

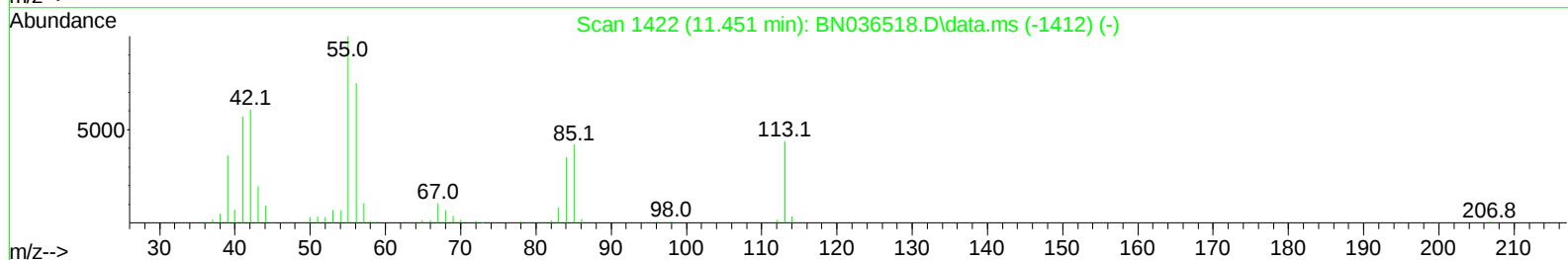
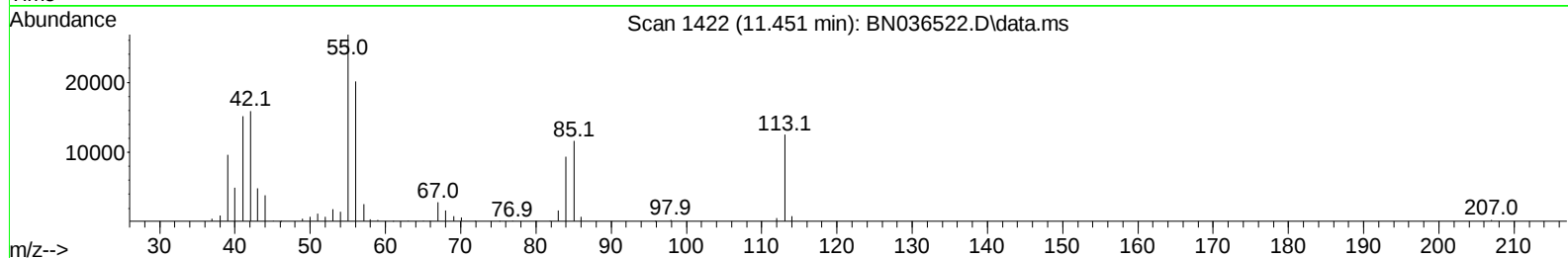
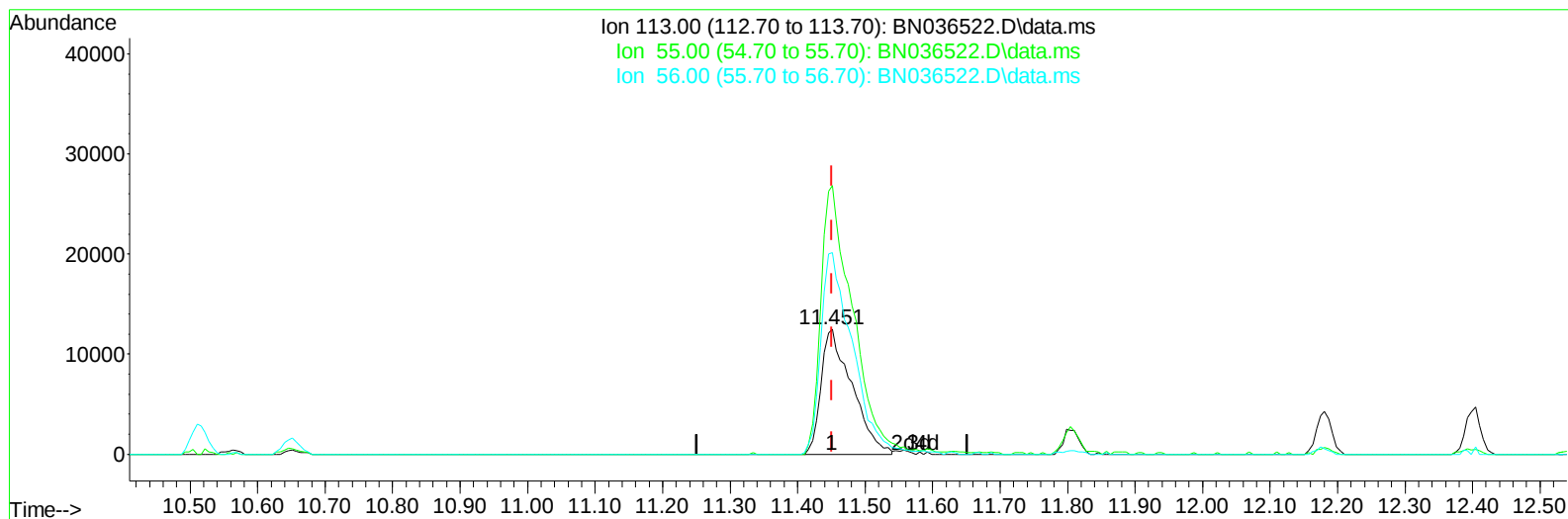
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022825\
Data File : BN036522.D
Acq On : 28 Feb 2025 18:59
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV209

