Quantitation Report (QT Reviewed)

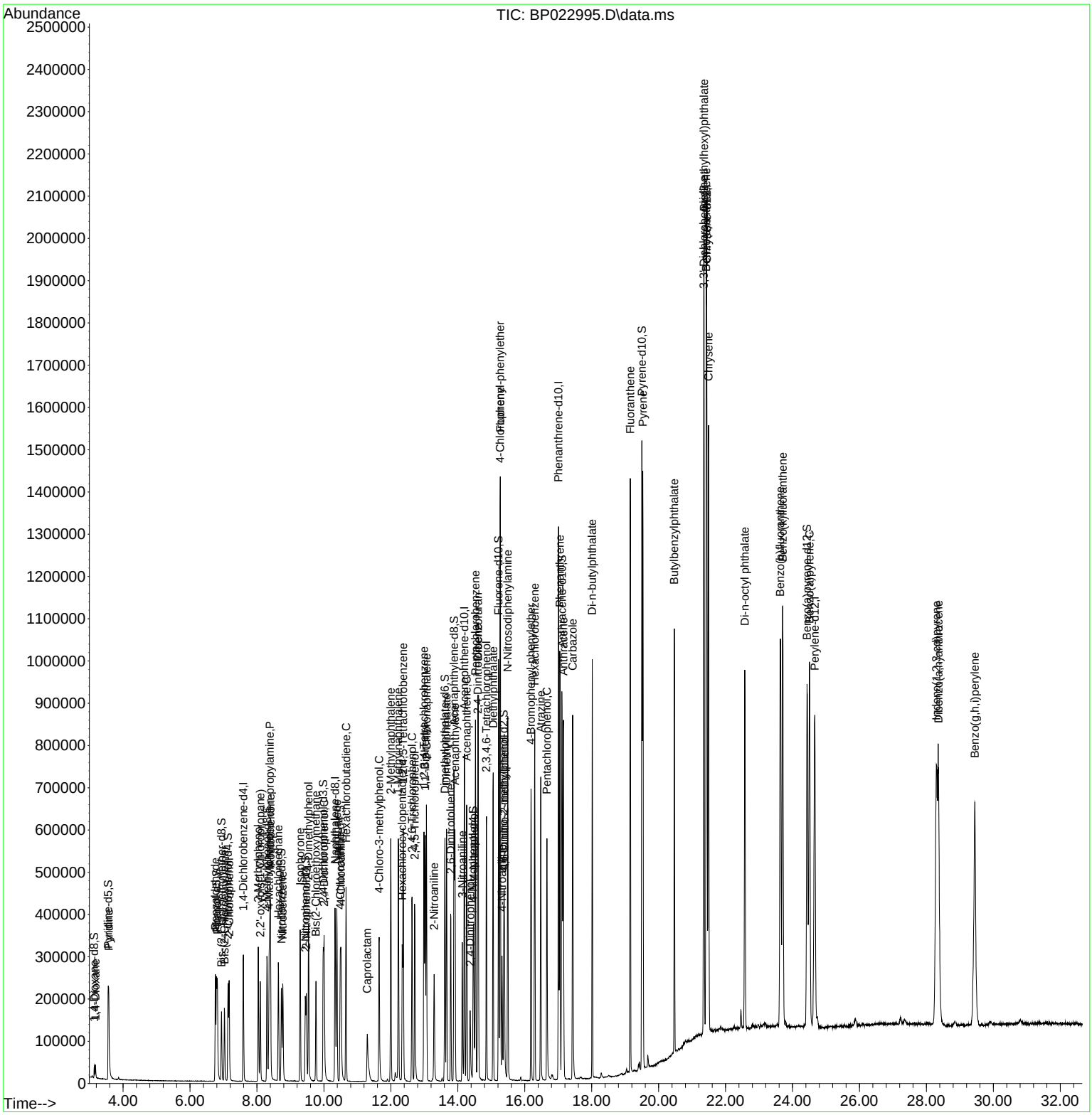
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022995.D
Acq On : 10 Nov 2024 11:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 83 Sample Multiplier: 1

Quant Time: Nov 10 23:02:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020708

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024



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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	82200	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	326428	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.198	164	270132	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.010	188	699788	20.000	ng/ul	-0.02
79) Chrysene-d12	21.439	240	792742	20.000	ng/ul	-0.02
88) Perylene-d12	24.668	264	920291	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	13891	8.123	ng/uL	0.00
4) Pyridine-d5	3.552	84	101809	20.038	ng/ul	0.00
7) Phenol-d5	6.793	99	122013	20.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	71882	20.132	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	92270	20.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	101801	20.356	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	47273	20.802	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	56301	20.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	118109	20.817	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.487	131	136269	20.132	ng/ul	-0.01
46) Dimethylphthalate-d6	13.616	166	398355	20.461	ng/ul	0.00
49) Acenaphthylene-d8	13.887	160	428719	21.104	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.457	143	57891	19.786	ng/ul	-0.01
60) Fluorene-d10	15.216	176	356168	20.866	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.375	200	81751	19.501	ng/ul	0.00
73) Anthracene-d10	17.110	188	608338	20.531	ng/ul	-0.01
81) Pyrene-d10	19.498	212	777623	21.296	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.433	264	927210	21.151	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	14478	7.327	ng/uL	96
5) Pyridine	3.575	79	101910	19.972	ng/ul	95
6) Benzaldehyde	6.758	77	84843	24.260	ng/ul	93
8) Phenol	6.816	94	126302	19.902	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.028	93	96368	20.208	ng/ul	96
12) 2-Chlorophenol	7.169	128	95060	20.571	ng/ul	98
13) 2-Methylphenol	8.040	108	95076	20.070	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.099	45	109565	20.295	ng/ul	97
16) Acetophenone	8.405	105	175090	20.835	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.387	70	86944	20.720	ng/ul	99
18) 4-Methylphenol	8.363	108	106185	20.294	ng/ul	98
19) Hexachloroethane	8.640	117	43904	19.645	ng/ul	98
22) Nitrobenzene	8.769	77	135388	20.763	ng/ul	97
23) Isophorone	9.293	82	244641	20.982	ng/ul	99
25) 2-Nitrophenol	9.475	139	60305	21.089	ng/ul	91
26) 2,4-Dimethylphenol	9.540	107	127570	20.659	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.763	93	135603	21.137	ng/ul	95
29) 2,4-Dichlorophenol	10.010	162	116497	20.730	ng/ul	99
30) Naphthalene	10.387	128	323356	20.390	ng/ul	97
32) 4-Chloroaniline	10.510	127	132252	20.168	ng/ul	93
33) Hexachlorobutadiene	10.663	225	99388	19.545	ng/ul	99
34) Caprolactam	11.293	113	34851m	20.849	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	130263	21.546	ng/ul	100
36) 2-Methylnaphthalene	11.998	142	245921	20.540	ng/ul	99

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Sample : SSTDCCC020
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020708

