

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031992.D
 Acq On : 14 Jun 2024 01:29
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020289

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 14 02:09:26 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 11 22:28:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	443584	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1945738	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1193093	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	2217856	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1430324	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1613340	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	70130	6.541	ng/uL	0.00
4) Pyridine-d5	3.581	84	535018	17.726	ng/u1	0.00
7) Phenol-d5	6.834	99	712374	18.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	405644	18.237	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	564433	19.453	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	583758	18.832	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	294493	19.795	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	323221	21.032	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	567197	19.770	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	772748	18.141	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1574027	18.937	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	1865110	19.515	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	276506	16.615	ng/u1	0.00
60) Fluorene-d10	15.298	176	1308532	18.606	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	188000	16.864	ng/u1	0.00
73) Anthracene-d10	17.151	188	1803233	18.991	ng/u1	0.00
81) Pyrene-d10	19.451	212	1696199	22.161	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1457388	18.918	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.211	88	75119	6.548	ng/uL	98
5) Pyridine	3.599	79	517638	17.152	ng/u1	98
6) Benzaldehyde	6.811	77	357779	20.059	ng/u1	99
8) Phenol	6.864	94	720555	18.618	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.093	93	589540	18.422	ng/u1	98
12) 2-Chlorophenol	7.222	128	587344	19.343	ng/u1	99
13) 2-Methylphenol	8.105	108	555617	18.588	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.175	45	681168	18.491	ng/u1	99
16) Acetophenone	8.481	105	888926	18.922	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.469	70	427433	17.558	ng/u1	96
18) 4-Methylphenol	8.434	108	596958	18.423	ng/u1	96
19) Hexachloroethane	8.722	117	228551	17.775	ng/u1	91
22) Nitrobenzene	8.858	77	675797	19.066	ng/u1	97
23) Isophorone	9.381	82	1257585	17.296	ng/u1	99
25) 2-Nitrophenol	9.563	139	341879	20.362	ng/u1	97
26) 2,4-Dimethylphenol	9.628	107	603222	18.468	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.863	93	807079	17.810	ng/u1	100
29) 2,4-Dichlorophenol	10.093	162	551865	19.481	ng/u1	98
30) Naphthalene	10.487	128	1926471	19.131	ng/u1	99
32) 4-Chloroaniline	10.605	127	744764	18.008	ng/u1	100
33) Hexachlorobutadiene	10.763	225	336514	19.779	ng/u1	99
34) Caprolactam	11.393	113	184816	16.714	ng/u1	93
35) 4-Chloro-3-methylphenol	11.740	107	621994	18.784	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1299483	18.879	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1280274	18.538	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	651960	20.662	ng/ul	99
40) Hexachlorocyclopentadiene	12.451	237	222643	12.243	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	426558	19.917	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	467448	20.085	ng/ul	96
43) 1,1'-Biphenyl	13.134	154	1624737	19.361	ng/ul	95
44) 2-Chloronaphthalene	13.175	162	1289288	19.615	ng/ul	99
45) 2-Nitroaniline	13.387	65	367993	19.314	ng/ul	95
47) Dimethylphthalate	13.769	163	1613235	18.978	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	335029	19.828	ng/ul	98
50) Acenaphthylene	14.022	152	2090724	19.357	ng/ul	99
51) 3-Nitroaniline	14.222	138	358866	19.864	ng/ul	96
52) Acenaphthene	14.369	153	1374372	19.231	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	117676	13.795	ng/ul	97
55) 4-Nitrophenol	14.540	109	208921	16.923	ng/ul	93
56) Dibenzofuran	14.704	168	1853294	19.087	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	464358	18.729	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.934	232	359753	18.480	ng/ul	99
59) Diethylphthalate	15.134	149	1595687	18.192	ng/ul	99
61) Fluorene	15.357	166	1487890	19.029	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	733661	19.372	ng/ul	99
63) 4-Nitroaniline	15.387	138	352978	20.524	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.451	198	206670	17.439	ng/ul	98
67) N-Nitrosodiphenylamine	15.569	169	1296809	21.213	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	463023	21.547	ng/ul	96
69) Hexachlorobenzene	16.351	284	514576	21.128	ng/ul	96
70) Atrazine	16.528	200	357643	18.529	ng/ul	99
71) Pentachlorophenol	16.704	266	271966	17.453	ng/ul	96
72) Phenanthrene	17.098	178	2155139	19.075	ng/ul	99
74) Anthracene	17.187	178	2175308	19.002	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.093	216	659591	23.106	ng/ul	96
76) Pentachlorobenzene	14.622	250	611156	21.980	ng/ul	97
77) Carbazole	17.463	167	1878906	19.248	ng/ul	99
78) Di-n-butylphthalate	18.022	149	2680401	19.958	ng/ul	100
80) Fluoranthene	19.116	202	2126945	23.252	ng/ul	100
82) Pyrene	19.481	202	2105607	22.436	ng/ul	97
83) Butylbenzylphthalate	20.386	149	966040	21.793	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.204	252	487385	17.769	ng/ul	95
85) Benzo(a)anthracene	21.269	228	1884261	19.681	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.192	149	1379819	21.354	ng/ul	99
87) Chrysene	21.333	228	1682771	18.818	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2174608	20.133	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1832648	19.004	ng/ul	100
91) Benzo(k)fluoranthene	23.351	252	1801567	19.039	ng/ul	99
93) Benzo(a)pyrene	24.086	252	1732368	19.181	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.521	276	2135869	20.522	ng/ul	98
95) Dibenzo(a,h)anthracene	27.568	278	1744376	20.529	ng/ul	98
96) Benzo(g,h,i)perylene	28.545	276	1677666m	20.278	ng/ul	