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025

Quant Time: Mar 03 12:42:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 03 12:45:15 2025
Response via : Initial Calibration



TIC: BN036522.D\data.ms

(34) Caprolactam

11.451min (+ 0.000) 20.22 ng/ul

response 39669

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	228.50	214.28
56.00	171.60	160.98
0.00	0.00	0.00

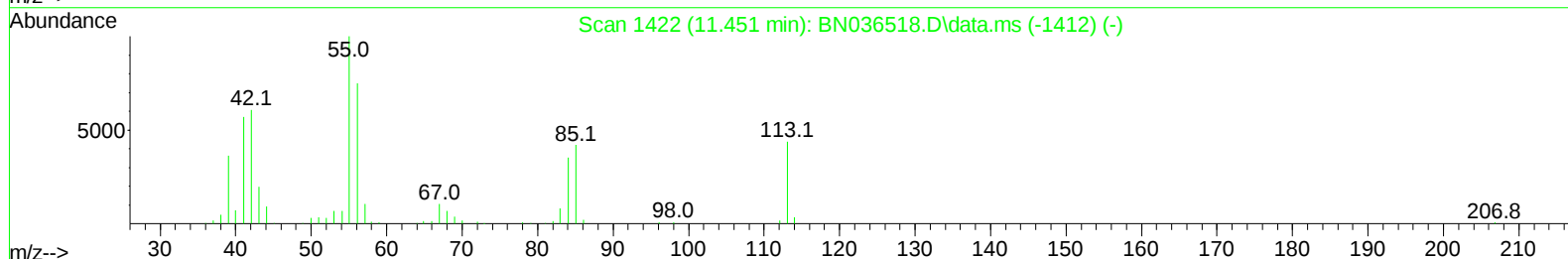
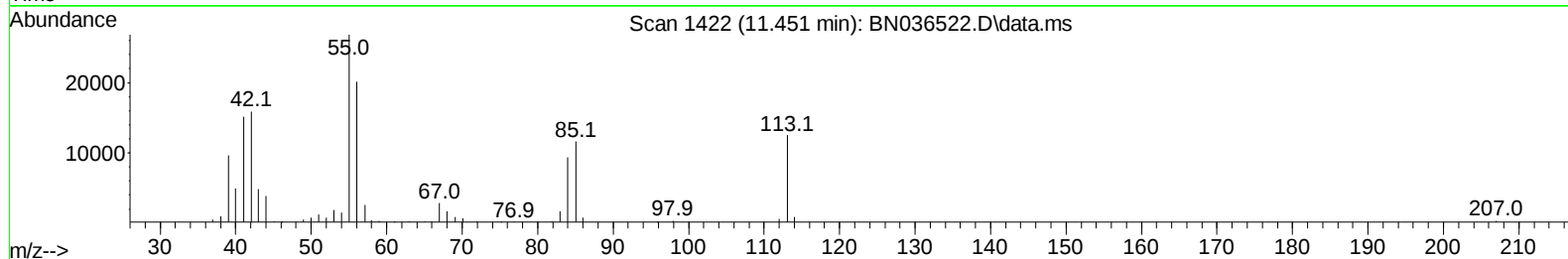
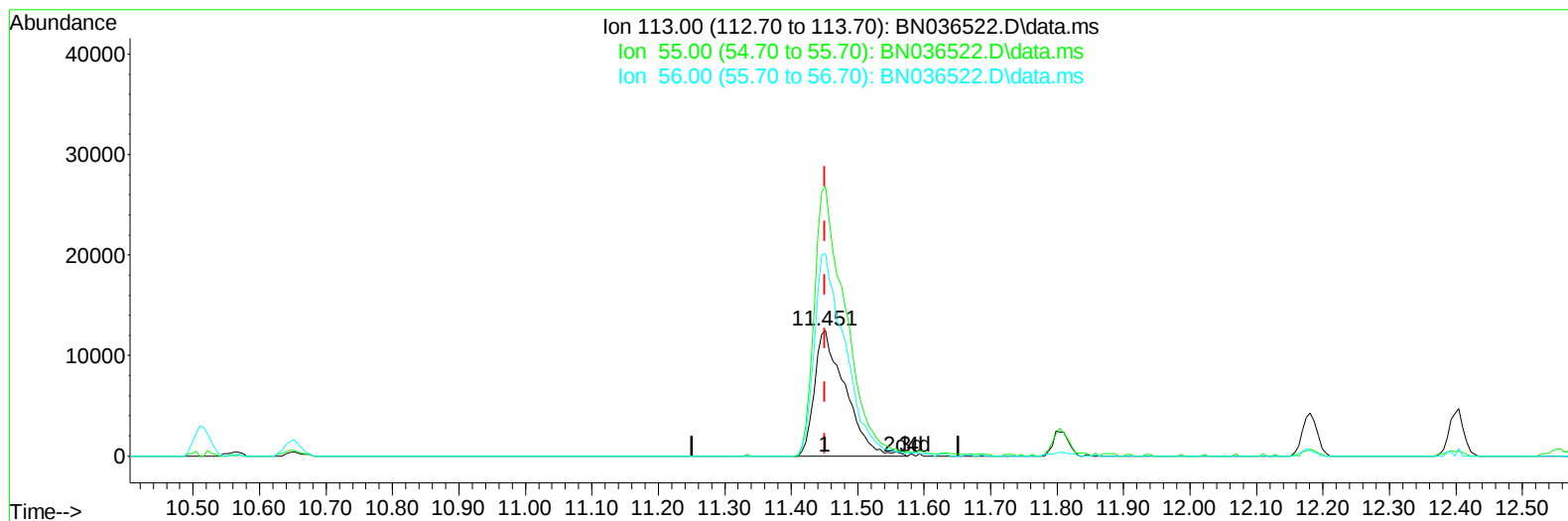
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TIC: BN036522.D\data.ms

(34) Caprolactam

11.451min (+ 0.000) 20.51 ng/ul m

response 40223

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	228.50	214.28
56.00	171.60	160.98
0.00	0.00	0.00

