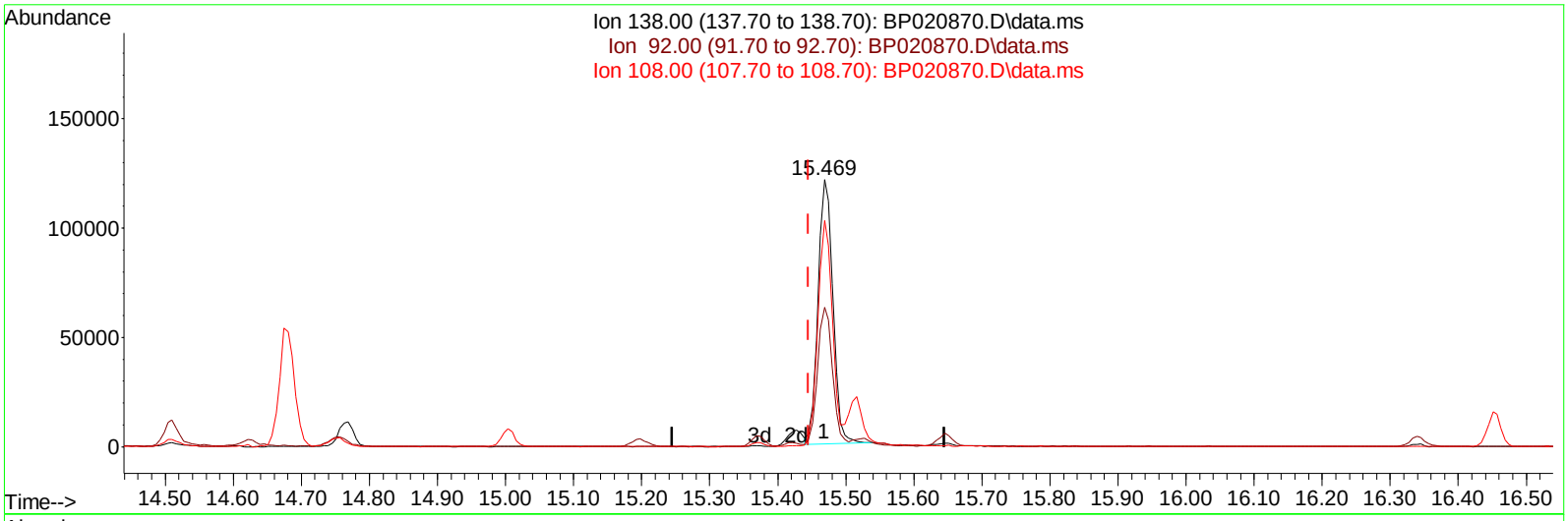

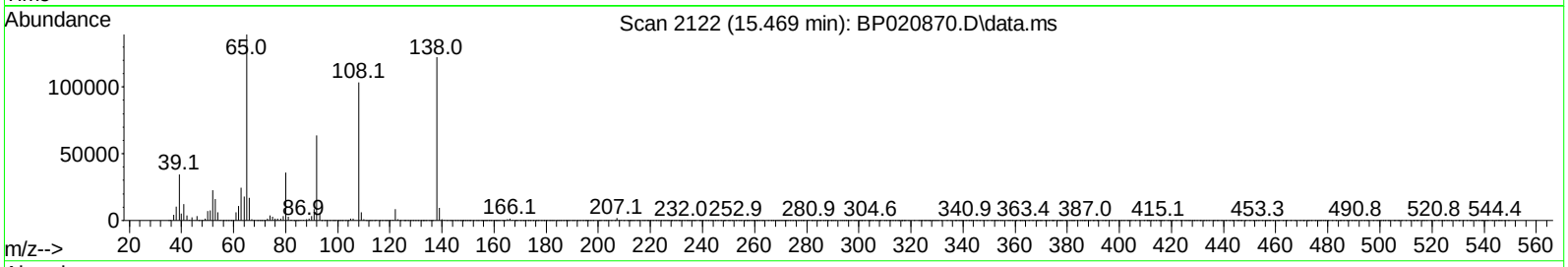

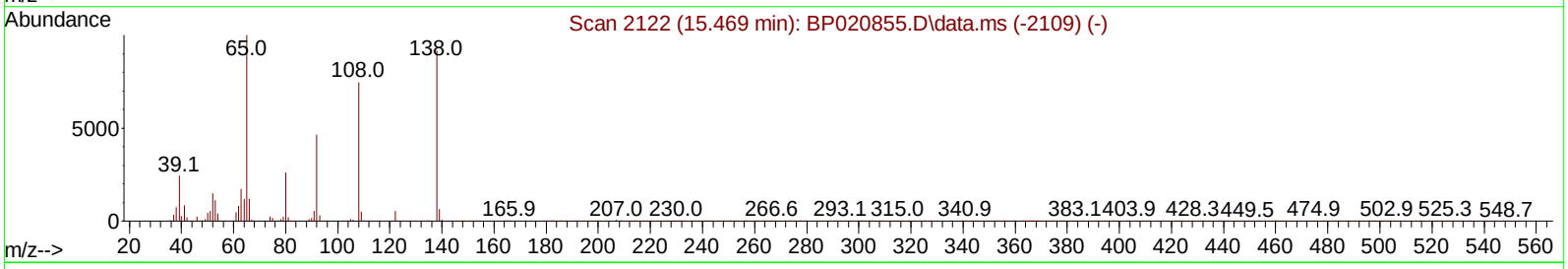

TIC: BP020870.D\data.ms

(63) 4-Nitroaniline

15.469min (+ 0.023) 24.57 ng/ul

response 184624