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

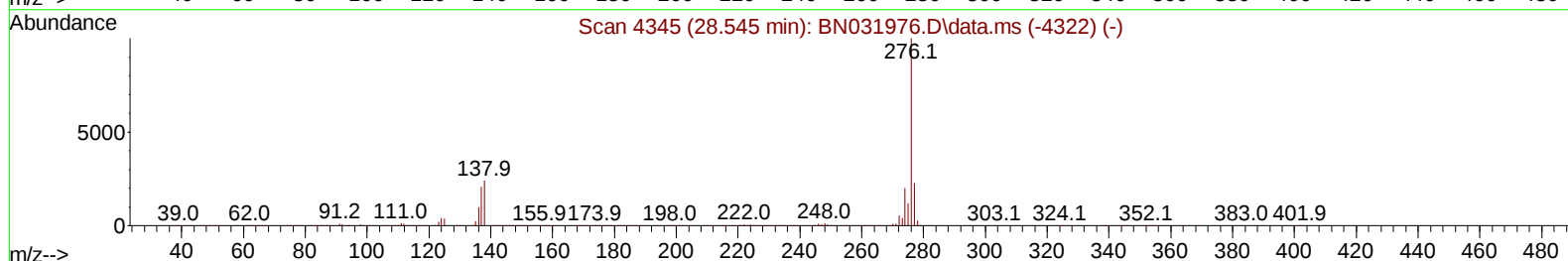
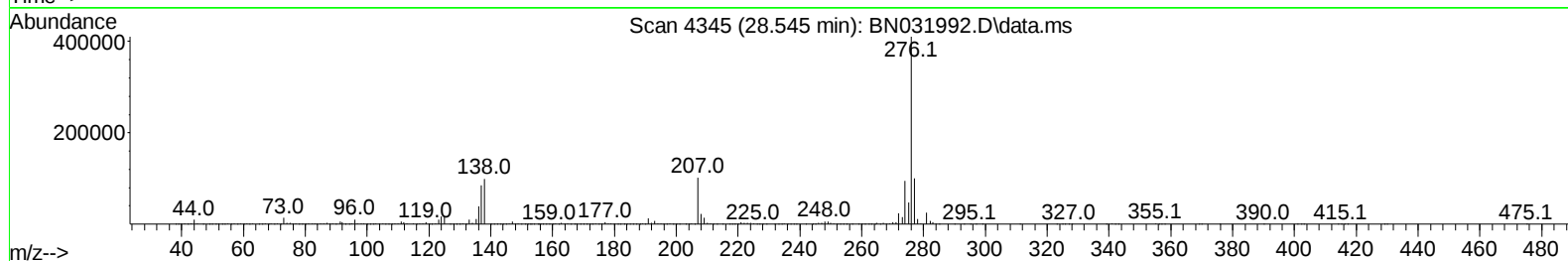
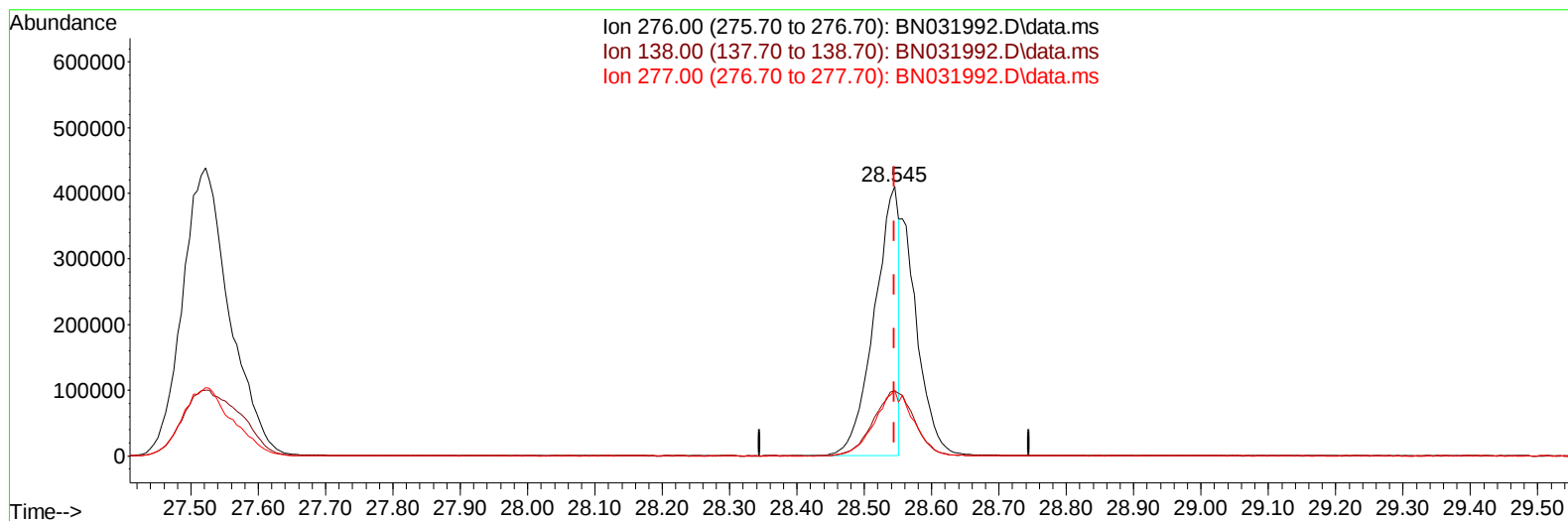
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TIC: BN031992.D\data.ms