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 10 23:02:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.222	142	247231	20.200	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.369	216	188029	20.618	ng/ul	98
40)	Hexachlorocyclopentadiene	12.340	237	89019	18.584	ng/ul	97
41)	2,4,6-Trichlorophenol	12.634	196	115659	20.827	ng/ul	99
42)	2,4,5-Trichlorophenol	12.710	196	125731	21.002	ng/ul	92
43)	1,1'-Biphenyl	13.028	154	360091	20.803	ng/ul	100
44)	2-Chloronaphthalene	13.063	162	297035	20.993	ng/ul	99
45)	2-Nitroaniline	13.293	65	84085	21.164	ng/ul	96
47)	Dimethylphthalate	13.663	163	394153	20.528	ng/ul	98
48)	2,6-Dinitrotoluene	13.792	165	80969	21.679	ng/ul	94
50)	Acenaphthylene	13.916	152	434550	21.162	ng/ul	99
51)	3-Nitroaniline	14.134	138	69379	21.567	ng/ul	97
52)	Acenaphthene	14.269	153	307409	20.620	ng/ul	96
53)	2,4-Dinitrophenol	14.369	184	47587	17.957	ng/ul	98
55)	4-Nitrophenol	14.469	109	67172	19.623	ng/ul	94
56)	Dibenzofuran	14.610	168	471910	20.488	ng/ul	96
57)	2,4-Dinitrotoluene	14.598	165	126940	21.325	ng/ul#	95
58)	2,3,4,6-Tetrachlorophenol	14.857	232	124547	21.283	ng/ul	99
59)	Diethylphthalate	15.057	149	389515	20.512	ng/ul	99
61)	Fluorene	15.269	166	391136	20.747	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.263	204	226049	20.364	ng/ul	99
63)	4-Nitroaniline	15.322	138	71648m	23.936	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.392	198	87429	19.524	ng/ul	98
67)	N-Nitrosodiphenylamine	15.492	169	334659	20.696	ng/ul	99
68)	4-Bromophenyl-phenylether	16.186	248	160620	20.269	ng/ul	100
69)	Hexachlorobenzene	16.298	284	199438	19.992	ng/ul	96
70)	Atrazine	16.481	200	153015	19.576	ng/ul	98
71)	Pentachlorophenol	16.663	266	117781	19.017	ng/ul	98
72)	Phenanthrene	17.051	178	684090	20.705	ng/ul	99
74)	Anthracene	17.157	178	679998	20.470	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	12.993	216	184694	19.990	ng/uL	98
76)	Pentachlorobenzene	14.528	250	215534	20.430	ng/uL	99
77)	Carbazole	17.433	167	590527	20.375	ng/ul	99
78)	Di-n-butylphthalate	18.016	149	654371	20.346	ng/ul	99
80)	Fluoranthene	19.151	202	905764	21.532	ng/ul	99
82)	Pyrene	19.527	202	947385	20.964	ng/ul	99
83)	Butylbenzylphthalate	20.469	149	317119	21.314	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.351	252	377710	21.226	ng/ul	100
85)	Benzo(a)anthracene	21.422	228	1010697	20.880	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.357	149	449072	21.239	ng/ul	99
87)	Chrysene	21.492	228	933312	20.491	ng/ul	99
89)	Di-n-octyl phthalate	22.574	149	746288	19.988	ng/ul	100
90)	Benzo(b)fluoranthene	23.633	252	1082066	21.124	ng/ul	99
91)	Benzo(k)fluoranthene	23.710	252	1048420	20.791	ng/ul#	98
93)	Benzo(a)pyrene	24.510	252	982912	21.227	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.298	276	1311700	20.332	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.362	278	1046178m	19.972	ng/ul	
96)	Benzo(g,h,i)perylene	29.445	276	990075	20.205	ng/ul	99

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

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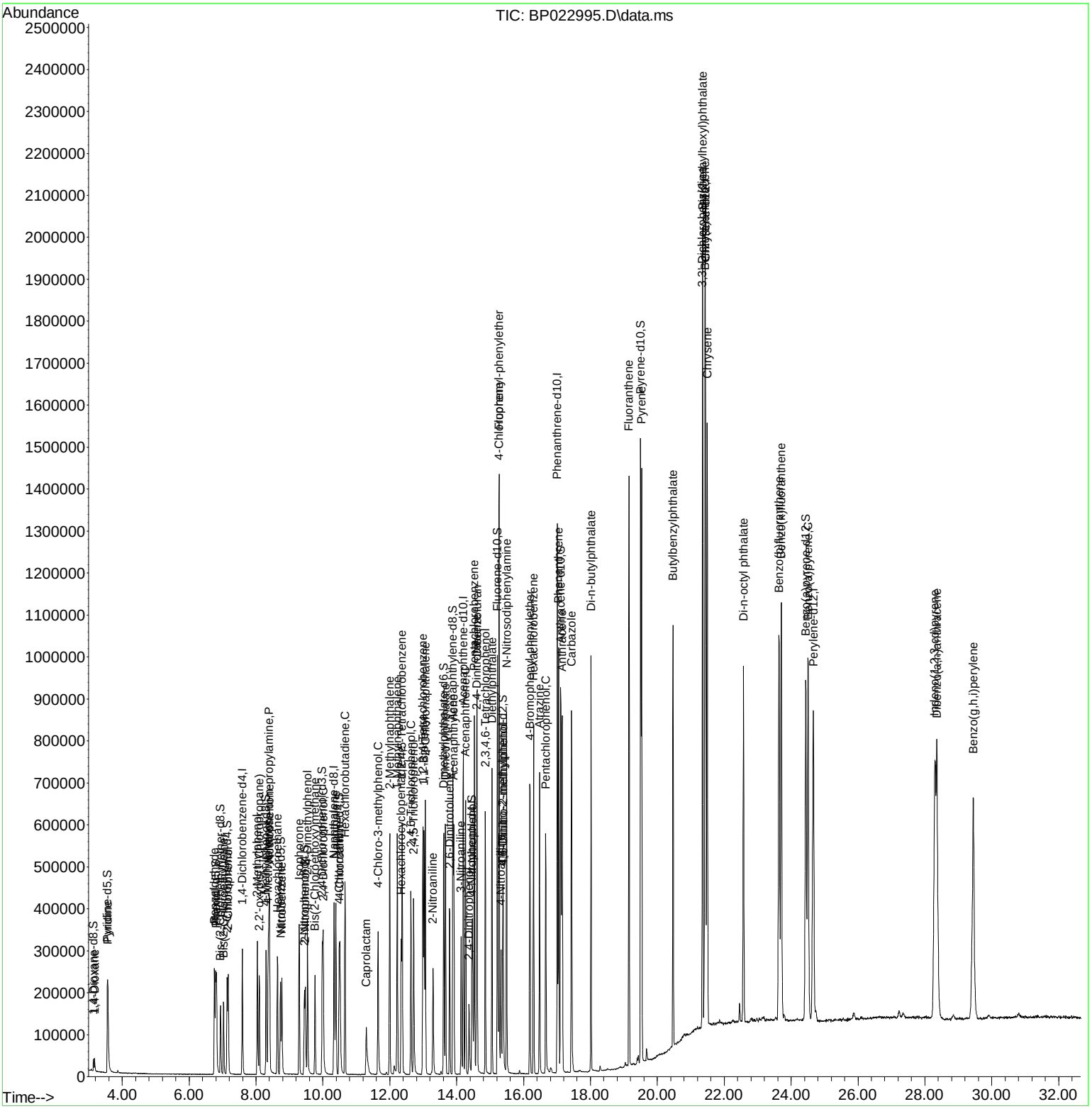
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 83 Sample Multiplier: 1

