

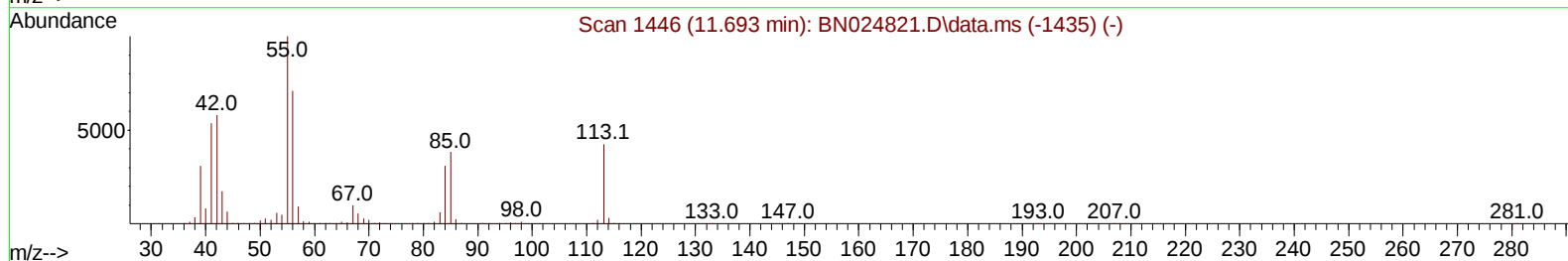
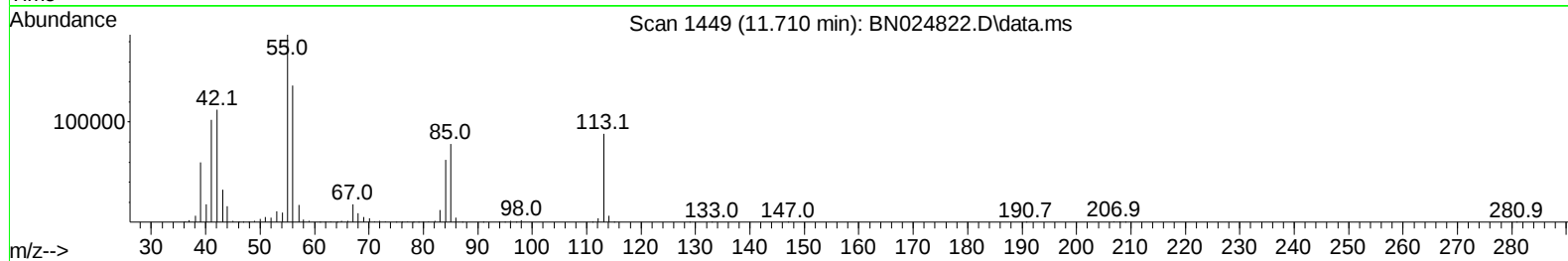
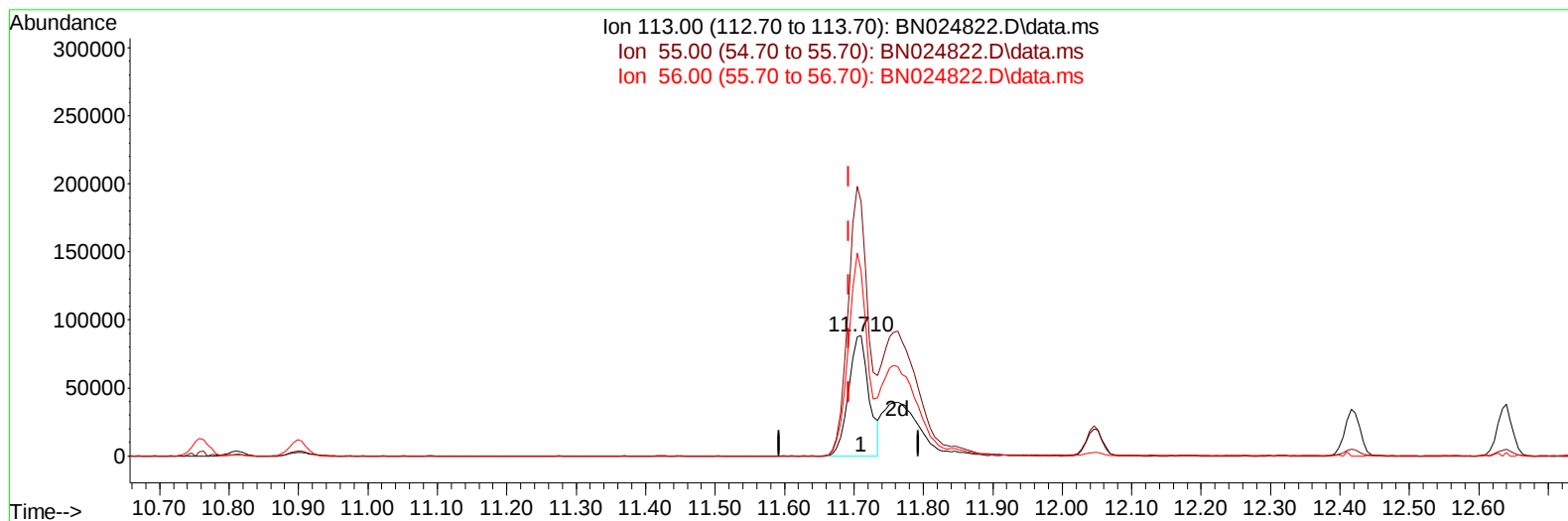
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
Data File : BN024822.D
Acq On : 10 Apr 2023 13:08
Operator : CG/JU
Sample : SSTD04092
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040214

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 02:40:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 10 15:00:02 2023
Response via : Initial Calibration



TIC: BN024822.D\data.ms

(34) Caprolactam

11.710min (+ 0.018) 23.08 ng/ul

response 179216

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	211.91
56.00	166.90	154.20
0.00	0.00	0.00