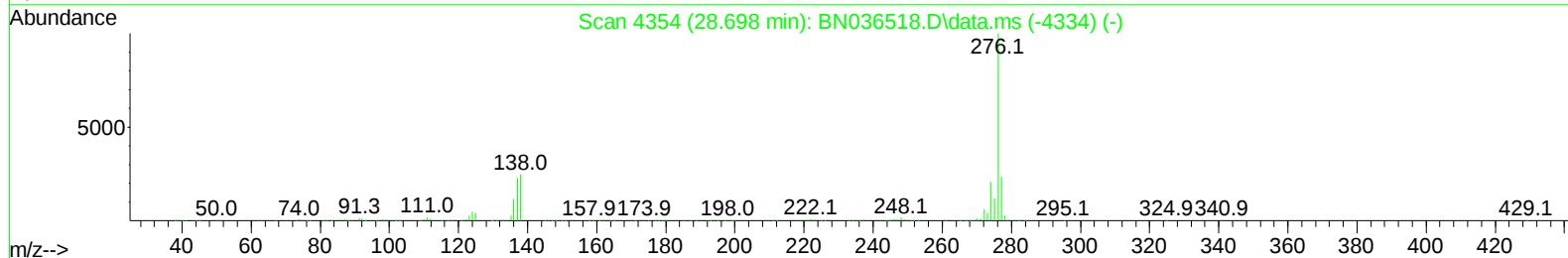
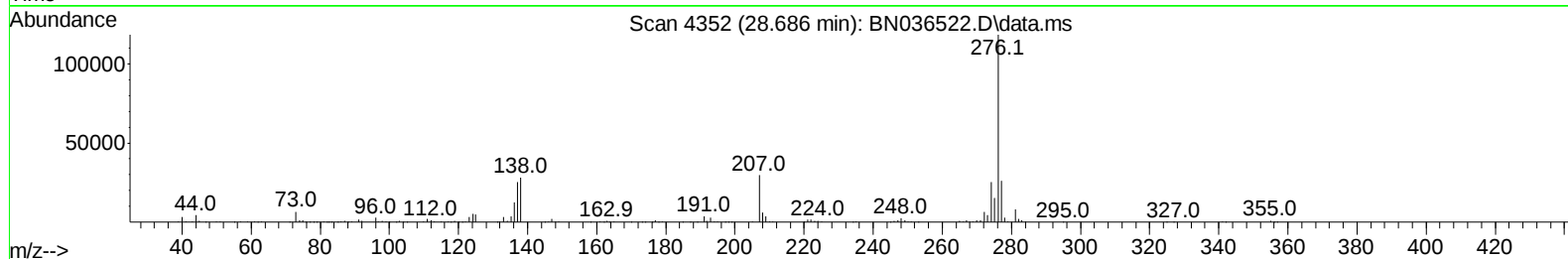
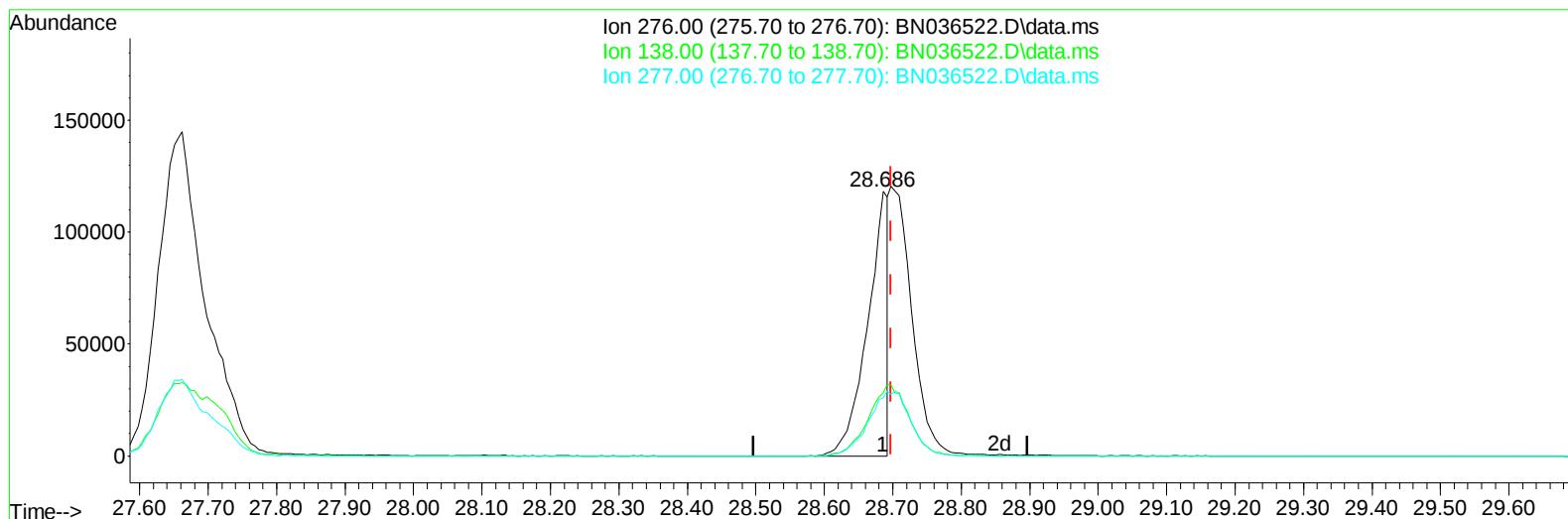
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Data File : BN036522.D
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Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SICV209