Quant Time: Nov 10 23:02:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020708

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022995.D
Acq On : 10 Nov 2024 11:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 83 Sample Multiplier: 1

Quant Time: Nov 10 22:38:46 2024
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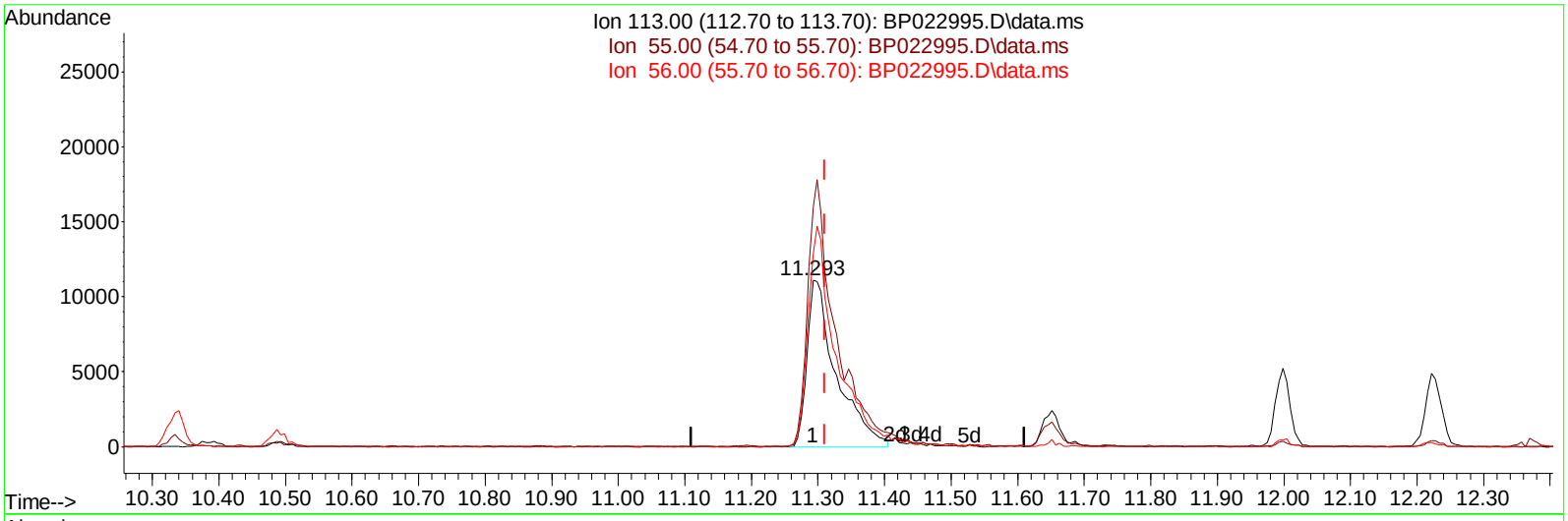

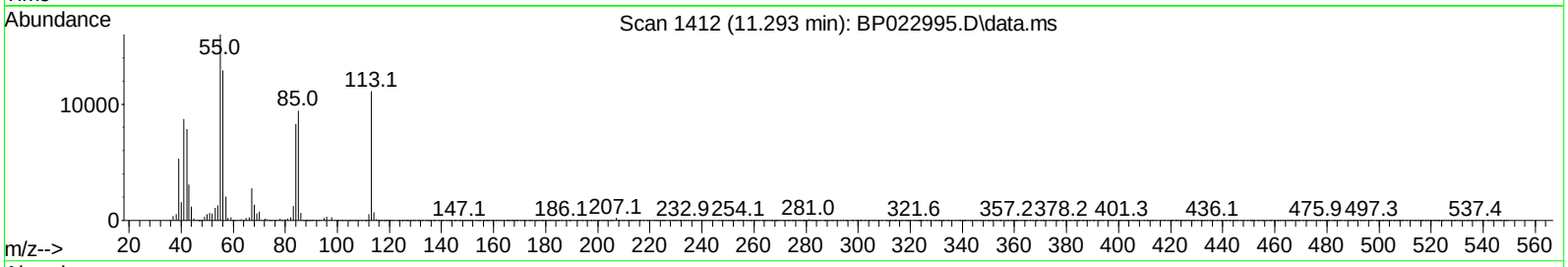

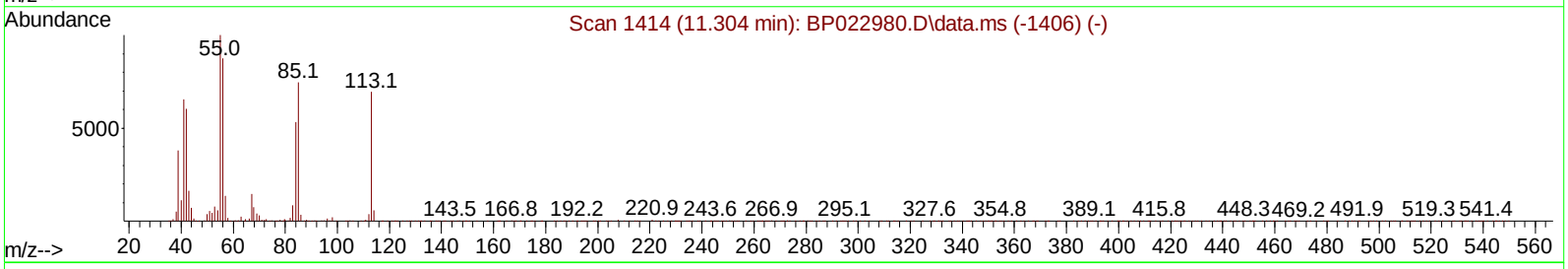

TIC: BP022995.D\data.ms

(34) Caprolactam

11.293min (-0.018) 20.26 ng/ul

response 33858

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	144.00
56.00	124.80	116.25
0.00	0.00	0.00