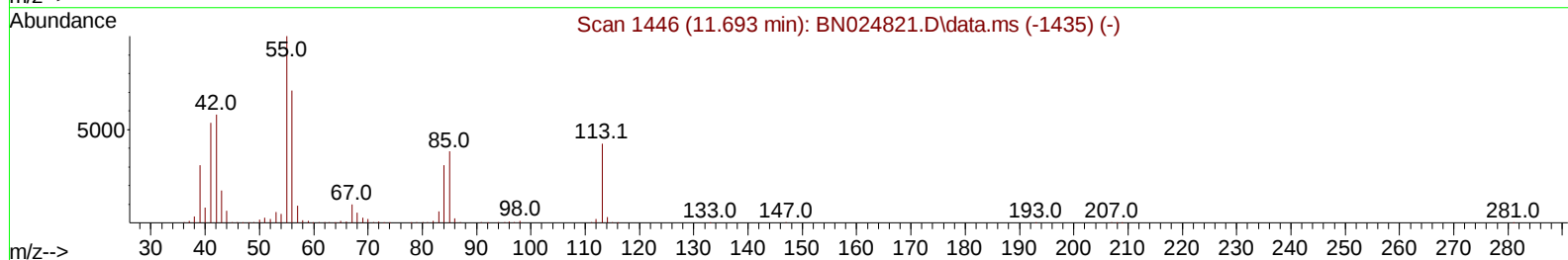
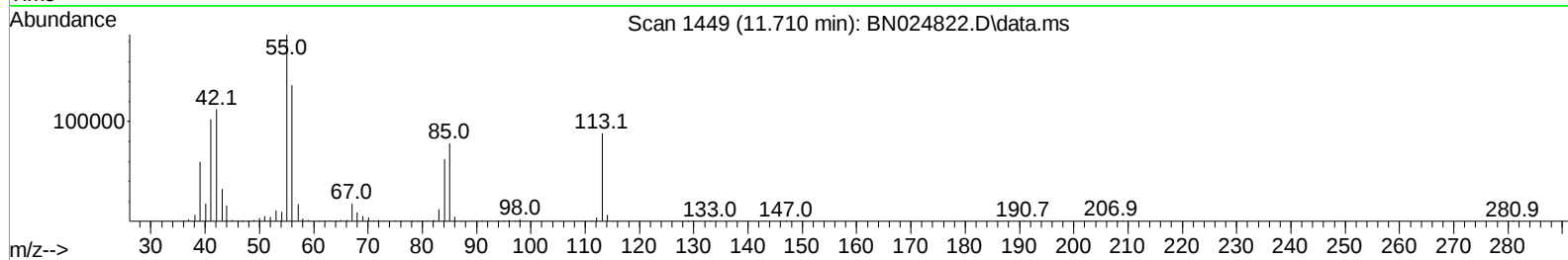
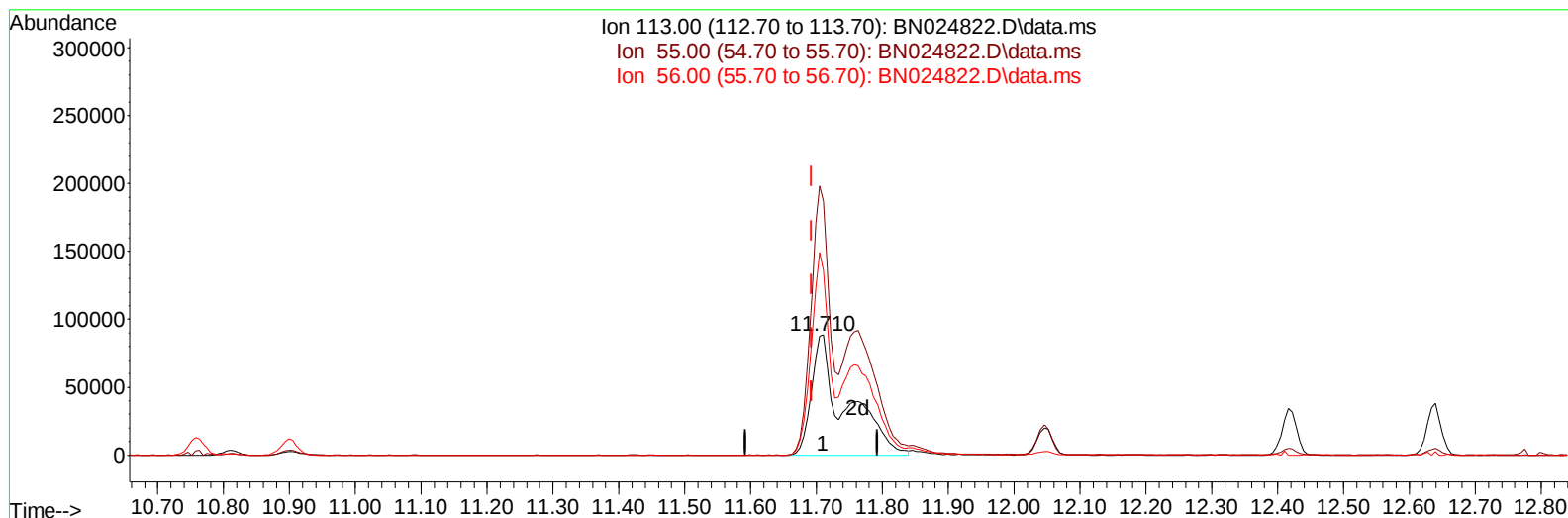
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
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TIC: BN024822.D\data.ms

(34) Caprolactam

11.710min (+ 0.018) 41.15 ng/ul m

response 319532

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	211.91
56.00	166.90	154.20
0.00	0.00	0.00

