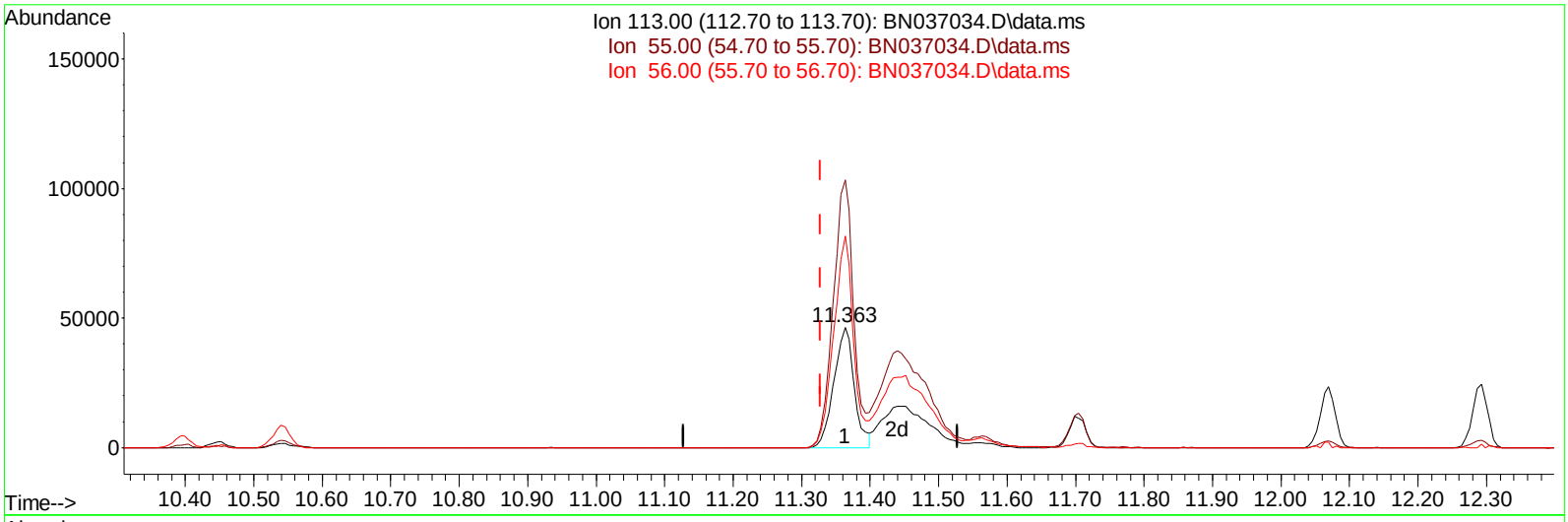
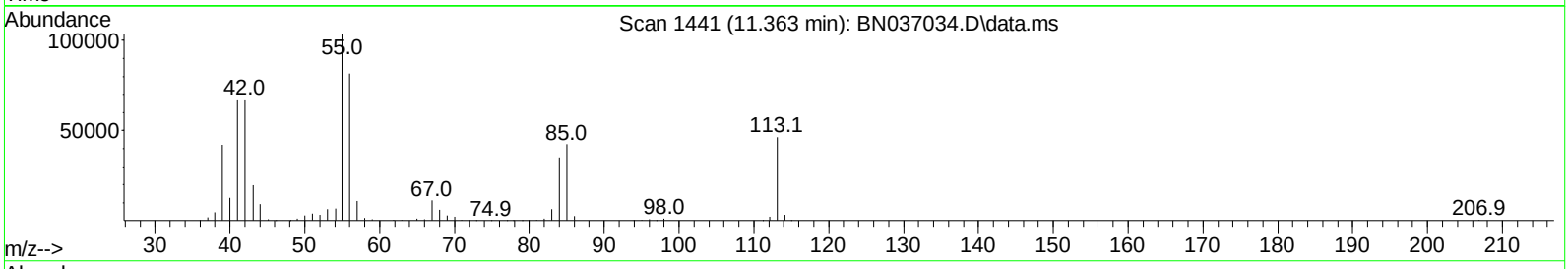
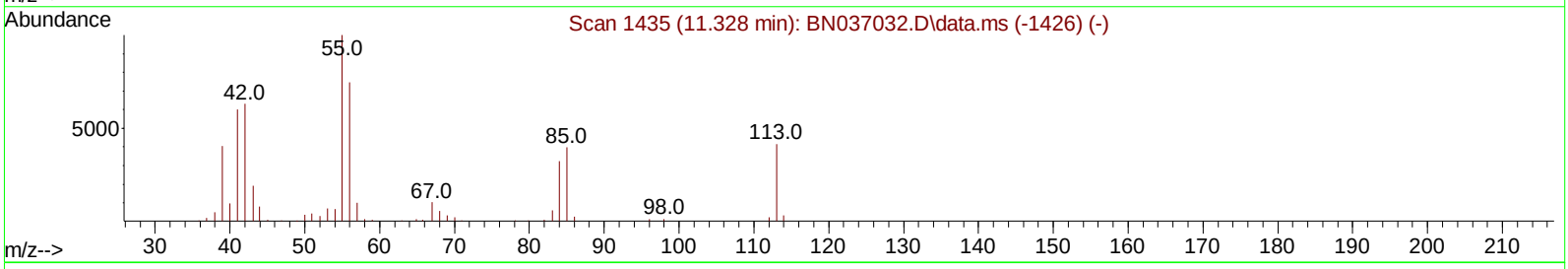
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051625\
Data File : BN037034.D
Acq On : 16 May 2025 15:31
Operator : RC/JU
Sample : SSTD08027
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 16 16:11:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 16 15:12:32 2025
Response via : Initial Calibration







