Quantitation Report (Qedit)

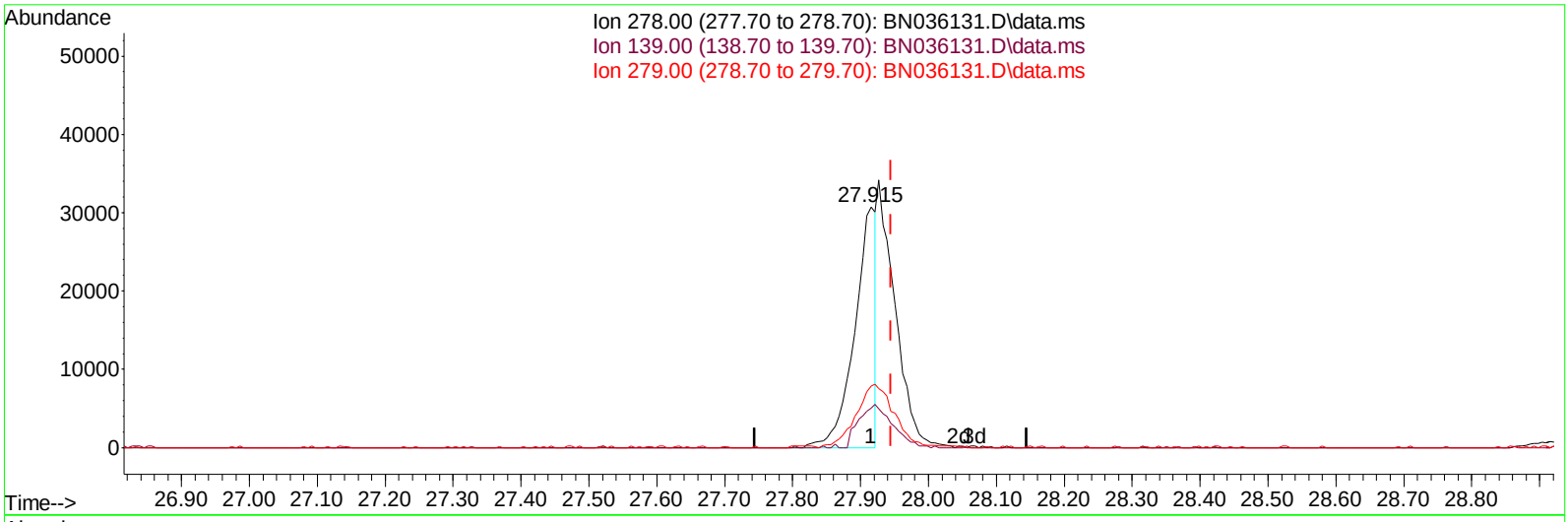
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036131.D
Acq On : 30 Jan 2025 13:49
Operator : RC/JU
Sample : SSTD00505
Misc :
ALS Vial : 3 Sample Multiplier: 1

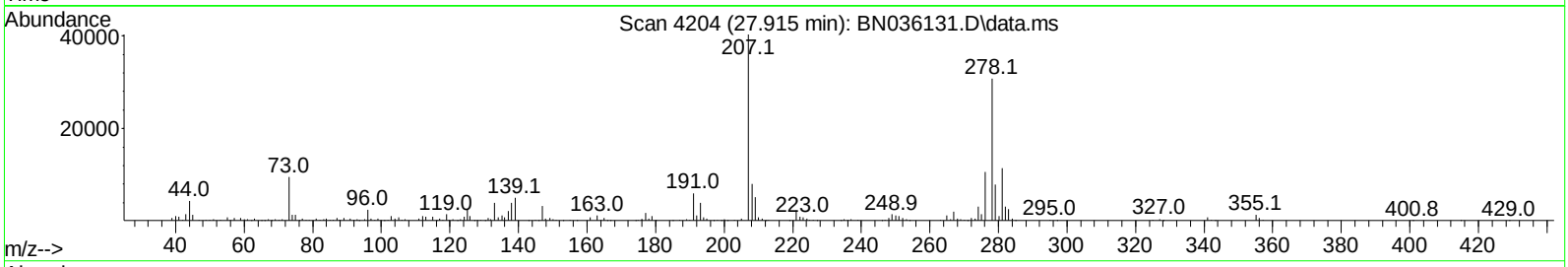
Quant Time: Jan 30 16:25:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 30 15:42:04 2025
Response via : Initial Calibration