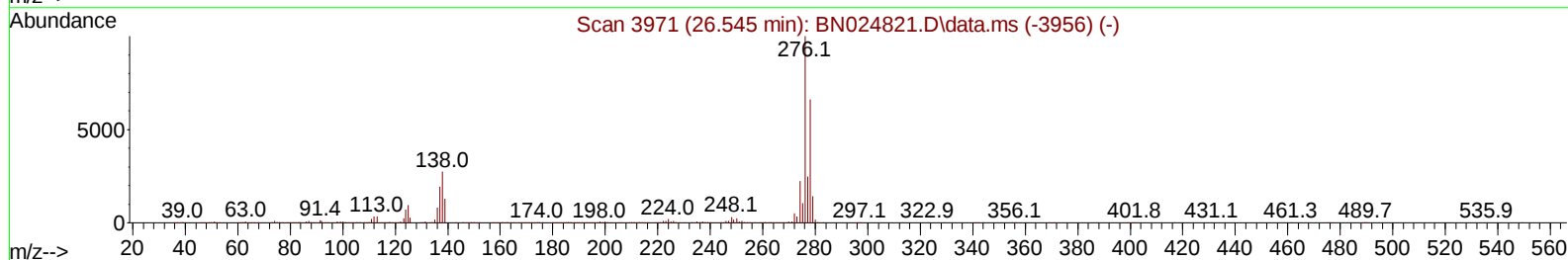
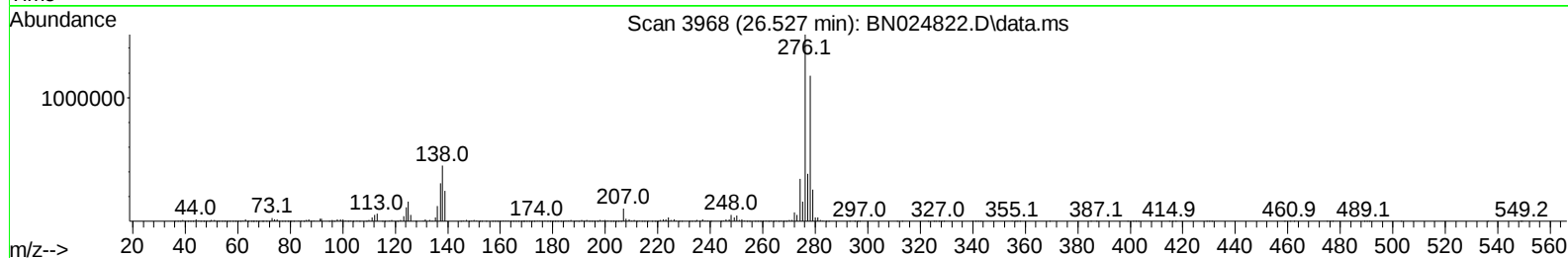
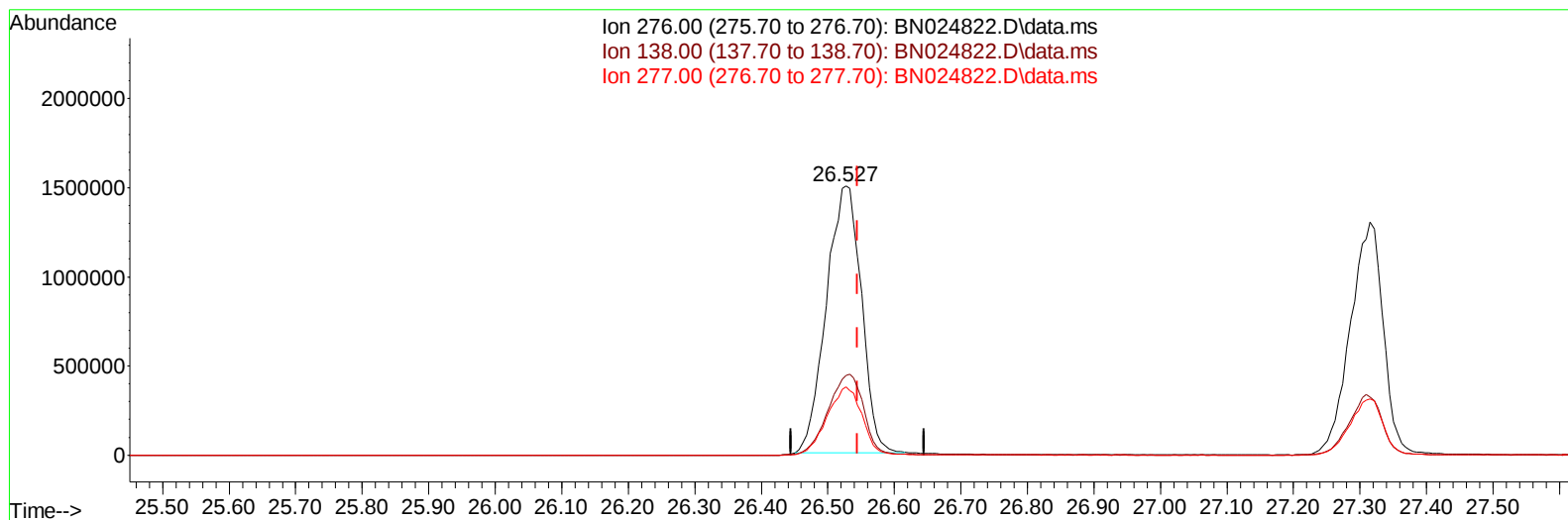
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TIC: BN024822.D\data.ms

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

26.527min (-0.018) 42.07 ng/u1

response 5440454

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	29.70
277.00	24.70	25.45
0.00	0.00	0.00