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	52.16
108.00	91.40	84.76
0.00	0.00	0.00

Quantitation Report (Qedit)

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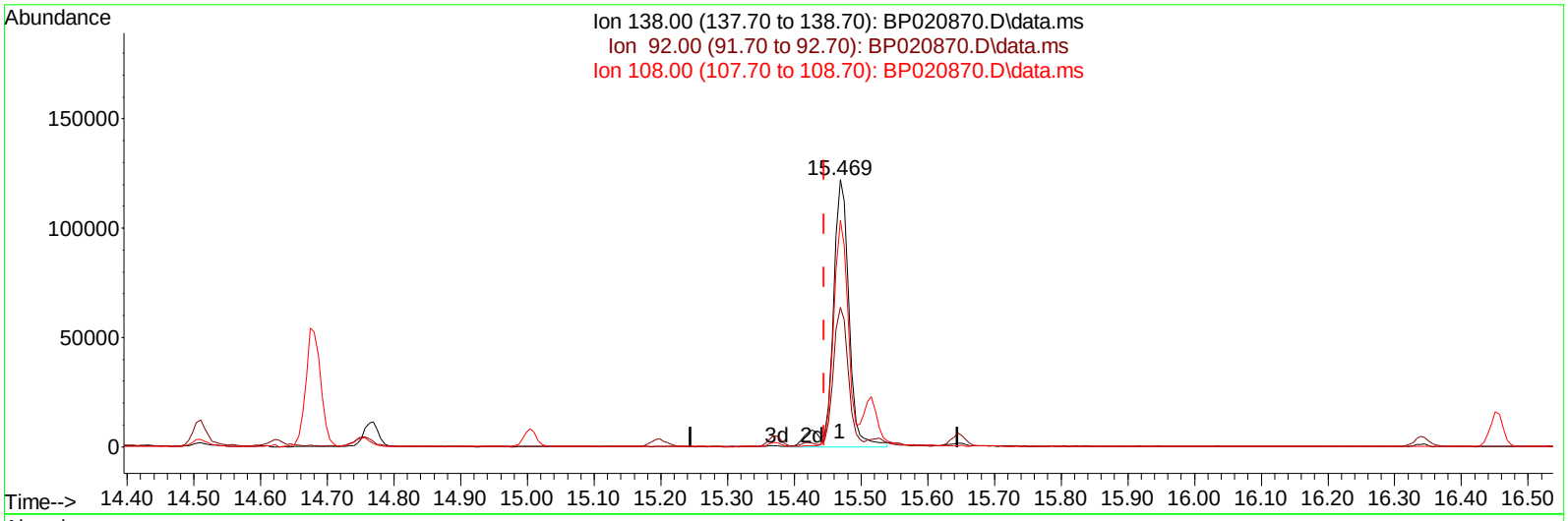