TIC: BN037034.D\data.ms

(34) Caprolactam

11.363min (+ 0.035) 46.29 ng/ul

response 95802

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	240.40	222.41
56.00	179.50	175.90
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 16 15:12:32 2025
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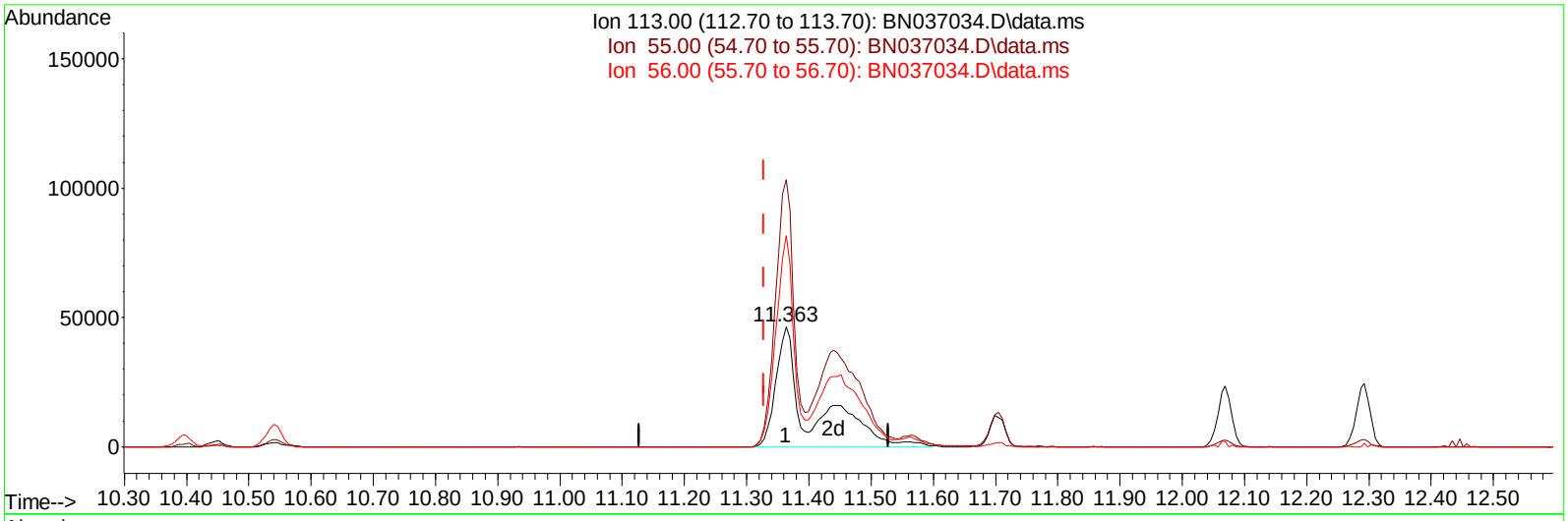