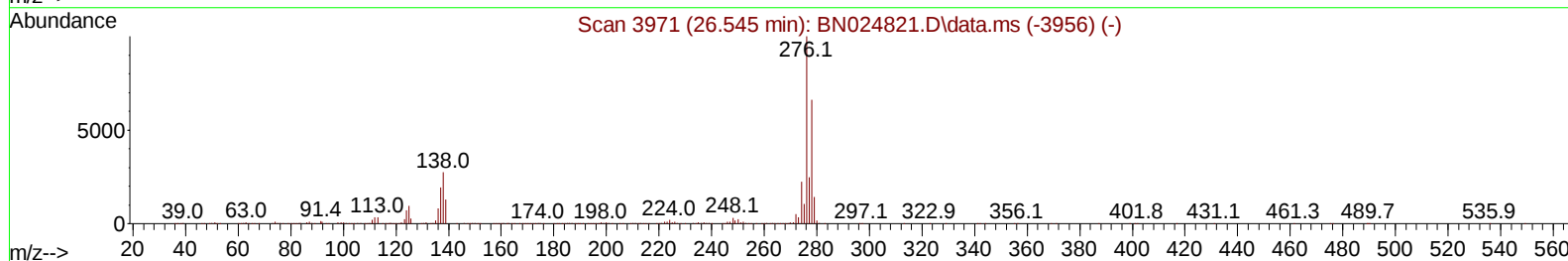
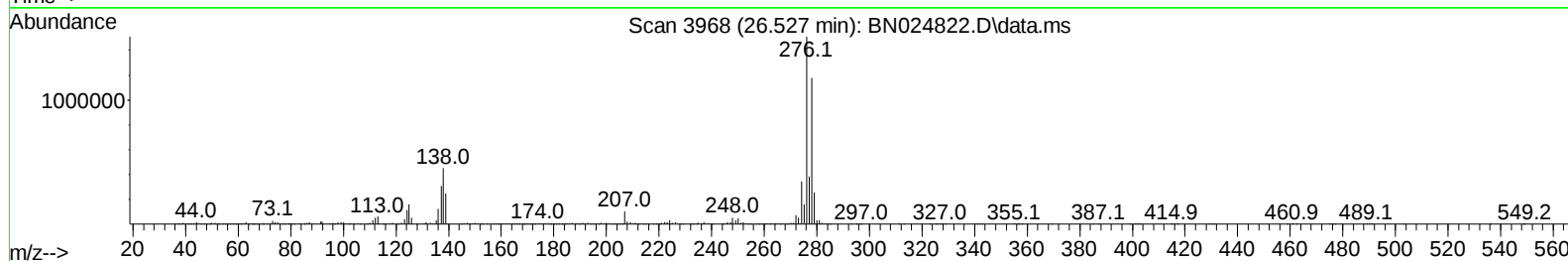
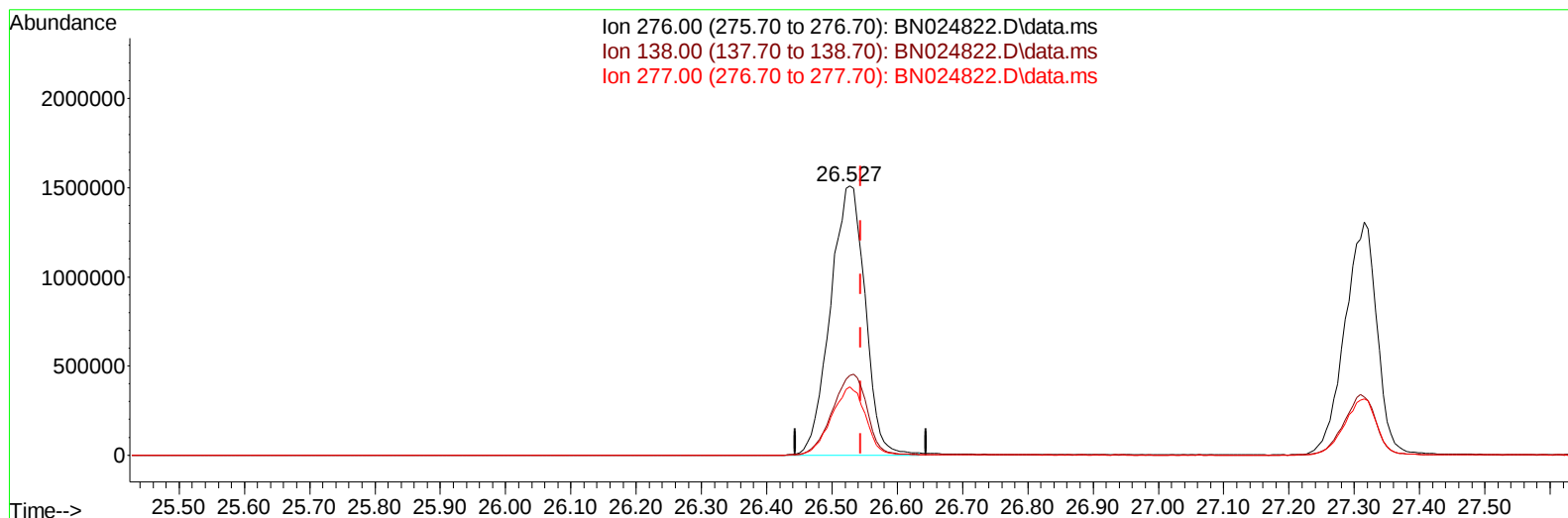
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN024822.D\data.ms

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

26.527min (-0.018) 43.36 ng/ul m

response 5607793

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.40	29.70
277.00	24.70	25.45
0.00	0.00	0.00

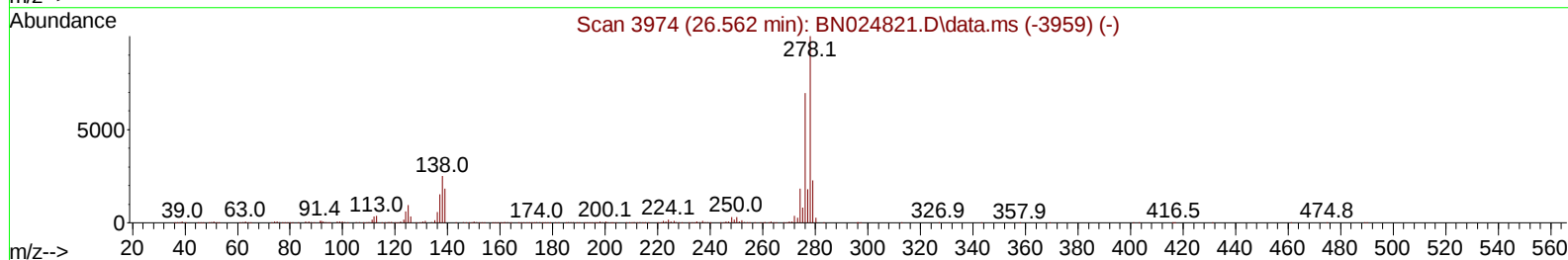
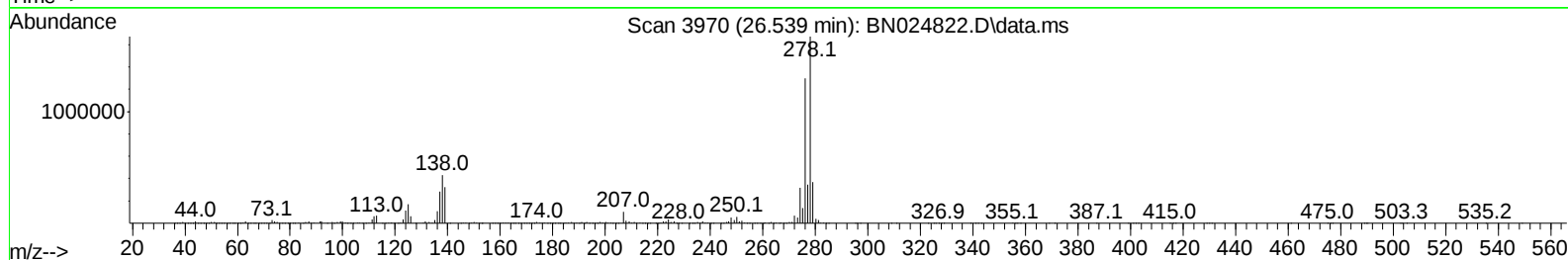
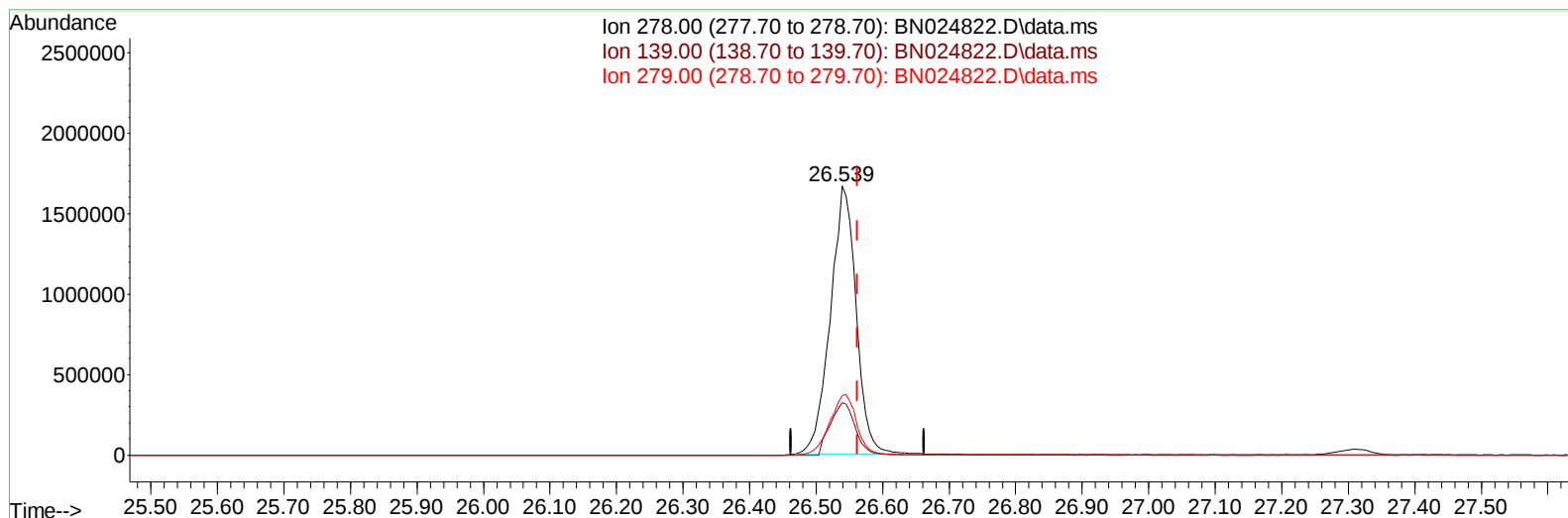
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
Data File : BN024822.D
Acq On : 10 Apr 2023 13:08
Operator : CG/JU
Sample : SSTD04092
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN024822.D\data.ms