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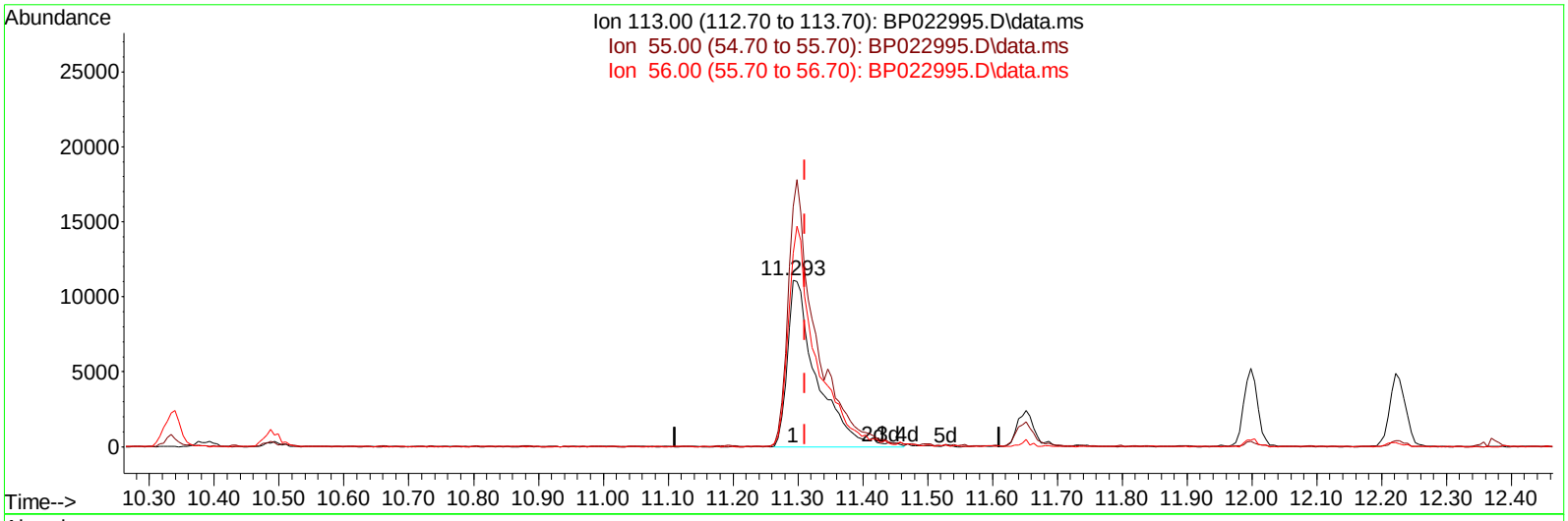

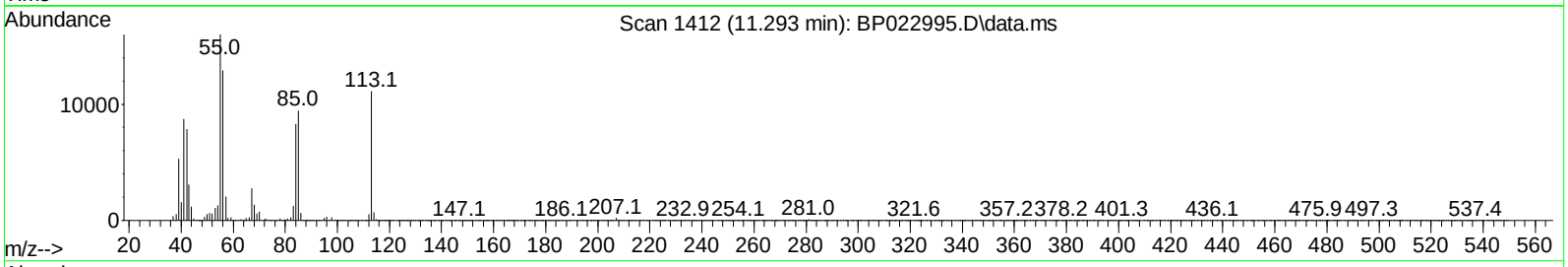

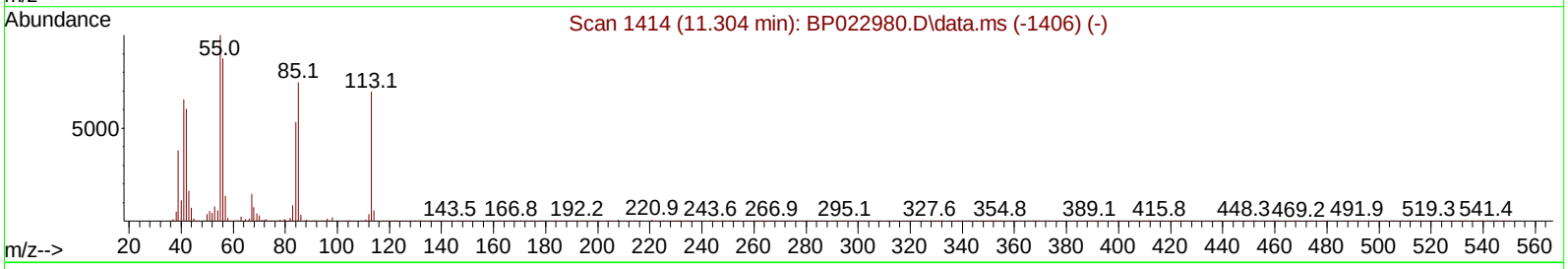

TIC: BP022995.D\data.ms

(34) Caprolactam

11.293min (-0.018) 20.85 ng/ul m

response 34851

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	144.00
56.00	124.80	116.25
0.00	0.00	0.00

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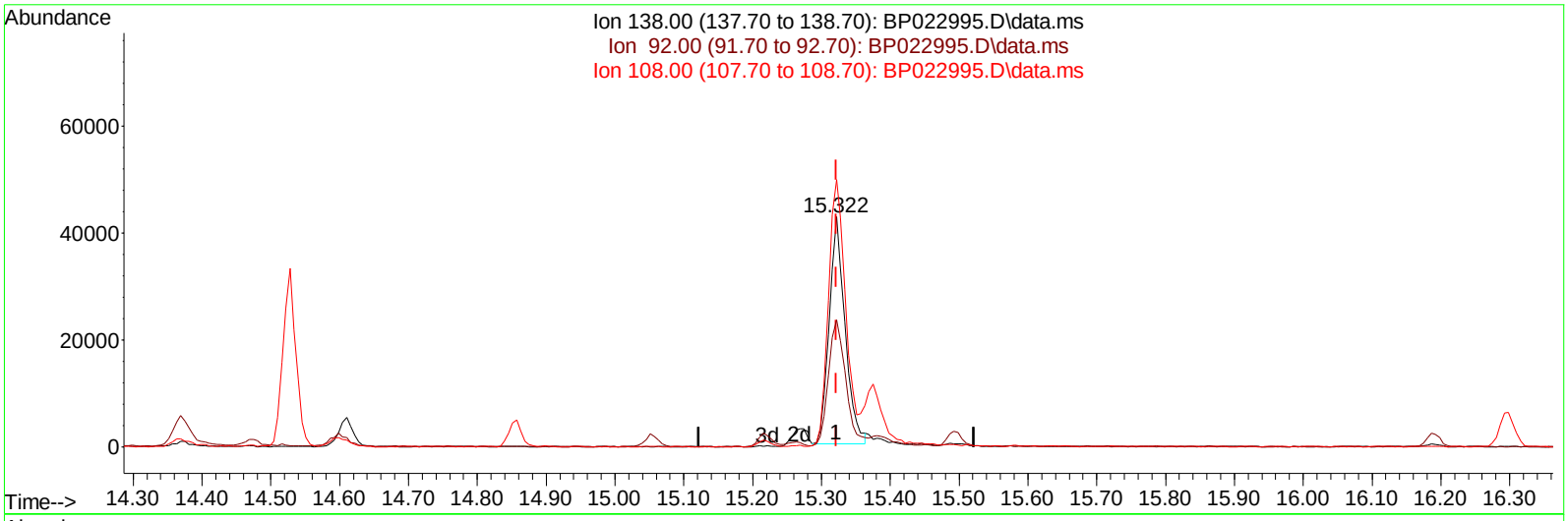