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Supervised By :Jagrut Upadhyay 03/03/2025



TIC: BN036522.D\data.ms

(96) Benzo(g,h,i)perylene

28.686min (-0.012) 8.84 ng/u1

response 246235

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.80	23.85
277.00	23.30	22.04
0.00	0.00	0.00

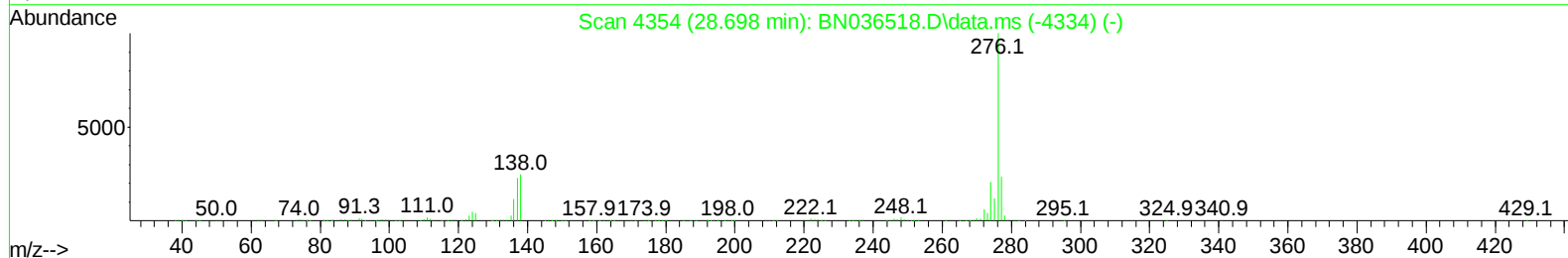
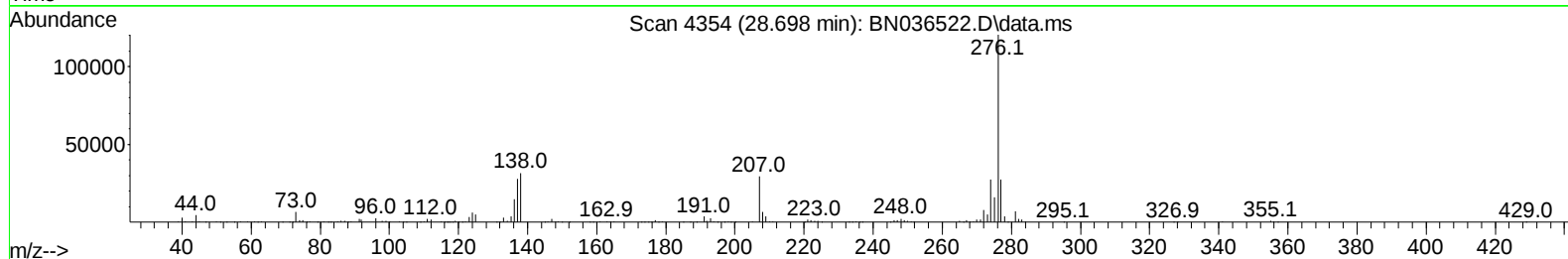
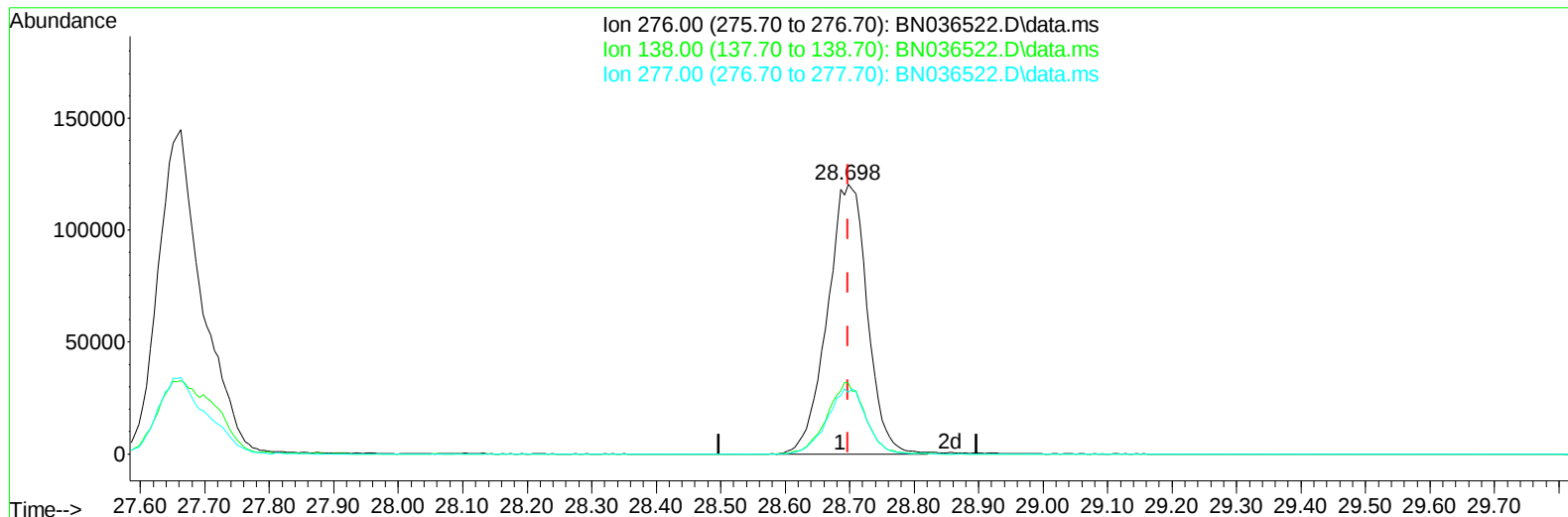
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Supervised By :Jagrut Upadhyay 03/03/2025