(95) Dibenzo(a,h)anthracene

26.539min (-0.023) 42.11 ng/u1

response 4505250

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.20	19.36
279.00	22.80	22.15
0.00	0.00	0.00

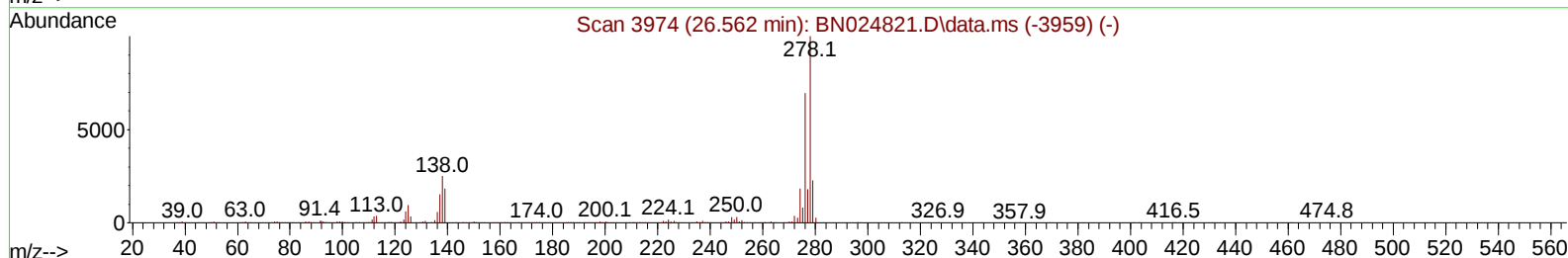
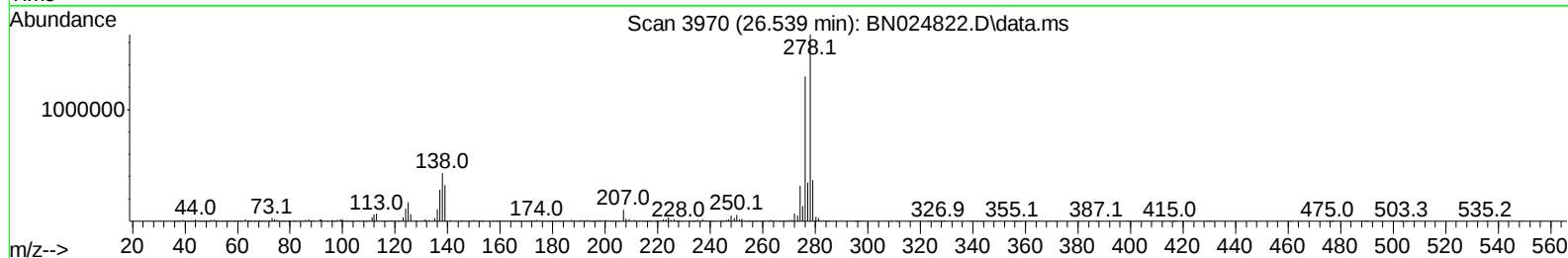
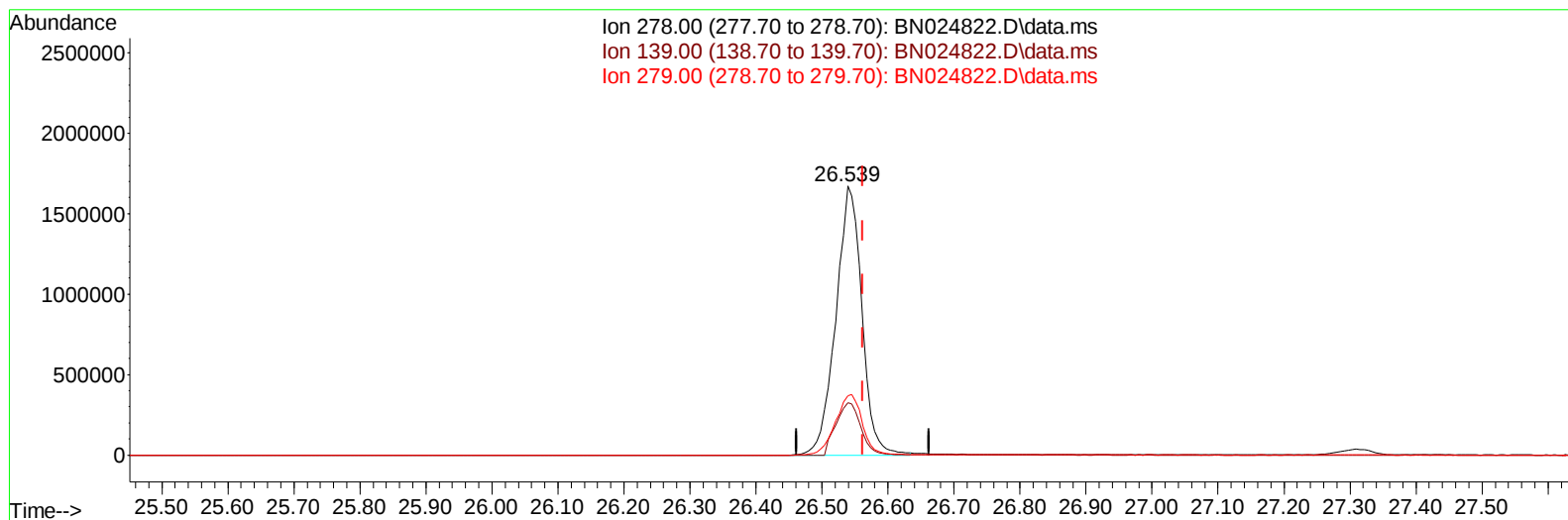
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
 Data File : BN024822.D
 Acq On : 10 Apr 2023 13:08
 Operator : CG/JU
 Sample : SST04092
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST040214