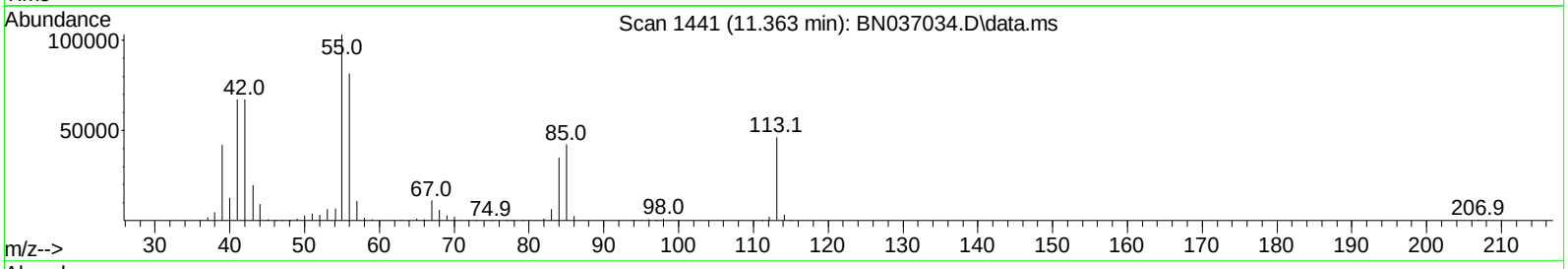

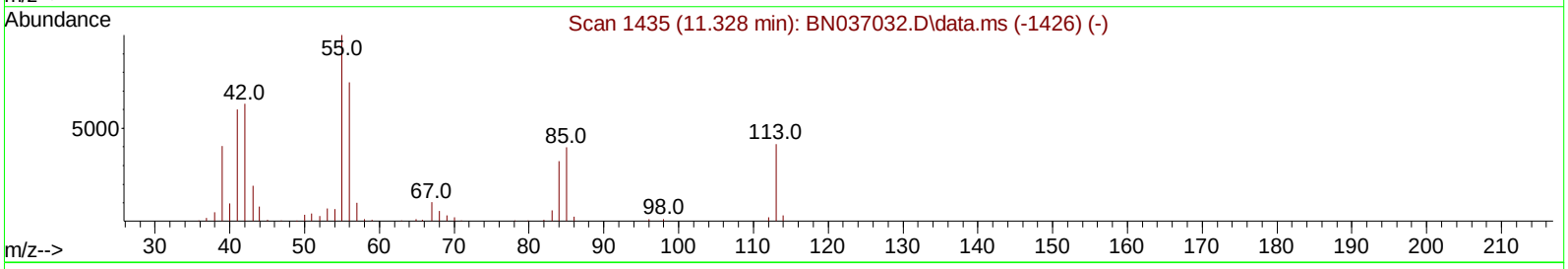

TIC: BN037034.D\data.ms

(34) Caprolactam

11.363min (+ 0.035) 85.84 ng/ul m

response 177632

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	240.40	222.41
56.00	179.50	175.90
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
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Misc :