TIC: BN036522.D\data.ms

(96) Benzo(g,h,i)perylene

28.698min (+ 0.000) 18.60 ng/ul m

response 518375

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.80	26.21
277.00	23.30	22.77
0.00	0.00	0.00

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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV209

Manual IntegrationsAPPROVED

Quant Time: Mar 03 12:44:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 03 12:45:15 2025
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 03/03/2025
 Supervised By :Jagrut Upadhyay 03/03/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	64488	20.00	ng/ul	0.00
20) Naphthalene-d8	10.516	136	304805	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	220789	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	457087	20.00	ng/ul	0.00
79) Chrysene-d12	21.351	240	473582	20.00	ng/ul	0.00
88) Perylene-d12	24.315	264	500923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	13299	8.02	ng/uL	0.00
4) Pyridine-d5	3.617	84	106666	21.04	ng/ul	0.00
7) Phenol-d5	6.899	99	128400	20.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	101133	23.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	91921	21.22	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	108704	21.37	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	52001	21.58	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	55567	21.83	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	101558	22.00	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	157844	22.14	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	363428	21.89	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	401957	21.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	69835	21.23	ng/ul	0.00
60) Fluorene-d10	15.363	176	296512	21.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	60799	19.44	ng/ul	0.00
73) Anthracene-d10	17.210	188	479398	21.31	ng/ul	0.00
81) Pyrene-d10	19.504	212	554308	21.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.115	264	545486	21.85	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	14845	7.98	ng/uL	96
5) Pyridine	3.634	79	96359	18.22	ng/ul	99
6) Benzaldehyde	6.869	77	82343	22.68	ng/ul	100
8) Phenol	6.928	94	127528	19.31	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.152	93	103342	20.04	ng/ul	98
12) 2-Chlorophenol	7.293	128	89732	19.64	ng/ul	98
13) 2-Methylphenol	8.169	108	94154	19.80	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.246	45	197935	20.00	ng/ul	99
16) Acetophenone	8.546	105	179735	20.79	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.534	70	104675	21.56	ng/ul	99
18) 4-Methylphenol	8.499	108	108620	19.99	ng/ul	97
19) Hexachloroethane	8.805	117	41475	19.75	ng/ul	98
22) Nitrobenzene	8.922	77	142571	19.56	ng/ul	98
23) Isophorone	9.446	82	278226	20.50	ng/ul	99
25) 2-Nitrophenol	9.628	139	56393	19.89	ng/ul	92
26) 2,4-Dimethylphenol	9.699	107	107323	17.91	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.928	93	155250	20.29	ng/ul	97
29) 2,4-Dichlorophenol	10.163	162	95244	20.11	ng/ul	96
30) Naphthalene	10.563	128	334644	19.85	ng/ul	99
32) 4-Chloroaniline	10.675	127	146873	21.28	ng/ul	98
33) Hexachlorobutadiene	10.851	225	58373	18.71	ng/ul	91
34) Caprolactam	11.451	113	40223m	20.51	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	124878	20.79	ng/ul	97