Manual IntegrationsAPPROVED

Quant Time: Apr 11 02:40:39 2023
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 QLast Update : Mon Apr 10 15:00:02 2023
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Reviewed By :Christian Giraldo 04/11/2023
 Supervised By :Jagrut Upadhyay 04/11/2023



TIC: BN024822.D\data.ms

(95) Dibenzo(a,h)anthracene

26.539min (-0.023) 42.69 ng/ul m

response 4567705

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	18.20	19.36
279.00	22.80	22.15
0.00	0.00	0.00

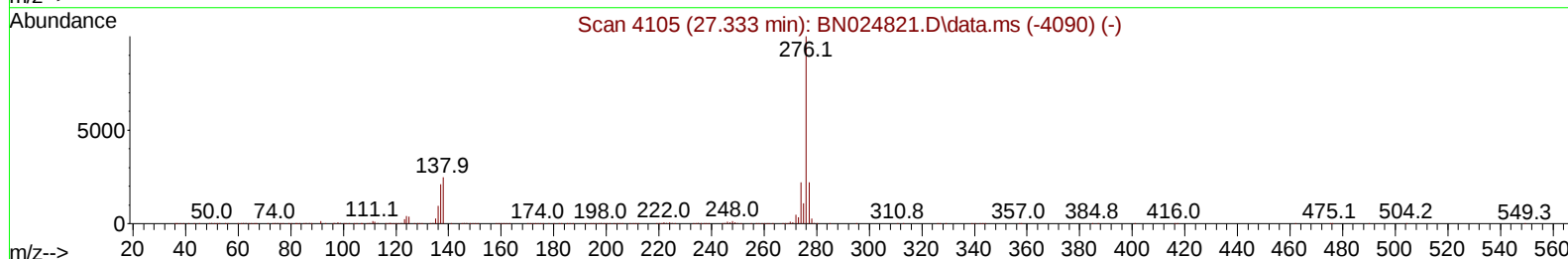
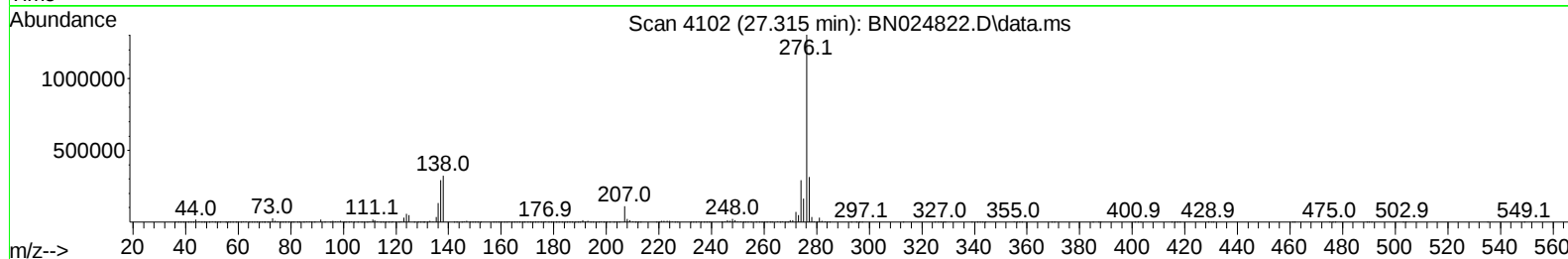
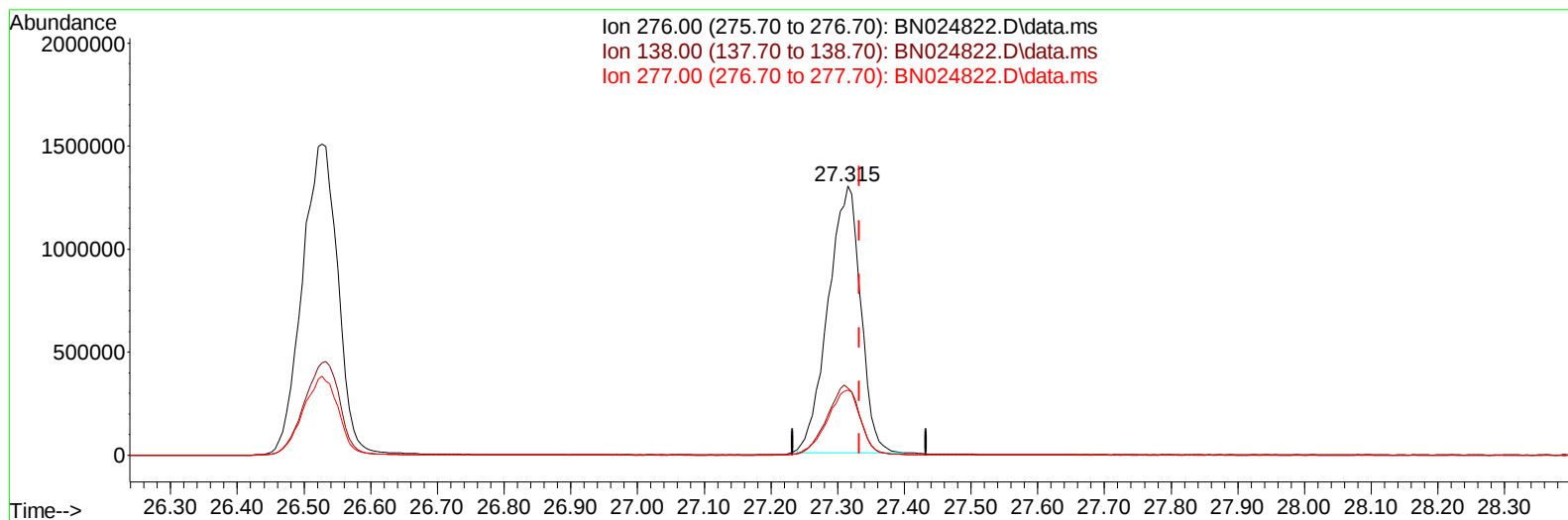
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Sample : SSTD04092
Misc :
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Instrument :
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Supervised By :Jagrut Upadhyay 04/11/2023