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Quant Time: May 16 16:11:55 2025
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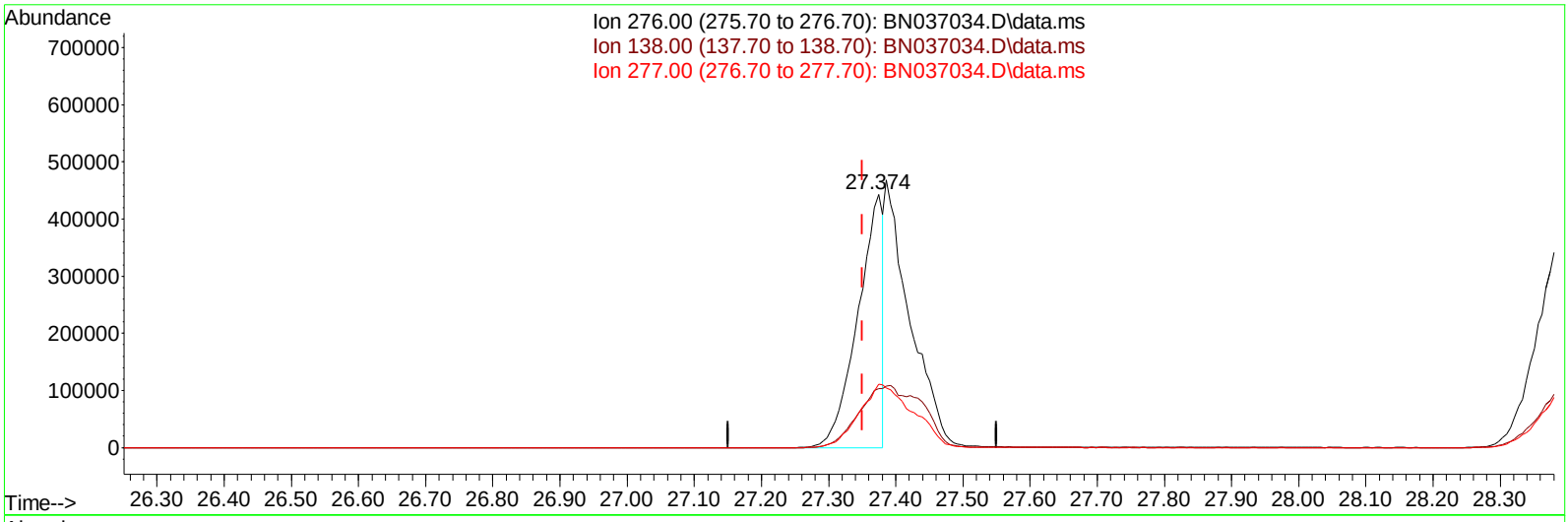
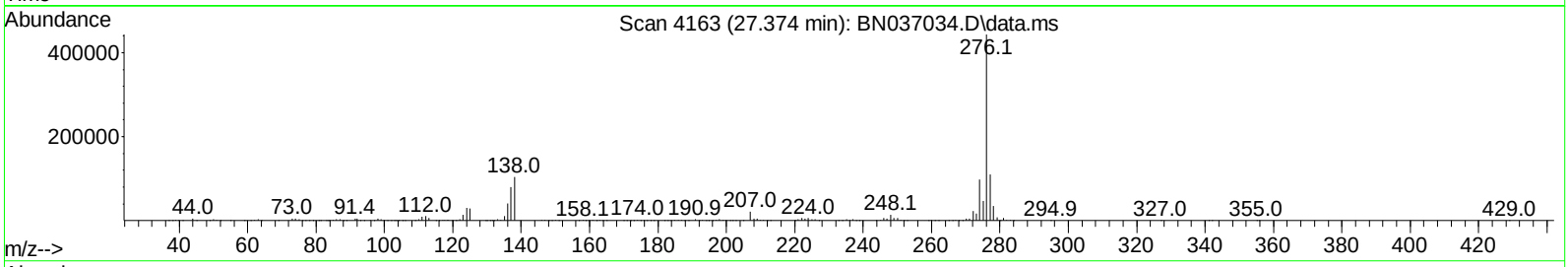
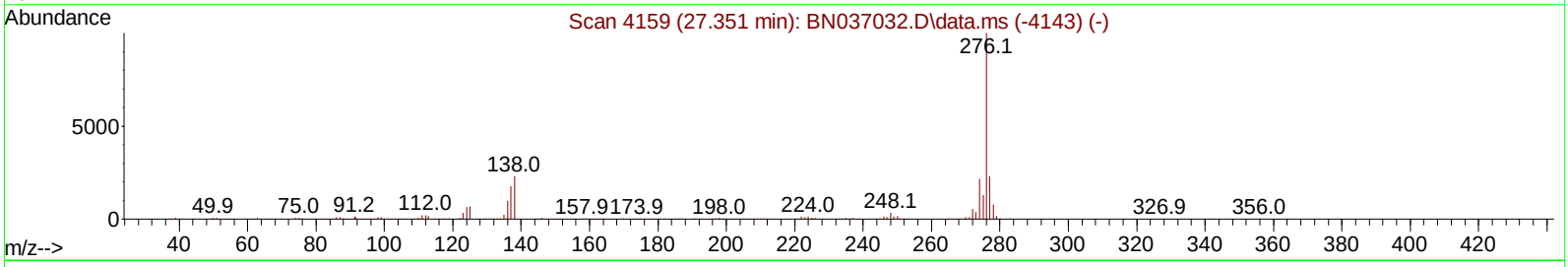
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 16 15:12:32 2025
Response via : Initial Calibration