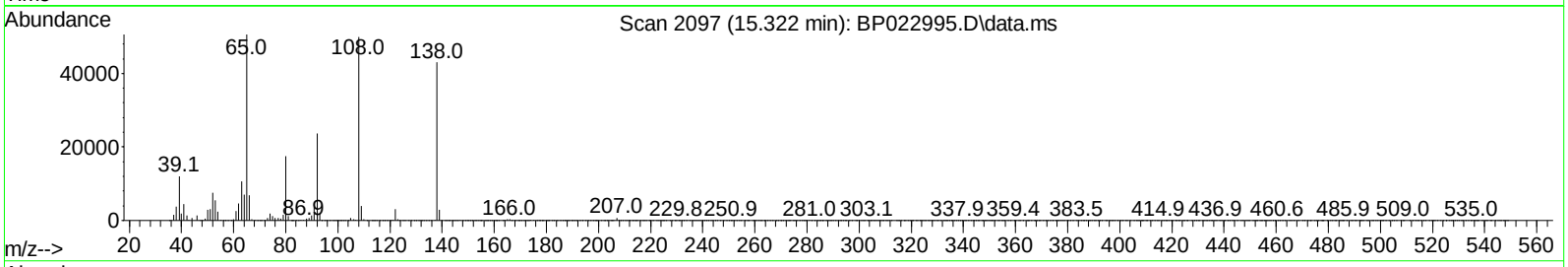

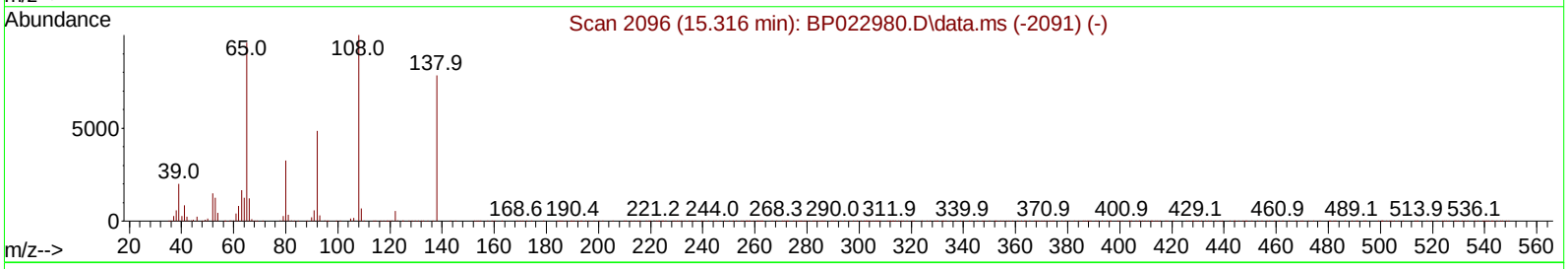

TIC: BP022995.D\data.ms

(63) 4-Nitroaniline

15.322min (+ 0.000) 22.60 ng/ul

response 67637

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	67.40	55.07
108.00	133.20	116.13
0.00	0.00	0.00

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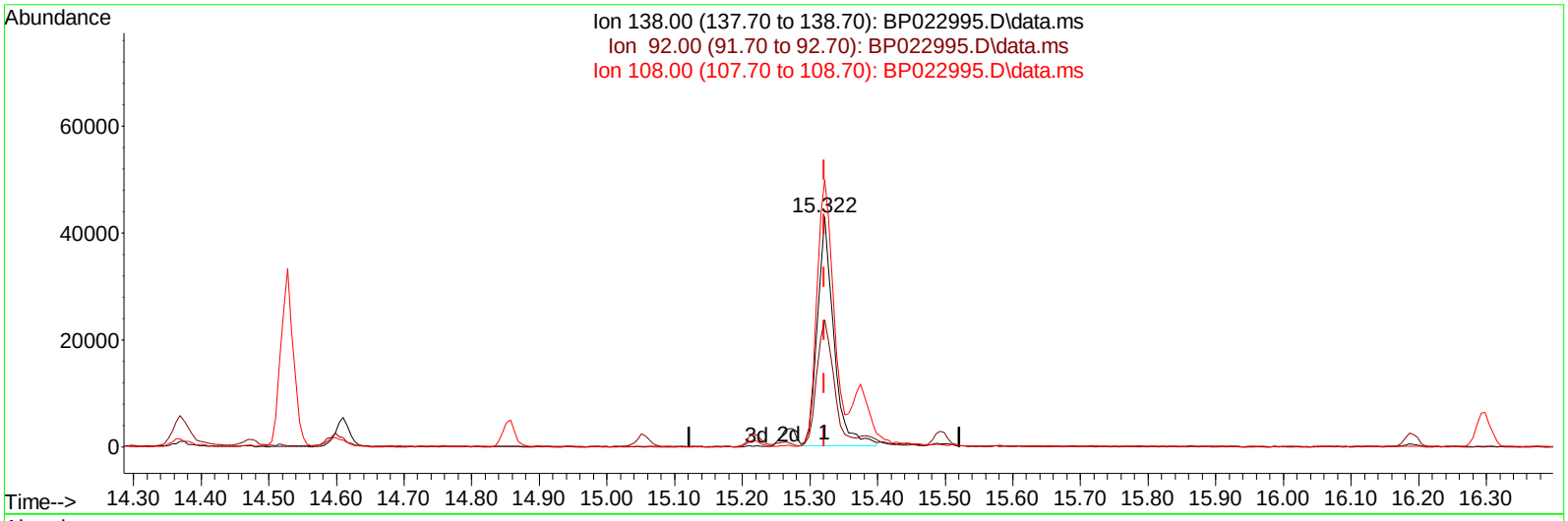