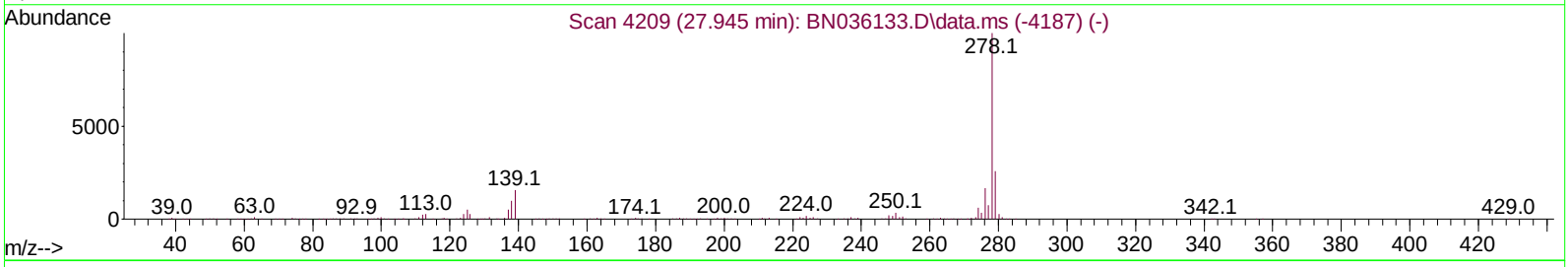
Instrument :
BNA_N
ClientSampleId :
SSTD005245

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BN036131.D\data.ms

(95) Dibenzo(a,h)anthracene

27.915min (-0.029) 2.24 ng/ul

response 66493

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	16.31
279.00	25.60	25.55
0.00	0.00	0.00

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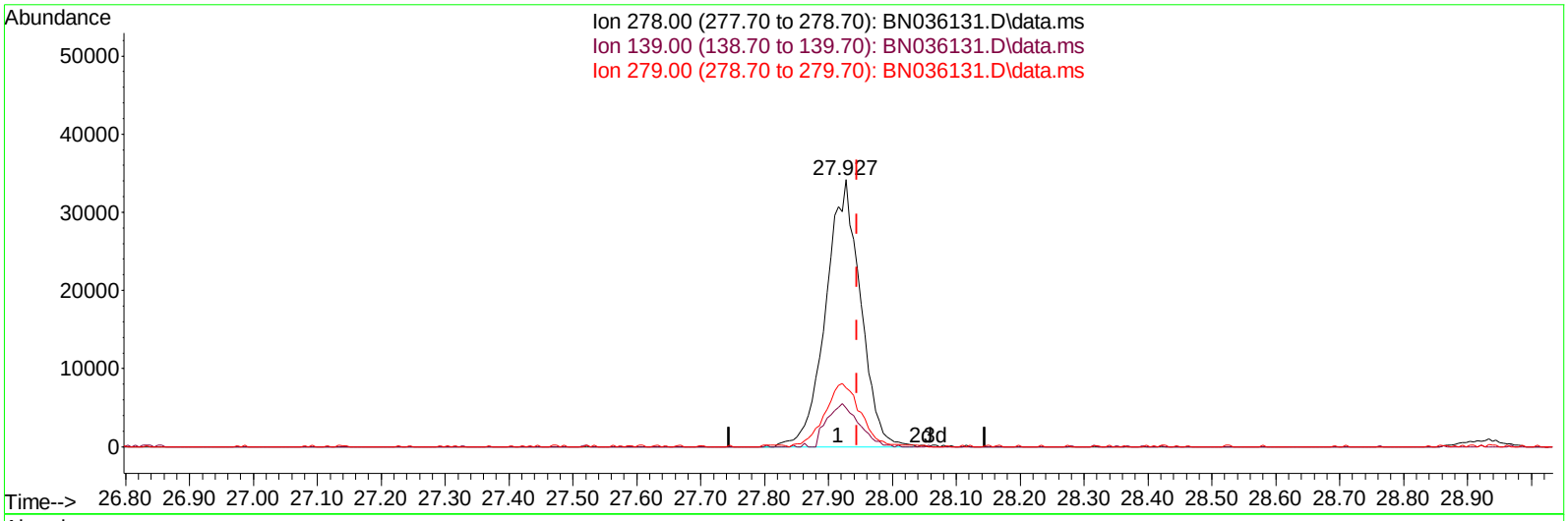