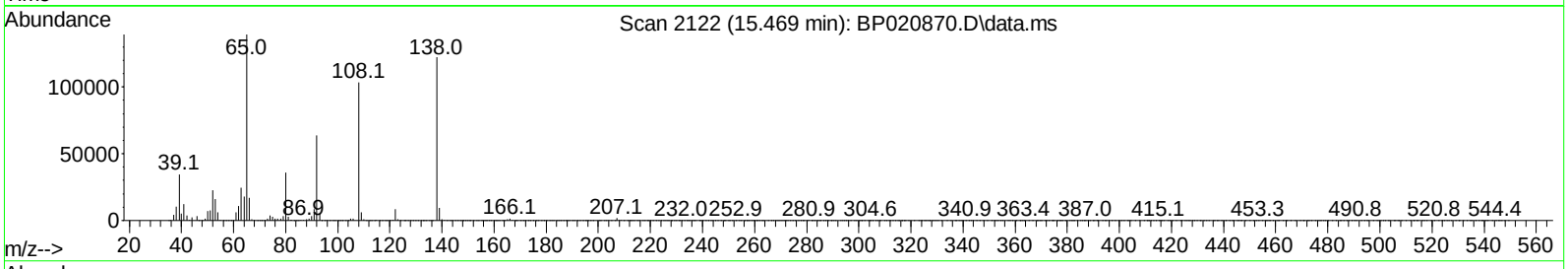

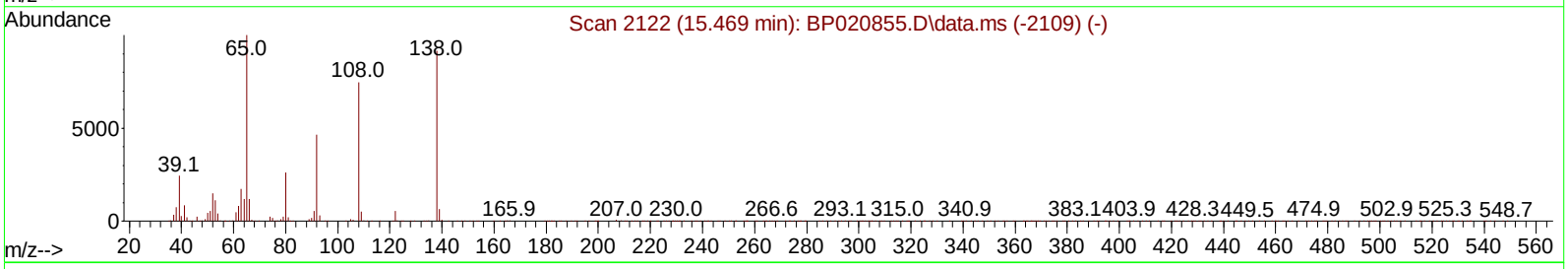

TIC: BP020870.D\data.ms

(63) 4-Nitroaniline

15.469min (+ 0.023) 27.25 ng/ul m

response 204804

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	52.16
108.00	91.40	84.76
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_P
ClientSampleId :
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Manual Integrations APPROVED