TIC: BN024822.D\data.ms

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

27.315min (-0.018) 41.90 ng/u1

response 4373272

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.80	24.88
277.00	22.00	24.10
0.00	0.00	0.00

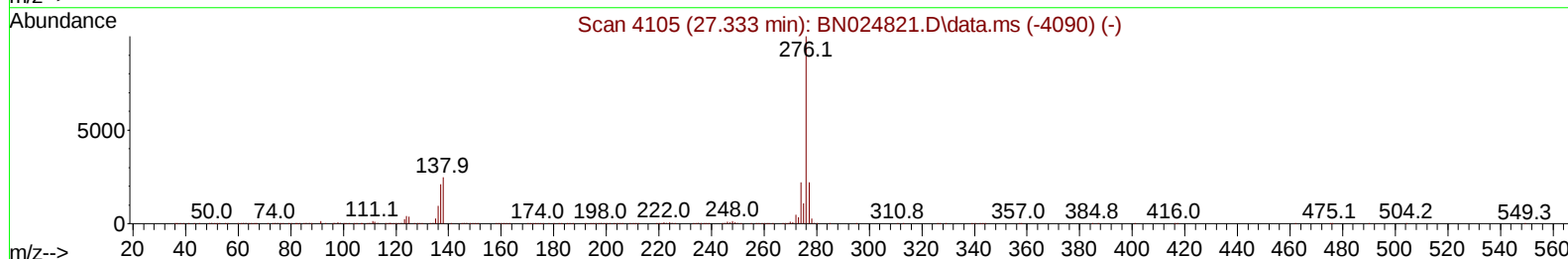
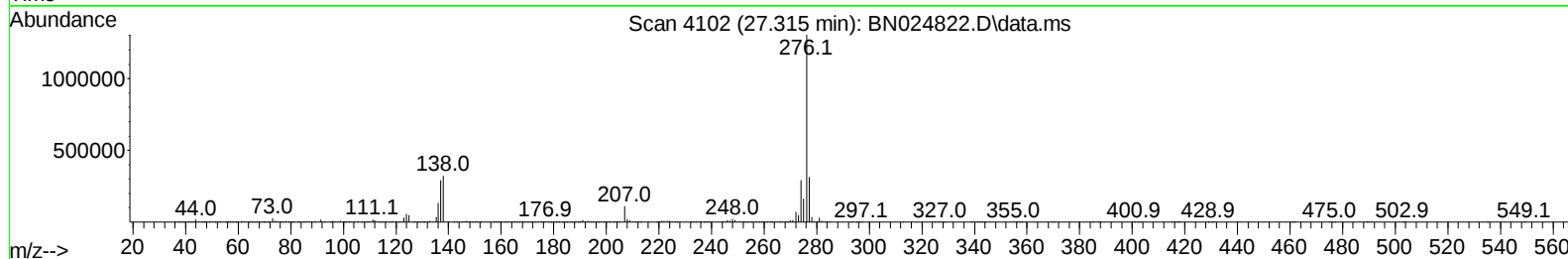
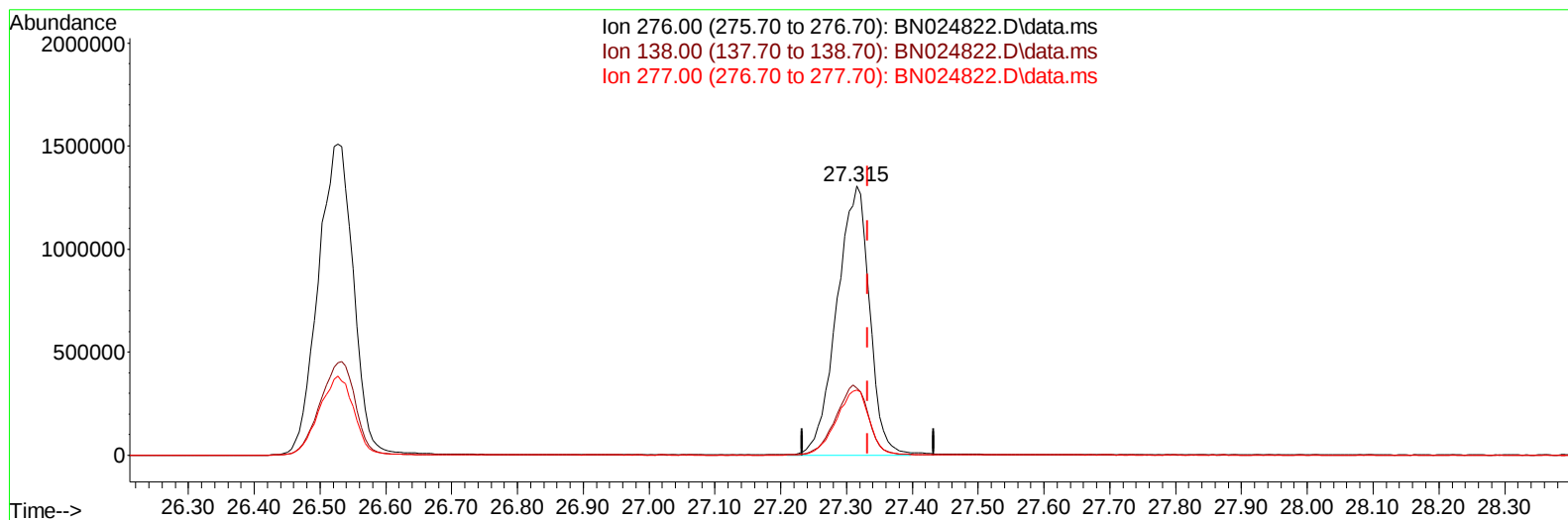
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Operator : CG/JU
Sample : SSTD04092
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040214