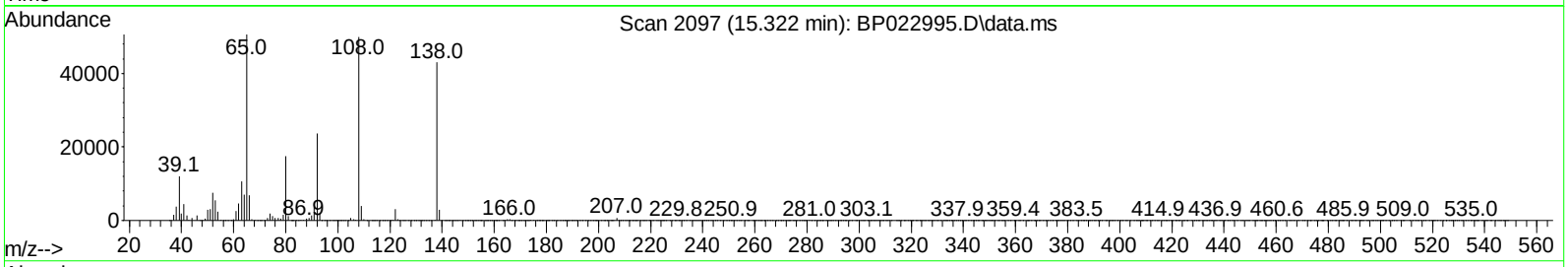

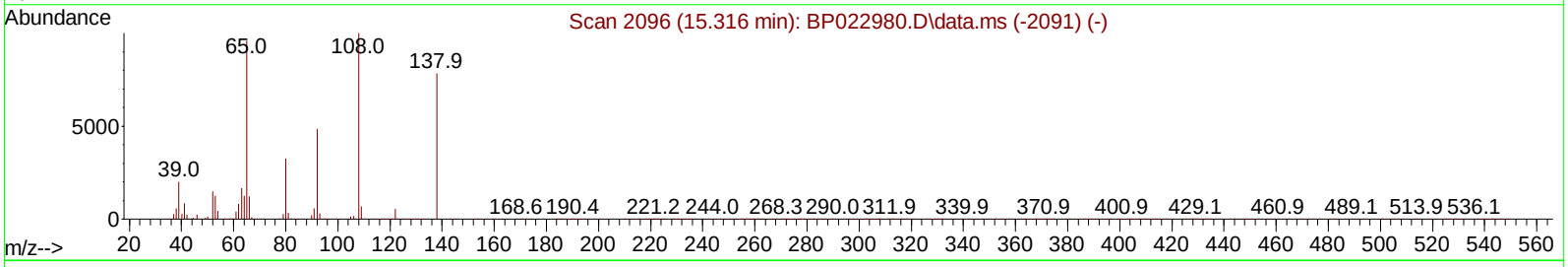

TIC: BP022995.D\data.ms

(63) 4-Nitroaniline

15.322min (+ 0.000) 23.94 ng/ul m

response 71648

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	67.40	55.07
108.00	133.20	116.13
0.00	0.00	0.00

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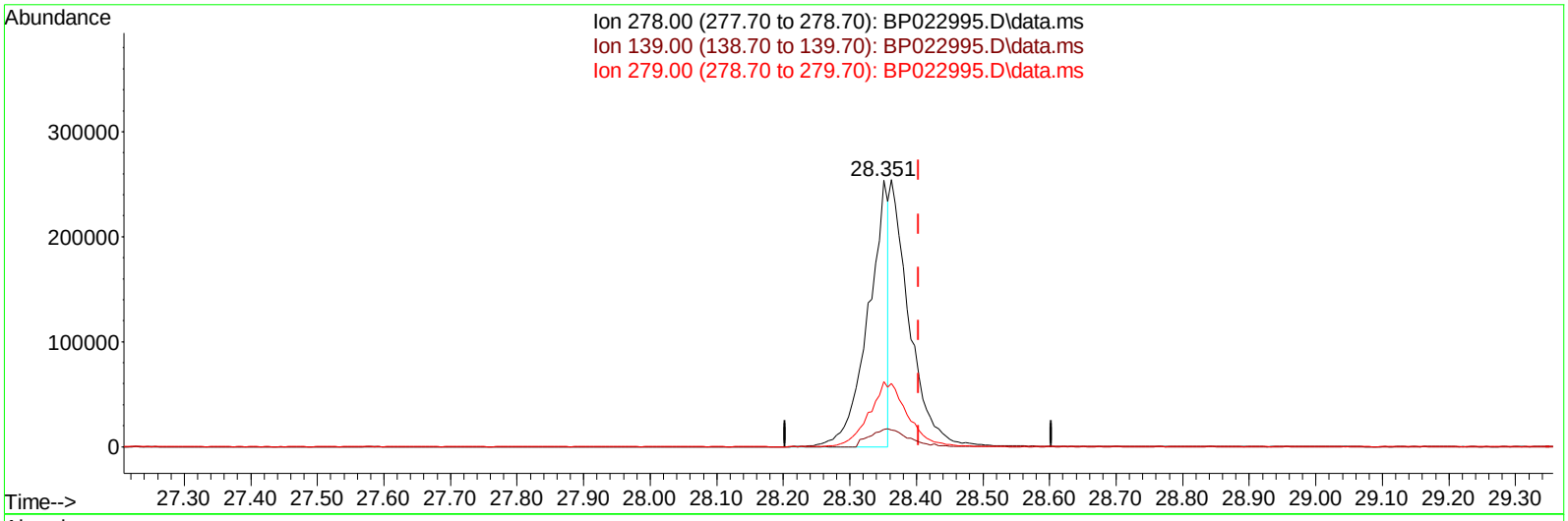
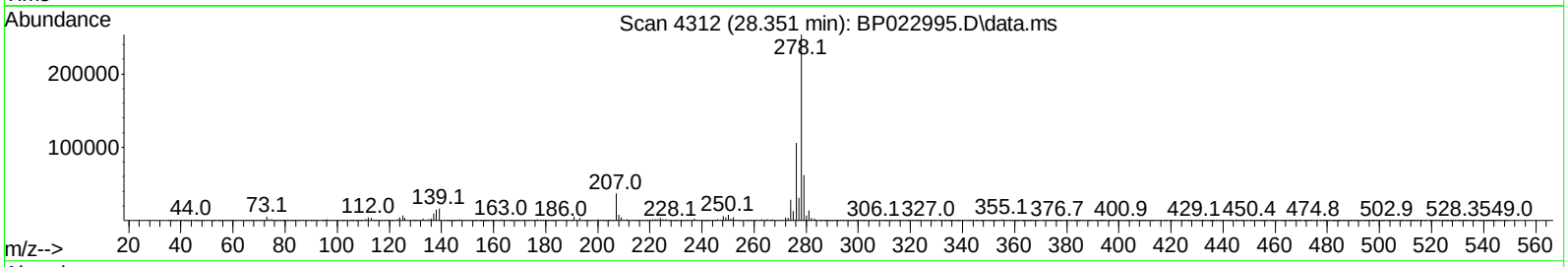
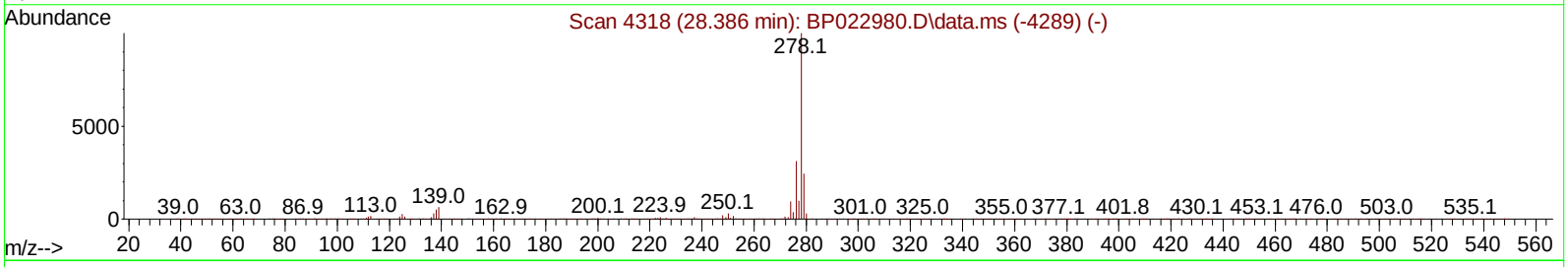