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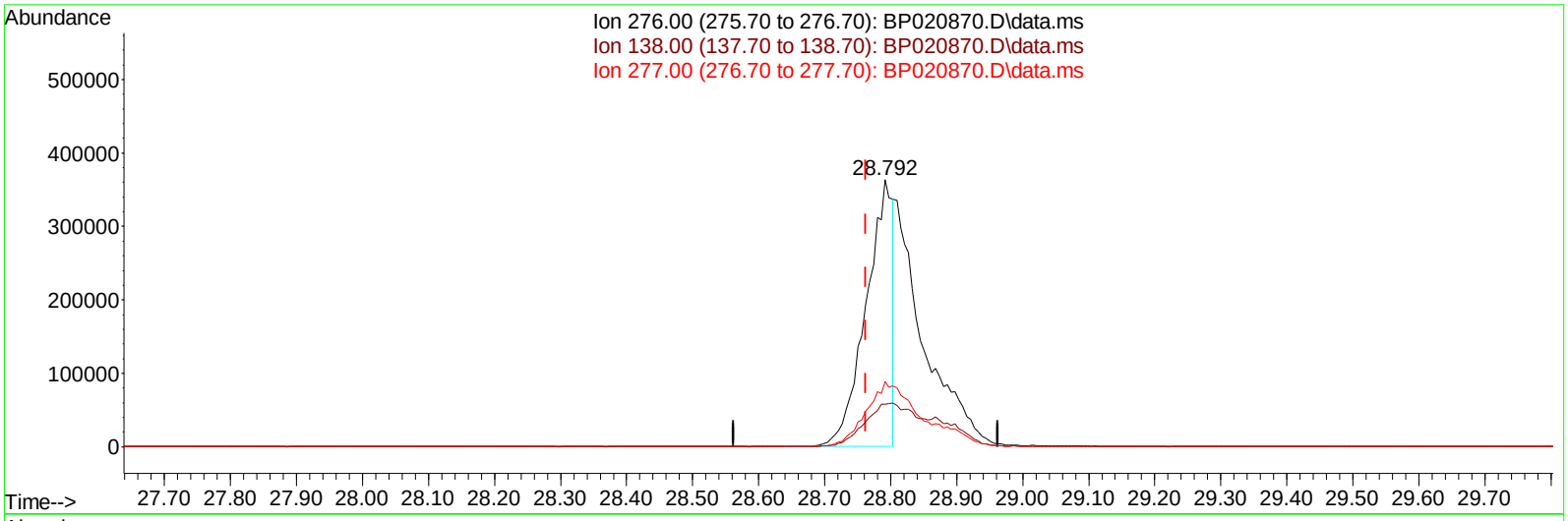
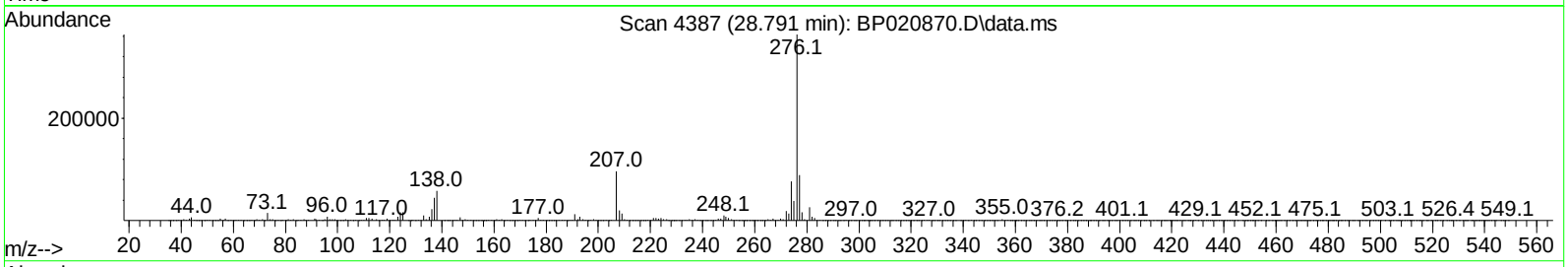
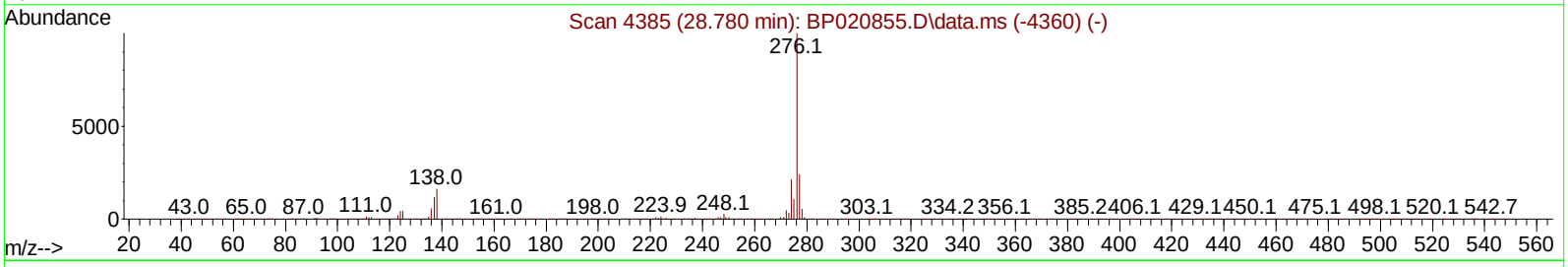