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/11/2023
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Quant Time: Apr 11 02:40:39 2023
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Response via : Initial Calibration



TIC: BN024822.D\data.ms

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

27.315min (-0.018) 43.21 ng/ul m

response 4510931

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.80	24.88
277.00	22.00	24.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
 Data File : BN024822.D
 Acq On : 10 Apr 2023 13:08
 Operator : CG/JU
 Sample : SST04092
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST040214

Manual IntegrationsAPPROVED

Quant Time: Apr 11 02:40:39 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	314608	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1409157	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	858356	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1816068	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1638549	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1892747	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	129227	15.731	ng/uL	0.00
4) Pyridine-d5	3.734	84	1000636	40.426	ng/ul	0.00
7) Phenol-d5	7.105	99	1251332	40.797	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	837926	40.844	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	936872	41.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	997684	40.973	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	493947	43.292	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	546976	44.259	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	928296	42.024	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	1400991	41.793	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	2751787	41.354	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	3193618	41.882	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	572254	41.954	ng/ul	0.00
60) Fluorene-d10	15.581	176	2315198	41.209	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	501242	42.410	ng/ul	0.00
73) Anthracene-d10	17.439	188	3518050	41.246	ng/ul	0.00
81) Pyrene-d10	19.733	212	3848403	40.447	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	4056254	40.987	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	140314	15.729	ng/uL	97
5) Pyridine	3.752	79	1034948	40.470	ng/ul	95
6) Benzaldehyde	7.081	77	642494	42.794	ng/ul	98
8) Phenol	7.134	94	1297838	40.629	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.369	93	1024176	40.839	ng/ul	98
12) 2-Chlorophenol	7.505	128	966272	41.044	ng/ul	98
13) 2-Methylphenol	8.393	108	960866	40.970	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	2022197	41.066	ng/ul	100
16) Acetophenone	8.775	105	1578815	41.006	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.769	70	865813	41.690	ng/ul	98
18) 4-Methylphenol	8.728	108	1065502	40.855	ng/ul	98
19) Hexachloroethane	9.028	117	392921	41.354	ng/ul	100
22) Nitrobenzene	9.157	77	1287798	42.004	ng/ul	99
23) Isophorone	9.687	82	2402039	42.681	ng/ul	100
25) 2-Nitrophenol	9.869	139	576852	43.270	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	1150604	40.993	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	1430738	40.850	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	916338	41.333	ng/ul	99
30) Naphthalene	10.810	128	3241882	41.193	ng/ul	99
32) 4-Chloroaniline	10.922	127	1404114	41.376	ng/ul	100
33) Hexachlorobutadiene	11.093	225	522051	40.401	ng/ul	94
34) Caprolactam	11.710	113	319532m	41.154	ng/ul	
35) 4-Chloro-3-methylphenol	12.046	107	1096699	42.191	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	2113775	40.640	ng/ul	100
37) 1-Methylnaphthalene	12.640	142	2124265	40.913	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.787	216	1033060	41.261	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	630729	41.312	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	722236	42.219	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	792540	42.335	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	2807992	41.059	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	2171532	40.893	ng/ul	100
45) 2-Nitroaniline	13.675	65	832212	44.880	ng/ul	97
47) Dimethylphthalate	14.051	163	2755380	41.155	ng/ul	100
48) 2,6-Dinitrotoluene	14.175	165	584798	44.750	ng/ul	99
50) Acenaphthylene	14.316	152	3481000	41.563	ng/ul	99
51) 3-Nitroaniline	14.504	138	576425	41.974	ng/ul	99
52) Acenaphthene	14.657	153	2359410	40.749	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	352810	41.989	ng/ul	91
55) 4-Nitrophenol	14.810	109	465587	41.939	ng/ul	97
56) Dibenzofuran	14.992	168	3229152	40.461	ng/ul	97
57) 2,4-Dinitrotoluene	14.957	165	845173	44.678	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.216	232	638088	41.393	ng/ul	99
59) Diethylphthalate	15.410	149	2792116	41.503	ng/ul	98
61) Fluorene	15.639	166	2641550	41.150	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	1209001	40.463	ng/ul	100
63) 4-Nitroaniline	15.669	138	580584	43.573	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.722	198	489795	42.306	ng/ul	99
67) N-Nitrosodiphenylamine	15.845	169	2251467	40.864	ng/ul	98
68) 4-Bromophenyl-phenylether	16.528	248	761381	41.709	ng/ul	97
69) Hexachlorobenzene	16.645	284	834288	40.367	ng/ul	100
70) Atrazine	16.798	200	796409	42.481	ng/ul	97
71) Pentachlorophenol	16.986	266	535856	41.713	ng/ul	94
72) Phenanthrene	17.381	178	4123496	40.236	ng/ul	98
74) Anthracene	17.475	178	4204784	40.717	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.393	216	1039719	40.252	ng/uL	93
76) Pentachlorobenzene	14.910	250	1010109	40.873	ng/uL	96
77) Carbazole	17.745	167	3896471	41.788	ng/ul	98
78) Di-n-butylphthalate	18.304	149	4822902	43.577	ng/ul	100
80) Fluoranthene	19.398	202	4715176	41.348	ng/ul	99
82) Pyrene	19.763	202	4963339	41.350	ng/ul	98
83) Butylbenzylphthalate	20.657	149	2221633	44.581	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	1630666	43.375	ng/ul	99
85) Benzo(a)anthracene	21.521	228	4776155	40.585	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	3211630	43.171	ng/ul	100
87) Chrysene	21.574	228	4452594	39.723	ng/ul	97
89) Di-n-octyl phthalate	22.380	149	5632985	43.306	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	5078110	40.910	ng/ul	95
91) Benzo(k)fluoranthene	23.280	252	4886297	40.005	ng/ul	97
93) Benzo(a)pyrene	23.874	252	4531664	41.699	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.527	276	5607793m	43.365	ng/ul	
95) Dibenzo(a,h)anthracene	26.539	278	4567705m	42.691	ng/ul	
96) Benzo(g,h,i)perylene	27.315	276	4510931m	43.215	ng/ul	

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

Instrument :

BNA_N

ClientSampleId :

SSTD040214

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