TIC: BP022995.D\data.ms

(95) Dibenzo(a,h)anthracene

28.351min (-0.053) 10.10 ng/ul

response 528893

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.70	6.49
279.00	24.30	24.37
0.00	0.00	0.00

Quantitation Report (Qedit)

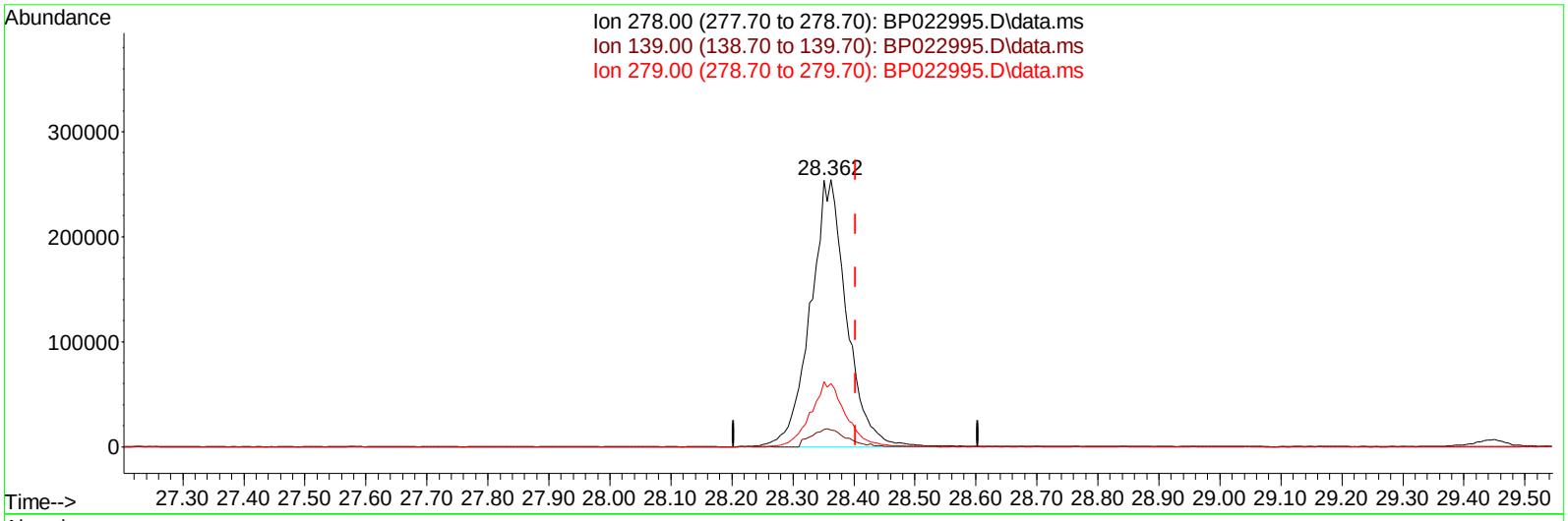
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022995.D
Acq On : 10 Nov 2024 11:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 83 Sample Multiplier: 1

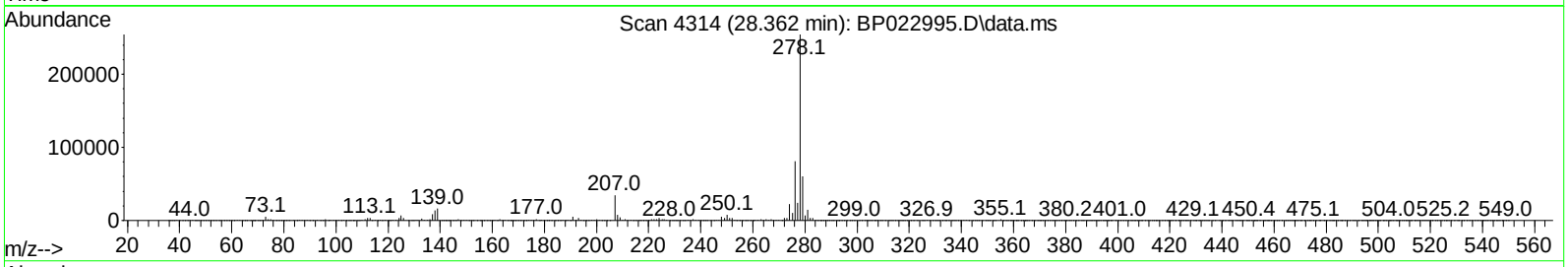
Quant Time: Nov 10 22:38:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

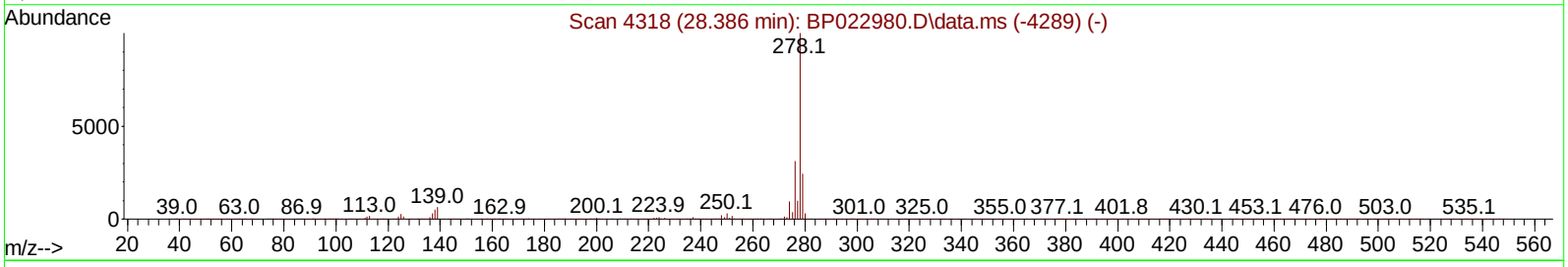
Instrument :
BNA_P
ClientSampleId :
SSTD020708