TIC: BP020870.D\data.ms

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

28.791min (+ 0.029) 8.92 ng/ul

response 1028760

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	16.03
277.00	23.70	24.36
0.00	0.00	0.00

Quantitation Report (Qedit)

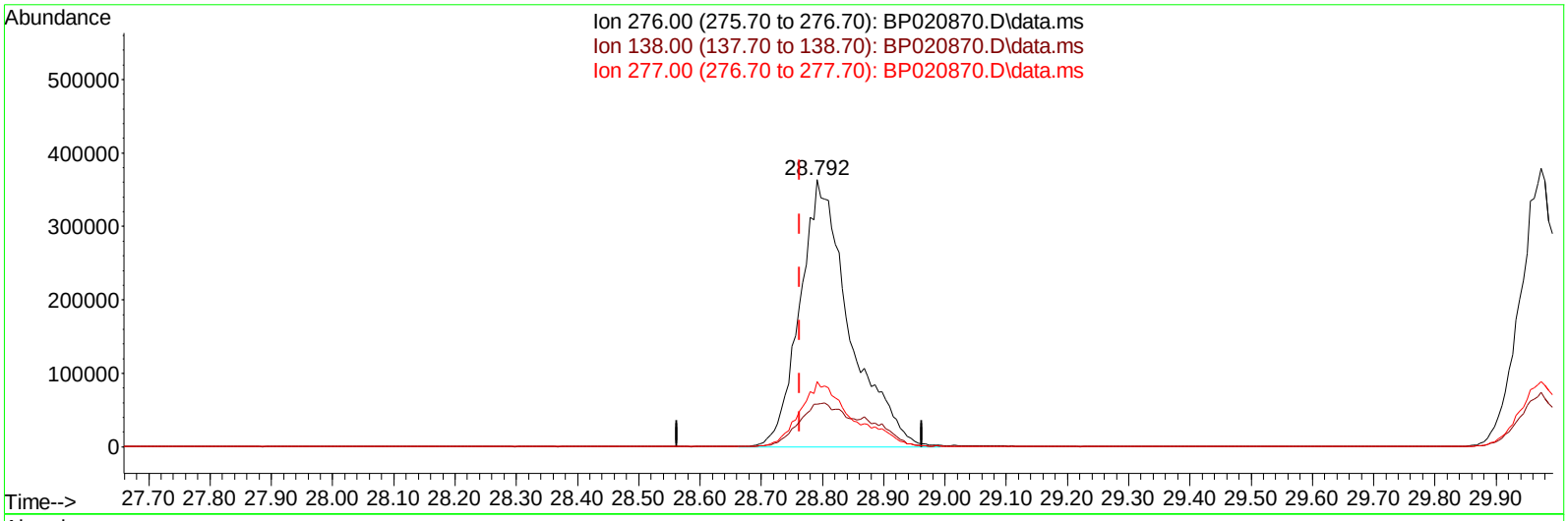
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020870.D
Acq On : 09 Jul 2024 19:52
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