TIC: BN037034.D\data.ms

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

27.374min (+ 0.024) 38.95 ng/ul

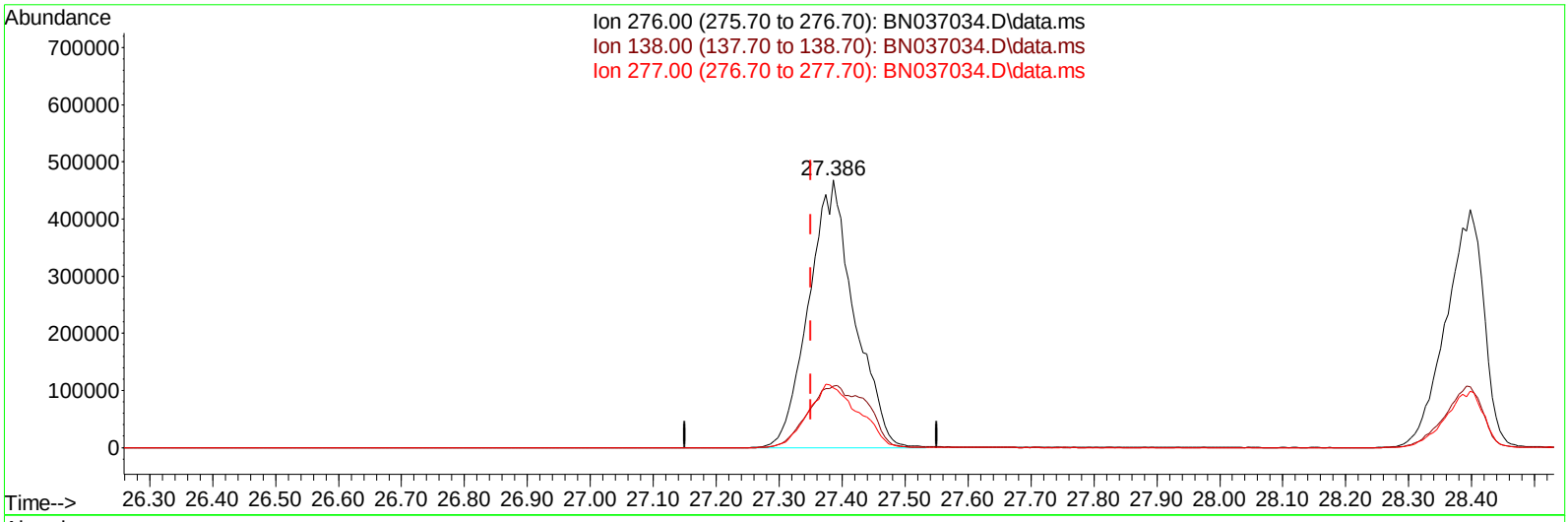
response 1151642

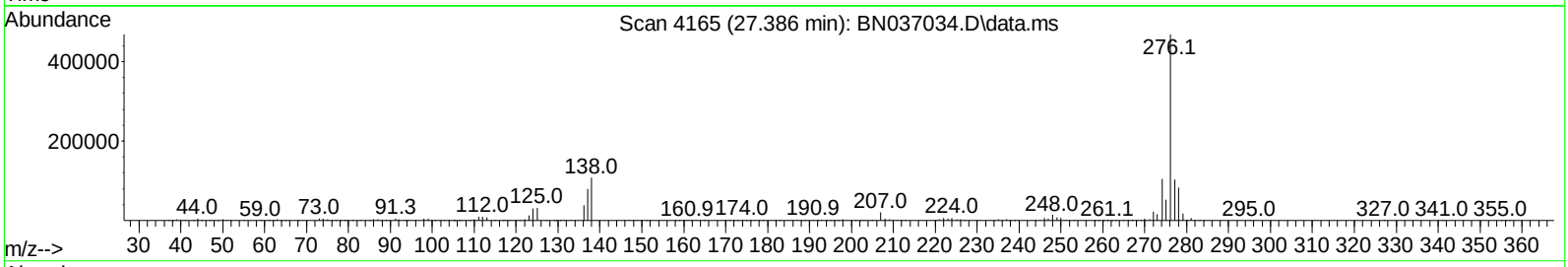
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	23.33
277.00	23.20	24.93
0.00	0.00	0.00