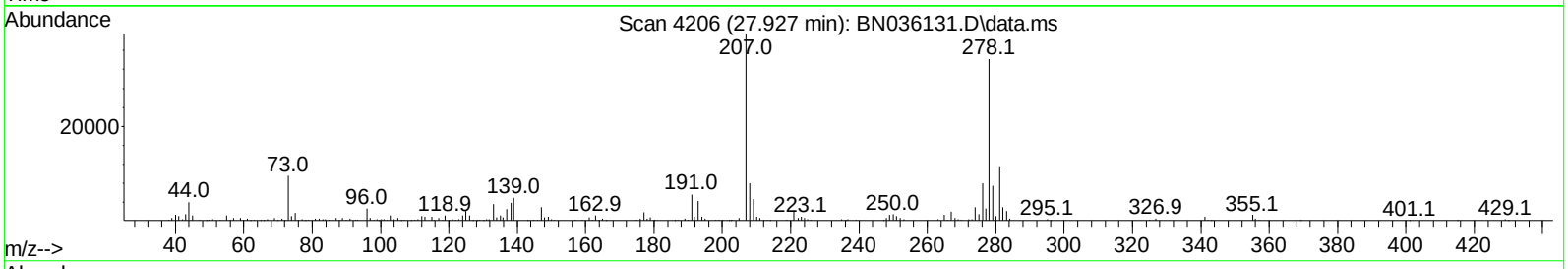

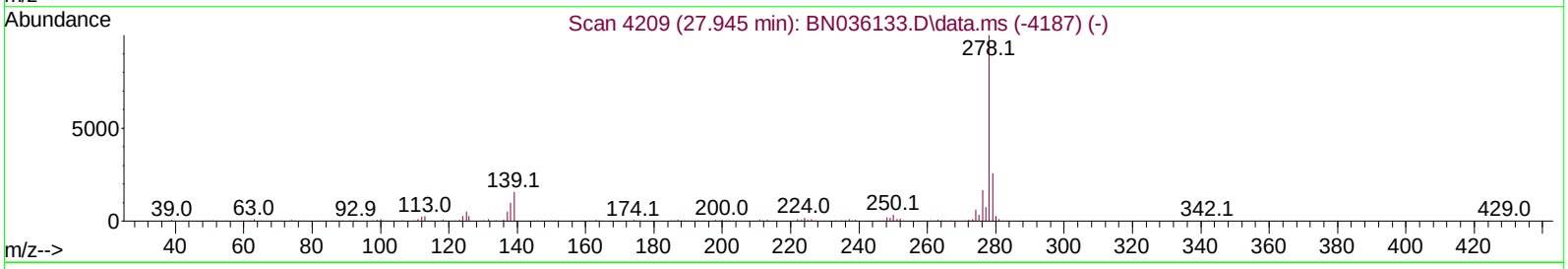

TIC: BN036131.D\data.ms

(95) Dibenzo(a,h)anthracene

27.927min (-0.018) 4.32 ng/ul m

response 128593

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	14.56
279.00	25.60	21.99
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	106867	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	411479	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	276600	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	566730	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	576394	20.000	ng/ul	0.00
88) Perylene-d12	24.457	264	534987	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	5033	1.912	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.340	132	32144	5.026	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.946	128	15179	5.094	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	16623	5.784	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	30616	4.944	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.845	166	100283	5.237	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	109381	4.719	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.428	176	84263	4.920	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.275	188	132332	4.738	ng/ul	0.00
81) Pyrene-d10	19.575	212	159891	5.215	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.239	264	134743	5.072	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	5261	1.846	ng/uL#	87
12) 2-Chlorophenol	7.369	128	33427	4.996	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.599	70	28450	5.701	ng/ul	97
19) Hexachloroethane	8.875	117	15232	4.829	ng/ul	89
22) Nitrobenzene	8.987	77	43785	5.194	ng/ul	96
23) Isophorone	9.516	82	74649	5.299	ng/ul	98
25) 2-Nitrophenol	9.699	139	18192	5.563	ng/ul	97
26) 2,4-Dimethylphenol	9.781	107	39794	5.158	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.999	93	46579	5.596	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	31676	4.976	ng/ul	99
30) Naphthalene	10.634	128	108899	4.973	ng/ul	98
33) Hexachlorobutadiene	10.934	225	24504	4.648	ng/ul	98
35) 4-Chloro-3-methylphenol	11.910	107	36004	5.478	ng/ul	99
36) 2-Methylnaphthalene	12.251	142	76437	5.280	ng/ul	95