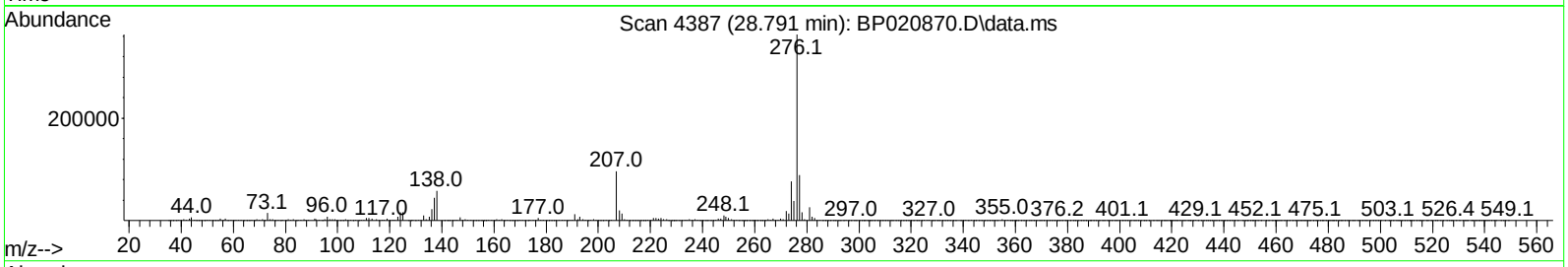
Quant Time: Jul 10 02:29:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

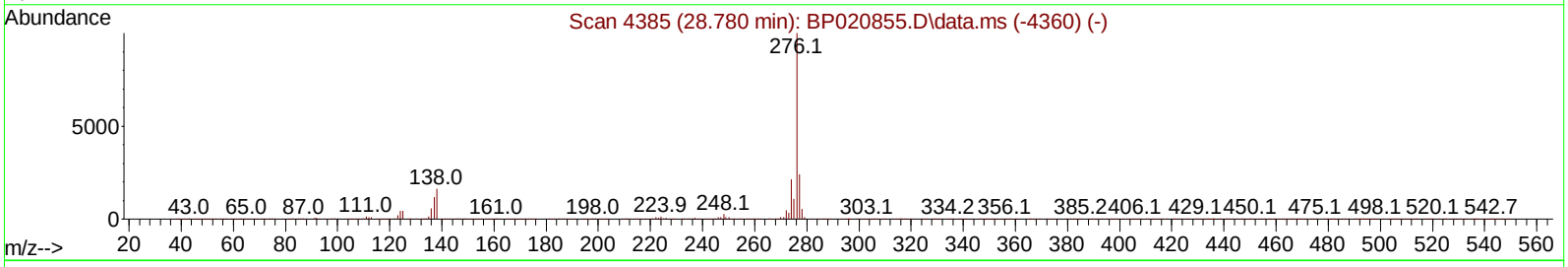
Instrument :
BNA_P
ClientSampleId :
SSTD020679

Manual Integrations APPROVED

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







TIC: BP020870.D\data.ms

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

28.791min (+ 0.029) 17.72 ng/ul m

response 2044199

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	16.03
277.00	23.70	24.36
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020870.D
Acq On : 09 Jul 2024 19:52
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	244360	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.487	136	1011802	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	674586	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1449397	20.000	ng/ul	0.01
79) Chrysene-d12	21.633	240	1367876	20.000	ng/ul	0.01
88) Perylene-d12	24.980	264	1572650	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	40442	7.107	ng/uL	0.00
4) Pyridine-d5	3.675	84	296136	17.856	ng/ul	0.00
7) Phenol-d5	6.916	99	365088	18.216	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	214318	16.868	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	307516	18.774	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	295402	18.148	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	145994	19.544	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	166425	22.263	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	309030	20.069	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	413963	19.183	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	886170	18.894	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160	1013955	18.117	ng/ul	0.01
54) 4-Nitrophenol-d4	14.610	143	150575	21.011	ng/ul	0.03
60) Fluorene-d10	15.375	176	758193	19.210	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	134900	18.469	ng/ul	0.02
73) Anthracene-d10	17.274	188	1190088	18.295	ng/ul	0.01
81) Pyrene-d10	19.657	212	1428724	17.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	1417913	18.535	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	44464	6.982	ng/uL	95
5) Pyridine	3.693	79	301768	17.566	ng/ul	99
6) Benzaldehyde	6.887	77	226495	22.347	ng/ul	97
8) Phenol	6.946	94	368098	18.010	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.157	93	296964	17.550	ng/ul	97
12) 2-Chlorophenol	7.304	128	306116	18.590	ng/ul	98
13) 2-Methylphenol	8.169	108	282134	17.992	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.234	45	424566	16.511	ng/ul	99
16) Acetophenone	8.546	105	458961	17.656	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.522	70	229236	16.590	ng/ul	98
18) 4-Methylphenol	8.493	108	303439	18.281	ng/ul	97
19) Hexachloroethane	8.787	117	129936	18.178	ng/ul	88
22) Nitrobenzene	8.916	77	348297	17.986	ng/ul	97
23) Isophorone	9.440	82	658286	17.156	ng/ul	99
25) 2-Nitrophenol	9.616	139	177335	21.966	ng/ul	94
26) 2,4-Dimethylphenol	9.681	107	330360	17.570	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.910	93	397671	17.422	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	300849	19.739	ng/ul	98
30) Naphthalene	10.545	128	973058	17.968	ng/ul	99
32) 4-Chloroaniline	10.657	127	389173	18.731	ng/ul	99
33) Hexachlorobutadiene	10.804	225	217536	19.091	ng/ul	97
34) Caprolactam	11.451	113	95956m	20.688	ng/ul	
35) 4-Chloro-3-methylphenol	11.792	107	328145	19.500	ng/ul	97

