LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037692.D
Acq On : 25 Nov 2022 11:25
Operator : CG/JU
Sample : N5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X3D62

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Title : SVOA CALIBRATION

Signal : TIC: BM037692.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.875	79	83	99	rBV	480493	798859	0.68%	0.288%
2	4.228	135	143	158	rBV3	54253118	116932209	100.00%	42.164%
3	5.175	298	304	314	rVB	383895	556941	0.48%	0.201%
4	7.246	648	656	670	rBV2	1787333	3781738	3.23%	1.364%
5	7.434	681	688	696	rBV	592309	916041	0.78%	0.330%
6	7.640	716	723	726	rBV	807505	1291062	1.10%	0.466%
7	7.675	726	729	735	rVB	569916	807284	0.69%	0.291%
8	8.116	798	804	811	rVB	475112	739253	0.63%	0.267%
9	8.651	884	895	900	rBV2	587133	1431113	1.22%	0.516%
10	8.828	914	925	933	rBV	965476	1577205	1.35%	0.569%
11	8.928	933	942	950	rBV	1827229	2806702	2.40%	1.012%
12	9.210	983	990	996	rBV	348015	542457	0.46%	0.196%
13	9.287	996	1003	1006	rBV	804785	1286943	1.10%	0.464%
14	9.328	1006	1010	1019	rVB	965749	1566103	1.34%	0.565%
15	9.593	1049	1055	1063	rVB	552782	865259	0.74%	0.312%
16	10.010	1116	1126	1138	rBV	631389	1044692	0.89%	0.377%
17	10.340	1174	1182	1188	rBV	682347	1010563	0.86%	0.364%
18	10.551	1211	1218	1230	rBV	970885	1591187	1.36%	0.574%
19	10.940	1276	1284	1288	rBV	668209	1147883	0.98%	0.414%
20	10.987	1288	1292	1300	rVV	942508	1561650	1.34%	0.563%
21	11.069	1300	1306	1320	rVV	282622	525440	0.45%	0.189%
22	11.869	1434	1442	1446	rBV	402342	829049	0.71%	0.299%
23	12.210	1492	1500	1513	rBV	1522270	2336851	2.00%	0.843%
24	12.445	1534	1540	1548	rBV	1250762	1941483	1.66%	0.700%
25	12.804	1593	1601	1610	rVB	2102274	3213094	2.75%	1.159%
26	13.181	1658	1665	1671	rBV	667299	961667	0.82%	0.347%
27	13.251	1671	1677	1688	rVB	661242	983622	0.84%	0.355%
28	13.628	1735	1741	1753	rVB	2596640	3895266	3.33%	1.405%
29	14.145	1822	1829	1833	rBV	1747767	2387144	2.04%	0.861%
30	14.192	1833	1837	1844	rVB	1674790	2139617	1.83%	0.772%
31	14.439	1872	1879	1881	rBV	1888895	2838728	2.43%	1.024%
32	14.463	1881	1883	1892	rVB	1679121	2231309	1.91%	0.805%
33	14.739	1920	1930	1936	rBV	1138778	1642075	1.40%	0.592%
34	14.804	1936	1941	1949	rVB	1189090	1700956	1.45%	0.613%
35	14.939	1954	1964	1984	rBV3	2742399	5035513	4.31%	1.816%
36	15.133	1991	1997	2004	rVB	1446928	1992585	1.70%	0.718%

LSC Area Percent Report

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Sample : N5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3D62