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BP022995.D\data.ms

(95) Dibenzo(a,h)anthracene

28.362min (-0.041) 19.97 ng/ul m

response 1046178

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.70	6.34
279.00	24.30	23.72
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022995.D
Acq On : 10 Nov 2024 11:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 83 Sample Multiplier: 1

Quant Time: Nov 10 23:02:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020708

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	82200	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	326428	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.198	164	270132	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.010	188	699788	20.000	ng/ul	-0.02
79) Chrysene-d12	21.439	240	792742	20.000	ng/ul	-0.02
88) Perylene-d12	24.668	264	920291	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	13891	8.123	ng/uL	0.00
4) Pyridine-d5	3.552	84	101809	20.038	ng/ul	0.00
7) Phenol-d5	6.793	99	122013	20.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	71882	20.132	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	92270	20.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.299	113	101801	20.356	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	47273	20.802	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	56301	20.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	118109	20.817	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.487	131	136269	20.132	ng/ul	-0.01
46) Dimethylphthalate-d6	13.616	166	398355	20.461	ng/ul	0.00
49) Acenaphthylene-d8	13.887	160	428719	21.104	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.457	143	57891	19.786	ng/ul	-0.01
60) Fluorene-d10	15.216	176	356168	20.866	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.375	200	81751	19.501	ng/ul	0.00
73) Anthracene-d10	17.110	188	608338	20.531	ng/ul	-0.01
81) Pyrene-d10	19.498	212	777623	21.296	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.433	264	927210	21.151	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	14478	7.327	ng/uL	96
5) Pyridine	3.575	79	101910	19.972	ng/ul	95
6) Benzaldehyde	6.758	77	84843	24.260	ng/ul	93
8) Phenol	6.816	94	126302	19.902	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.028	93	96368	20.208	ng/ul	96
12) 2-Chlorophenol	7.169	128	95060	20.571	ng/ul	98
13) 2-Methylphenol	8.040	108	95076	20.070	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.099	45	109565	20.295	ng/ul	97
16) Acetophenone	8.405	105	175090	20.835	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.387	70	86944	20.720	ng/ul	99
18) 4-Methylphenol	8.363	108	106185	20.294	ng/ul	98
19) Hexachloroethane	8.640	117	43904	19.645	ng/ul	98
22) Nitrobenzene	8.769	77	135388	20.763	ng/ul	97
23) Isophorone	9.293	82	244641	20.982	ng/ul	99
25) 2-Nitrophenol	9.475	139	60305	21.089	ng/ul	91
26) 2,4-Dimethylphenol	9.540	107	127570	20.659	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.763	93	135603	21.137	ng/ul	95
29) 2,4-Dichlorophenol	10.010	162	116497	20.730	ng/ul	99
30) Naphthalene	10.387	128	323356	20.390	ng/ul	97
32) 4-Chloroaniline	10.510	127	132252	20.168	ng/ul	93
33) Hexachlorobutadiene	10.663	225	99388	19.545	ng/ul	99
34) Caprolactam	11.293	113	34851m	20.849	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	130263	21.546	ng/ul	100

Quantitation Report (QT Reviewed)

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Data File : BP022995.D
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020708

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.998	142	245921	20.540	ng/ul	99
37) 1-Methylnaphthalene	12.222	142	247231	20.200	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.369	216	188029	20.618	ng/ul	98
40) Hexachlorocyclopentadiene	12.340	237	89019	18.584	ng/ul	97
41) 2,4,6-Trichlorophenol	12.634	196	115659	20.827	ng/ul	99
42) 2,4,5-Trichlorophenol	12.710	196	125731	21.002	ng/ul	92
43) 1,1'-Biphenyl	13.028	154	360091	20.803	ng/ul	100
44) 2-Chloronaphthalene	13.063	162	297035	20.993	ng/ul	99
45) 2-Nitroaniline	13.293	65	84085	21.164	ng/ul	96
47) Dimethylphthalate	13.663	163	394153	20.528	ng/ul	98
48) 2,6-Dinitrotoluene	13.792	165	80969	21.679	ng/ul	94
50) Acenaphthylene	13.916	152	434550	21.162	ng/ul	99
51) 3-Nitroaniline	14.134	138	69379	21.567	ng/ul	97
52) Acenaphthene	14.269	153	307409	20.620	ng/ul	96
53) 2,4-Dinitrophenol	14.369	184	47587	17.957	ng/ul	98
55) 4-Nitrophenol	14.469	109	67172	19.623	ng/ul	94
56) Dibenzofuran	14.610	168	471910	20.488	ng/ul	96
57) 2,4-Dinitrotoluene	14.598	165	126940	21.325	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.857	232	124547	21.283	ng/ul	99
59) Diethylphthalate	15.057	149	389515	20.512	ng/ul	99
61) Fluorene	15.269	166	391136	20.747	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.263	204	226049	20.364	ng/ul	99
63) 4-Nitroaniline	15.322	138	71648m	23.936	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.392	198	87429	19.524	ng/ul	98
67) N-Nitrosodiphenylamine	15.492	169	334659	20.696	ng/ul	99
68) 4-Bromophenyl-phenylether	16.186	248	160620	20.269	ng/ul	100
69) Hexachlorobenzene	16.298	284	199438	19.992	ng/ul	96
70) Atrazine	16.481	200	153015	19.576	ng/ul	98
71) Pentachlorophenol	16.663	266	117781	19.017	ng/ul	98
72) Phenanthrene	17.051	178	684090	20.705	ng/ul	99
74) Anthracene	17.157	178	679998	20.470	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.993	216	184694	19.990	ng/uL	98
76) Pentachlorobenzene	14.528	250	215534	20.430	ng/uL	99
77) Carbazole	17.433	167	590527	20.375	ng/ul	99
78) Di-n-butylphthalate	18.016	149	654371	20.346	ng/ul	99
80) Fluoranthene	19.151	202	905764	21.532	ng/ul	99
82) Pyrene	19.527	202	947385	20.964	ng/ul	99
83) Butylbenzylphthalate	20.469	149	317119	21.314	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	377710	21.226	ng/ul	100
85) Benzo(a)anthracene	21.422	228	1010697	20.880	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	449072	21.239	ng/ul	99
87) Chrysene	21.492	228	933312	20.491	ng/ul	99
89) Di-n-octyl phthalate	22.574	149	746288	19.988	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1082066	21.124	ng/ul	99
91) Benzo(k)fluoranthene	23.710	252	1048420	20.791	ng/ul#	98
93) Benzo(a)pyrene	24.510	252	982912	21.227	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.298	276	1311700	20.332	ng/ul	98
95) Dibenzo(a,h)anthracene	28.362	278	1046178m	19.972	ng/ul	
96) Benzo(g,h,i)perylene	29.445	276	990075	20.205	ng/ul	99

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