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

28.545min (+ 0.000) 12.44 ng/u1

response 1029385

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	24.20
277.00	22.50	24.31
0.00	0.00	0.00

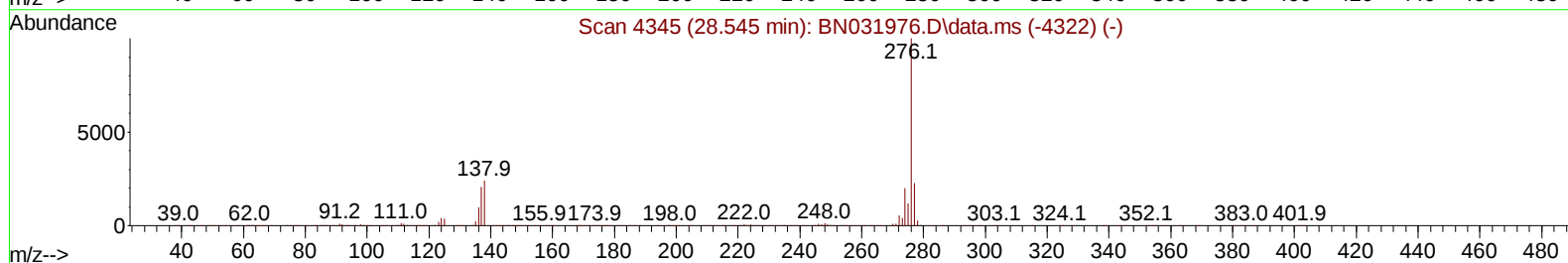
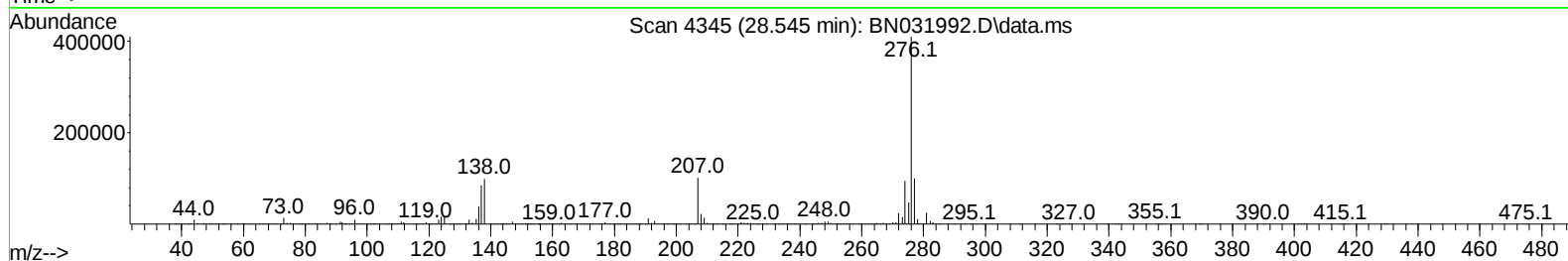
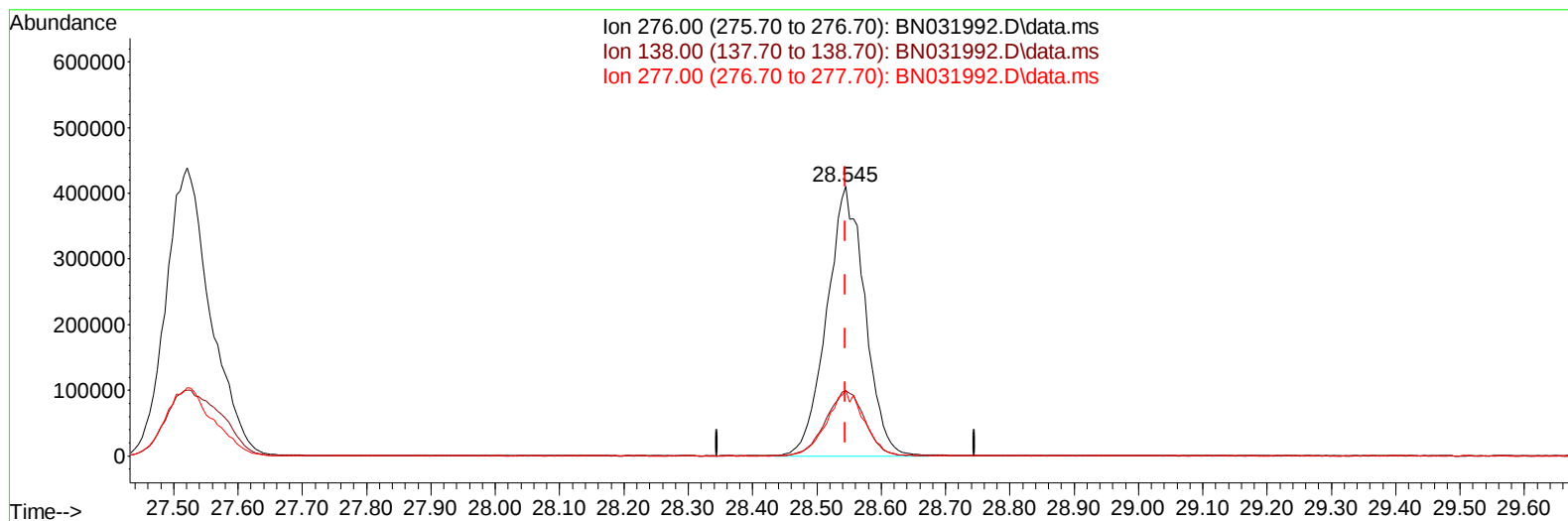
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(96) Benzo(g,h,i)perylene