37) 1-Methylnaphthalene	12.475	142	73419	5.136	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	42540	4.447	ng/ul	94
41) 2,4,6-Trichlorophenol	12.875	196	26265	5.024	ng/ul	97
42) 2,4,5-Trichlorophenol	12.975	196	27909	4.813	ng/ul	94
43) 1,1'-Biphenyl	13.269	154	101026	4.838	ng/ul	97
44) 2-Chloronaphthalene	13.304	162	79607	4.766	ng/ul	96
45) 2-Nitroaniline	13.510	65	24131	5.531	ng/ul	99
47) Dimethylphthalate	13.893	163	102203	5.316	ng/ul	97
48) 2,6-Dinitrotoluene	14.004	165	17834	5.323	ng/ul	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.151	152	118540	4.841	ng/ul	98
52) Acenaphthene	14.498	153	87354	4.936	ng/ul	98
56) Dibenzofuran	14.834	168	121256	4.972	ng/ul	97
57) 2,4-Dinitrotoluene	14.793	165	27071	5.448	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	24142	5.524	ng/ul	98
59) Diethylphthalate	15.257	149	105700	5.608	ng/ul	97
61) Fluorene	15.481	166	98982	5.069	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.481	204	50416	5.054	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	83681	4.951	ng/ul	97
68) 4-Bromophenyl-phenylether	16.375	248	29466	4.983	ng/ul	97
69) Hexachlorobenzene	16.487	284	32009	4.824	ng/ul	96
72) Phenanthrene	17.222	178	157405	4.913	ng/ul	99
74) Anthracene	17.316	178	158104	4.958	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	41355	4.358	ng/uL	94
76) Pentachlorobenzene	14.757	250	41426	4.571	ng/uL	95
78) Di-n-butylphthalate	18.151	149	187580	6.323	ng/ul	100
80) Fluoranthene	19.239	202	183079	5.146	ng/ul	100
82) Pyrene	19.604	202	196167	5.105	ng/ul	99
83) Butylbenzylphthalate	20.510	149	85121	7.750	ng/ul	100
85) Benzo(a)anthracene	21.410	228	196368	5.101	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	127114	7.774	ng/ul	99
87) Chrysene	21.469	228	184949	4.988	ng/ul	99
90) Benzo(b)fluoranthene	23.492	252	173568	5.467	ng/ul	99
91) Benzo(k)fluoranthene	23.557	252	169764	5.238	ng/ul	100
93) Benzo(a)pyrene	24.310	252	150514	5.004	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.862	276	156994	4.226	ng/ul	99
95) Dibenzo(a,h)anthracene	27.927	278	128593m	4.323	ng/ul	
96) Benzo(g,h,i)perylene	28.927	276	120811	4.150	ng/ul	97

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

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