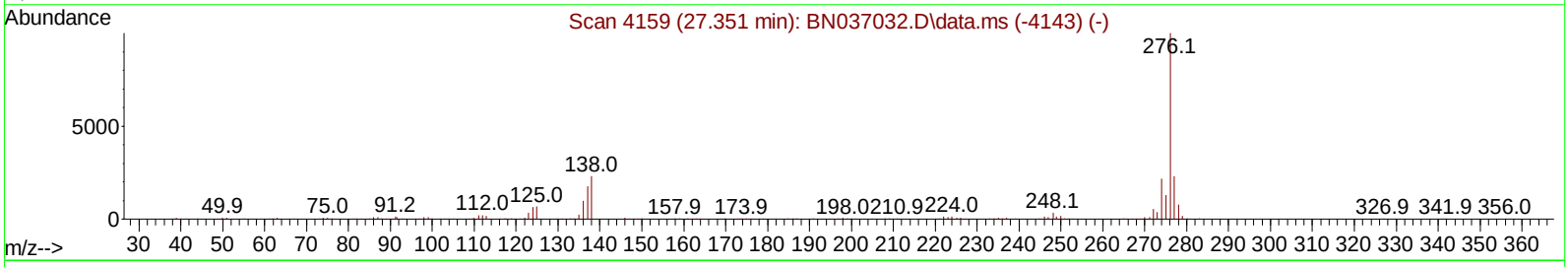
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051625\
Data File : BN037034.D
Acq On : 16 May 2025 15:31
Operator : RC/JU
Sample : SSTD08027
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 16 16:11:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 16 15:12:32 2025
Response via : Initial Calibration







TIC: BN037034.D\data.ms

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

27.386min (+ 0.035) 79.55 ng/ul m

response 2352037

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	22.92
277.00	23.20	22.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051625\
Data File : BN037034.D
Acq On : 16 May 2025 15:31
Operator : RC/JU
Sample : SSTD08027
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 16 16:13:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 16 15:12:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	92263	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	400206	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	263775	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	516114	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	509812	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	463791	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	70796	31.313	ng/uL	0.00
4) Pyridine-d5	3.505	84	562182	80.049	ng/ul	0.00
7) Phenol-d5	6.793	99	666101	81.584	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	474165	79.806	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	502584	85.441	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	539882	81.228	ng/ul	0.01
21) Nitrobenzene-d5	8.769	128	259318	84.057	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	289838	88.653	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	505070	84.432	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	723767	80.836	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1504074	78.012	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1753794	81.743	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	312007	84.146	ng/ul	0.02
60) Fluorene-d10	15.269	176	1271154	78.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	288734	84.602	ng/ul	0.01
73) Anthracene-d10	17.116	188	2008955	81.290	ng/ul	0.00
81) Pyrene-d10	19.416	212	2240084	75.534	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1972547	85.056	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	76679	29.623	ng/uL	93
5) Pyridine	3.523	79	588724	80.755	ng/ul	97
6) Benzaldehyde	6.758	77	240417	58.014	ng/ul	98
8) Phenol	6.822	94	700551	80.558	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.052	93	552634	80.748	ng/ul	96
12) 2-Chlorophenol	7.181	128	514492	82.414	ng/ul	99
13) 2-Methylphenol	8.064	108	511454	81.476	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	1100269	81.042	ng/ul	99
16) Acetophenone	8.440	105	868256	78.806	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.446	70	521377	82.021	ng/ul	97
18) 4-Methylphenol	8.399	108	564544	79.986	ng/ul	99
19) Hexachloroethane	8.681	117	241901	79.674	ng/ul	98
22) Nitrobenzene	8.816	77	775596	81.329	ng/ul	98
23) Isophorone	9.346	82	1365430	83.099	ng/ul	99
25) 2-Nitrophenol	9.522	139	306322	85.669	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	648229	81.989	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	773162	81.677	ng/ul	97
29) 2,4-Dichlorophenol	10.052	162	505847	82.655	ng/ul	98
30) Naphthalene	10.452	128	1672764	79.074	ng/ul	100
32) 4-Chloroaniline	10.563	127	700531	81.962	ng/ul	95
33) Hexachlorobutadiene	10.734	225	319422	77.498	ng/ul	99
34) Caprolactam	11.363	113	177632m	85.835	ng/ul	
35) 4-Chloro-3-methylphenol	11.705	107	616564	82.521	ng/ul	97