28.545min (+ 0.000) 20.28 ng/ul m

response 1677666

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	24.20
277.00	22.50	24.31
0.00	0.00	0.00

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

Internal Standards						
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20) Naphthalene-d8	10.440	136	1945738	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1193093	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	2217856	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1430324	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1613340	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	70130	6.541	ng/uL	0.00
4) Pyridine-d5	3.581	84	535018	17.726	ng/ul	0.00
7) Phenol-d5	6.834	99	712374	18.733	ng/ul	0.00
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15) 4-Methylphenol-d8	8.369	113	583758	18.832	ng/ul	0.00
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31) 4-Chloroaniline-d4	10.587	131	772748	18.141	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1574027	18.937	ng/ul	0.00
49) Acenaphthylene-d8	13.993	160	1865110	19.515	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	276506	16.615	ng/ul	0.00
60) Fluorene-d10	15.298	176	1308532	18.606	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	188000	16.864	ng/ul	0.00
73) Anthracene-d10	17.151	188	1803233	18.991	ng/ul	0.00
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Target Compounds						
					Qvalue	
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80) Fluoranthene	19.116	202	2126945	23.252	ng/ul	100
82) Pyrene	19.481	202	2105607	22.436	ng/ul	97
83) Butylbenzylphthalate	20.386	149	966040	21.793	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.204	252	487385	17.769	ng/ul	95
85) Benzo(a)anthracene	21.269	228	1884261	19.681	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.192	149	1379819	21.354	ng/ul	99
87) Chrysene	21.333	228	1682771	18.818	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2174608	20.133	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1832648	19.004	ng/ul	100
91) Benzo(k)fluoranthene	23.351	252	1801567	19.039	ng/ul	99
93) Benzo(a)pyrene	24.086	252	1732368	19.181	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.521	276	2135869	20.522	ng/ul	98
95) Dibenzo(a,h)anthracene	27.568	278	1744376	20.529	ng/ul	98
96) Benzo(g,h,i)perylene	28.545	276	1677666m	20.278	ng/ul	

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