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Title : SVOA CALIBRATION

37	15.239	2009	2015	2021	rBV	2249161	3023837	2.59%	1.090%
38	15.357	2028	2035	2043	rBV	734987	1011105	0.86%	0.365%
39	15.545	2061	2067	2079	rVB	3327519	4321821	3.70%	1.558%
40	15.727	2088	2098	2102	rBV	2545569	3541988	3.03%	1.277%
41	15.775	2102	2106	2112	rVV2	3661671	5994411	5.13%	2.161%
42	15.833	2112	2116	2123	rVB	917596	1224931	1.05%	0.442%
43	16.663	2251	2257	2267	rVB	3417350	4516914	3.86%	1.629%
44	16.780	2271	2277	2283	rVB	960775	1334095	1.14%	0.481%
45	17.121	2328	2335	2337	rBV	1702659	2346215	2.01%	0.846%
46	17.151	2337	2340	2349	rVB	2220728	2851763	2.44%	1.028%
47	17.474	2389	2395	2399	rBV	1426891	2148817	1.84%	0.775%
48	17.521	2399	2403	2407	rVV	3613344	4832797	4.13%	1.743%
49	17.574	2407	2412	2422	rVB	2895158	3944940	3.37%	1.422%
50	17.951	2469	2476	2485	rBV	3246790	4245740	3.63%	1.531%
51	18.086	2494	2499	2503	rBV	184646	240750	0.21%	0.087%
52	18.427	2552	2557	2565	rBV	2496345	3071986	2.63%	1.108%
53	19.521	2734	2743	2750	rBV	3195559	4039652	3.45%	1.457%
54	19.857	2794	2800	2810	rBV	3417716	4566300	3.91%	1.647%
55	20.762	2949	2954	2959	rBV	3092818	3321878	2.84%	1.198%
56	20.827	2961	2965	2970	rVB	158821	189003	0.16%	0.068%
57	21.533	3081	3085	3094	rBV	2635800	2817623	2.41%	1.016%
58	21.627	3095	3101	3106	rBV2	3596556	6633601	5.67%	2.392%
59	21.680	3106	3110	3118	rVB	2820871	3399650	2.91%	1.226%
60	22.492	3242	3248	3255	rBV	5227196	6987625	5.98%	2.520%
61	23.368	3390	3397	3401	rBV	1414872	2720956	2.33%	0.981%
62	23.421	3401	3406	3414	rVB	2972599	4976192	4.26%	1.794%
63	23.974	3492	3500	3513	rVB	2242074	4851283	4.15%	1.749%
64	24.133	3520	3527	3535	rVB	1141428	2295917	1.96%	0.828%
65	26.750	3962	3972	3994	rVB2	1413548	4968902	4.25%	1.792%

Sum of corrected areas: 277330235

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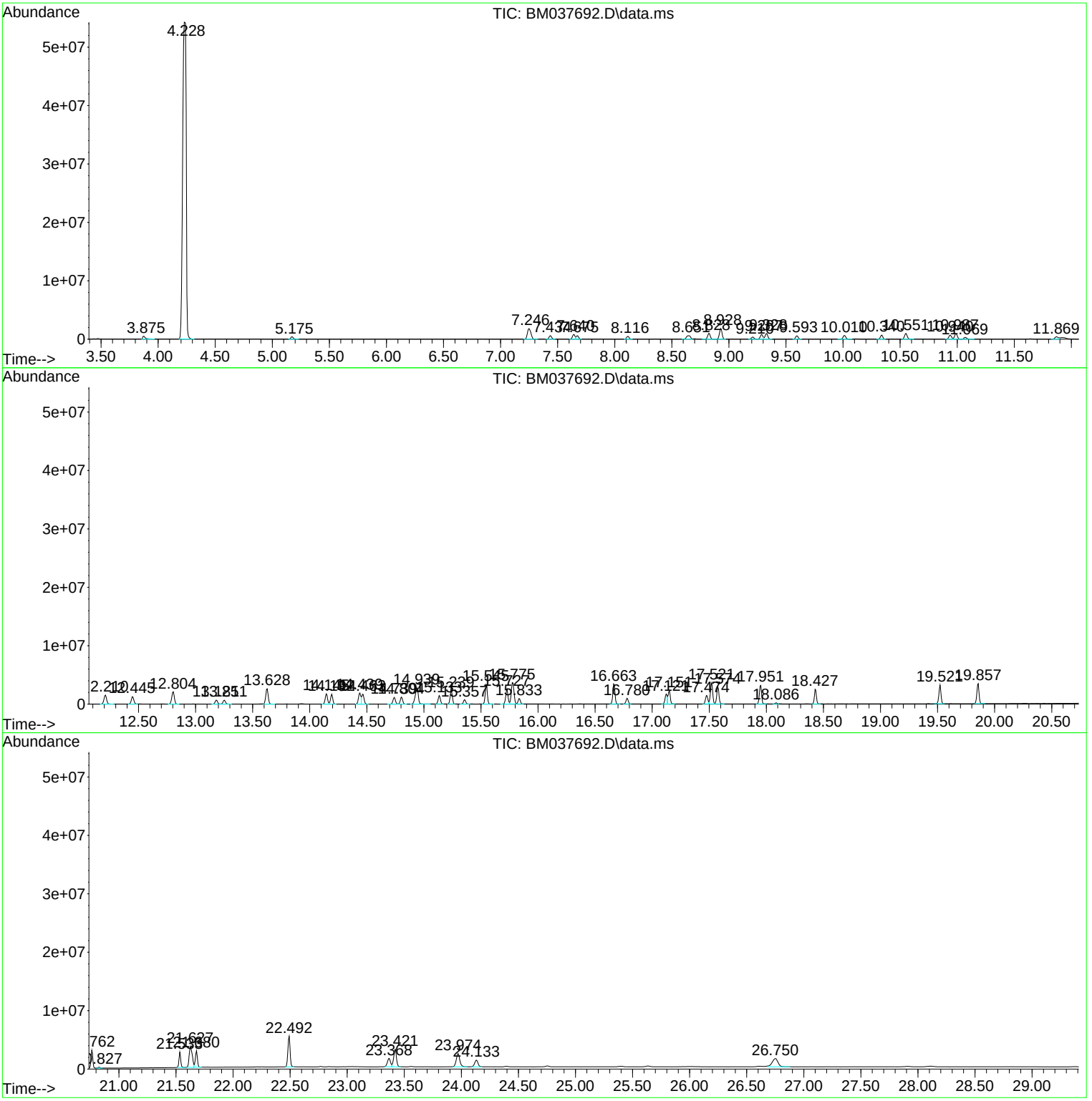
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3D62