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Manual IntegrationsAPPROVED

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Reviewed By :Rahul Chavli 03/03/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	244754	20.86	ng/ul	97
37) 1-Methylnaphthalene	12.398	142	230798	19.51	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	125248	20.23	ng/ul	98
40) Hexachlorocyclopentadiene	12.534	237	65980	18.06	ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	82302	20.21	ng/ul	96
42) 2,4,5-Trichlorophenol	12.869	196	89556	20.07	ng/ul	98
43) 1,1'-Biphenyl	13.198	154	332505	20.39	ng/ul	98
44) 2-Chloronaphthalene	13.240	162	250207	19.79	ng/ul	99
45) 2-Nitroaniline	13.445	65	105143	20.72	ng/ul	96
47) Dimethylphthalate	13.828	163	332320	19.85	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	70332	21.51	ng/ul	97
50) Acenaphthylene	14.087	152	409564	20.40	ng/ul	99
51) 3-Nitroaniline	14.275	138	77772	22.03	ng/ul	95
52) Acenaphthene	14.434	153	285140	19.70	ng/ul	97
53) 2,4-Dinitrophenol	14.481	184	40697	18.11	ng/ul	97
55) 4-Nitrophenol	14.587	109	63269	19.54	ng/ul	99
56) Dibenzofuran	14.769	168	397893	19.95	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	100663	20.11	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	78939	21.16	ng/ul	98
59) Diethylphthalate	15.198	149	348703	20.05	ng/ul	98
61) Fluorene	15.416	166	328723	19.94	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.416	204	154772	19.69	ng/ul	99
63) 4-Nitroaniline	15.434	138	81826	23.56	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	63734	18.96	ng/ul	97
67) N-Nitrosodiphenylamine	15.628	169	279961	20.05	ng/ul	95
68) 4-Bromophenyl-phenylether	16.310	248	91645	20.68	ng/ul	92
69) Hexachlorobenzene	16.422	284	97702	19.79	ng/ul	96
70) Atrazine	16.581	200	102559	19.75	ng/ul	95
71) Pentachlorophenol	16.769	266	67095	19.66	ng/ul	97
72) Phenanthrene	17.157	178	527122	19.91	ng/ul	99
74) Anthracene	17.245	178	522102	19.37	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	119823	19.16	ng/uL	98
76) Pentachlorobenzene	14.687	250	117786	18.70	ng/uL	96
77) Carbazole	17.516	167	493199	20.36	ng/ul	98
78) Di-n-butylphthalate	18.086	149	597379	19.83	ng/ul	99
80) Fluoranthene	19.169	202	617921	20.41	ng/ul	99
82) Pyrene	19.533	202	655847	19.90	ng/ul	98
83) Butylbenzylphthalate	20.439	149	269602	19.83	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.257	252	205955	23.62	ng/ul	99
85) Benzo(a)anthracene	21.333	228	638125	19.56	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.263	149	399646	20.24	ng/ul	100
87) Chrysene	21.392	228	600342	19.12	ng/ul	95
89) Di-n-octyl phthalate	22.380	149	650513	19.31	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	618551	20.15	ng/ul	100
91) Benzo(k)fluoranthene	23.439	252	603792	19.49	ng/ul	98
93) Benzo(a)pyrene	24.174	252	583645	19.91	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.662	276	690153	19.29	ng/ul	97
95) Dibenzo(a,h)anthracene	27.715	278	559232	19.60	ng/ul	97
96) Benzo(g,h,i)perylene	28.698	276	518375m	18.60	ng/ul	

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