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BNA_P
ClientSampleId :
SSTD020679

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.145	142	665915	18.356	ng/ul	99
37) 1-Methylnaphthalene	12.381	142	682948	18.416	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.522	216	398939	18.497	ng/ul	98
40) Hexachlorocyclopentadiene	12.486	237	160233	11.936	ng/ul	100
41) 2,4,6-Trichlorophenol	12.781	196	253765	19.723	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	273612	20.504	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	894357	17.728	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	712404	17.929	ng/ul	98
45) 2-Nitroaniline	13.439	65	207146	20.697	ng/ul	94
47) Dimethylphthalate	13.816	163	899030	18.817	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	188474	22.123	ng/ul	95
50) Acenaphthylene	14.081	152	1139208	18.020	ng/ul	100
51) 3-Nitroaniline	14.281	138	192301	24.286	ng/ul	94
52) Acenaphthene	14.428	153	751594	17.922	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	76637	17.342	ng/ul	97
55) 4-Nitrophenol	14.622	109	122088	19.037	ng/ul	97
56) Dibenzofuran	14.769	168	1044518	18.484	ng/ul	98
57) 2,4-Dinitrotoluene	14.751	165	273247	23.235	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.004	232	239846	21.762	ng/ul#	92
59) Diethylphthalate	15.198	149	902439	19.149	ng/ul	98
61) Fluorene	15.428	166	852489	18.776	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	447327	18.880	ng/ul	97
63) 4-Nitroaniline	15.469	138	204804m	27.253	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.528	198	144429	18.459	ng/ul	93
67) N-Nitrosodiphenylamine	15.645	169	739655	17.304	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	295356	18.269	ng/ul	96
69) Hexachlorobenzene	16.457	284	343080	18.957	ng/ul	93
70) Atrazine	16.627	200	290101	19.252	ng/ul	99
71) Pentachlorophenol	16.822	266	195613	18.774	ng/ul	94
72) Phenanthrene	17.222	178	1366846	18.009	ng/ul	100
74) Anthracene	17.310	178	1405617	18.004	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	394985	16.788	ng/uL	98
76) Pentachlorobenzene	14.680	250	394315	17.585	ng/uL	99
77) Carbazole	17.598	167	1260815	19.568	ng/ul	100
78) Di-n-butylphthalate	18.186	149	1590414	19.005	ng/ul	100
80) Fluoranthene	19.310	202	1679159	16.728	ng/ul	99
82) Pyrene	19.692	202	1725649	16.763	ng/ul	100
83) Butylbenzylphthalate	20.633	149	748595	19.583	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	557624	18.438	ng/ul	97
85) Benzo(a)anthracene	21.610	228	1735243	18.099	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1068761	18.007	ng/ul	98
87) Chrysene	21.680	228	1641555	18.114	ng/ul	99
89) Di-n-octyl phthalate	22.815	149	1859563	18.419	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	1729479	18.153	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	1693778	17.575	ng/ul	99
93) Benzo(a)pyrene	24.833	252	1643356	18.272	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.791	276	2044199m	17.721	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	1688459	17.809	ng/ul	98
96) Benzo(g,h,i)perylene	29.974	276	1649843	17.517	ng/ul	99

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