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 16 15:12:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	1177701	79.420	ng/ul	97
37) 1-Methylnaphthalene	12.293	142	1172751	79.316	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.446	216	596637	79.362	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	347203	76.482	ng/ul	94
41) 2,4,6-Trichlorophenol	12.687	196	410677	85.734	ng/ul	96
42) 2,4,5-Trichlorophenol	12.763	196	429033	82.502	ng/ul	88
43) 1,1'-Biphenyl	13.099	154	1510172	78.269	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	1175710	79.876	ng/ul	99
45) 2-Nitroaniline	13.351	65	548905	88.463	ng/ul	95
47) Dimethylphthalate	13.740	163	1504378	77.743	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	324377	86.693	ng/ul	88
50) Acenaphthylene	13.987	152	1812341	79.813	ng/ul	99
51) 3-Nitroaniline	14.181	138	304349	80.382	ng/ul	98
52) Acenaphthene	14.334	153	1327537	79.502	ng/ul	99
53) 2,4-Dinitrophenol	14.387	184	221712	89.764	ng/ul	97
55) 4-Nitrophenol	14.504	109	328069	79.760	ng/ul	97
56) Dibenzofuran	14.669	168	1763042	75.928	ng/ul	96
57) 2,4-Dinitrotoluene	14.646	165	484113	85.642	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.898	232	365433	81.887	ng/ul	94
59) Diethylphthalate	15.110	149	1625173	79.128	ng/ul	98
61) Fluorene	15.322	166	1467158	77.569	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.316	204	705432	76.990	ng/ul	96
63) 4-Nitroaniline	15.351	138	277373	75.598	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.410	198	304700	83.202	ng/ul	95
67) N-Nitrosodiphenylamine	15.534	169	1261898	80.243	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	396546	78.980	ng/ul	95
69) Hexachlorobenzene	16.328	284	429532	80.139	ng/ul	98
70) Atrazine	16.498	200	465777	79.402	ng/ul	96
71) Pentachlorophenol	16.669	266	313176	80.777	ng/ul	89
72) Phenanthrene	17.063	178	2266906	78.339	ng/ul	99
74) Anthracene	17.151	178	2373932	80.781	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	596192	81.145	ng/uL	96
76) Pentachlorobenzene	14.593	250	531968	78.849	ng/uL	97
77) Carbazole	17.422	167	2126952	79.299	ng/ul	99
78) Di-n-butylphthalate	17.992	149	2890811	84.980	ng/ul	99
80) Fluoranthene	19.081	202	2638342	74.544	ng/ul	99
82) Pyrene	19.445	202	2821874	74.565	ng/ul	100
83) Butylbenzylphthalate	20.357	149	1359165	89.762	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.163	252	730269	80.085	ng/ul	99
85) Benzo(a)anthracene	21.233	228	2743581	80.245	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.169	149	2040836	93.125	ng/ul	98
87) Chrysene	21.292	228	2559975	79.416	ng/ul	95
89) Di-n-octyl phthalate	22.263	149	3414693	93.347	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2442848	84.616	ng/ul	98
91) Benzo(k)fluoranthene	23.292	252	2415059	82.399	ng/ul	98
93) Benzo(a)pyrene	24.010	252	2188553	83.445	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.386	276	2352037m	79.552	ng/ul	
95) Dibenzo(a,h)anthracene	27.433	278	1908697	79.505	ng/ul	97
96) Benzo(g,h,i)perylene	28.398	276	1746208	77.346	ng/ul	98

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

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