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
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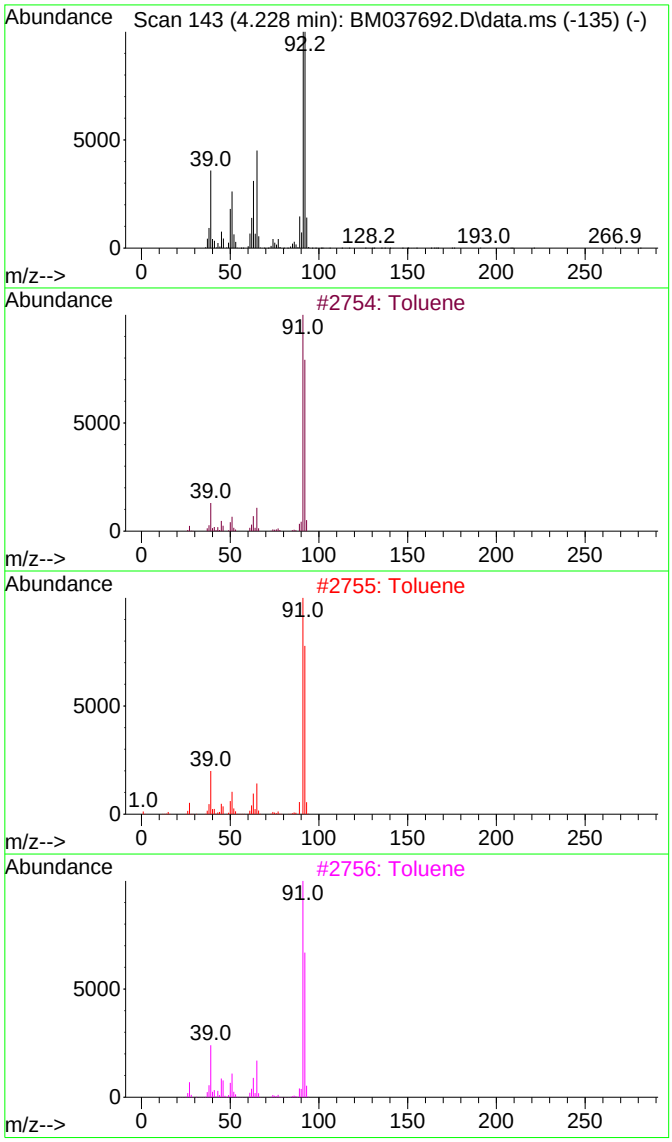
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

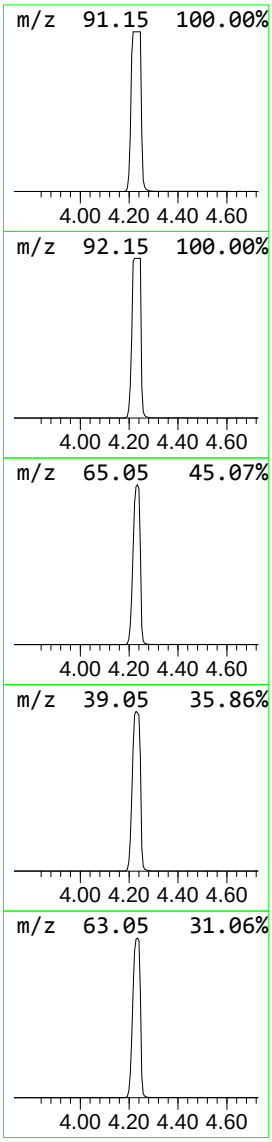
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.228	3163.52 ng/ul	116932000	1,4-Dichlorobenzene-d4	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	90
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
5	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037692.D
Acq On : 25 Nov 2022 11:25
Operator : CG/JU
Sample : N5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3D62

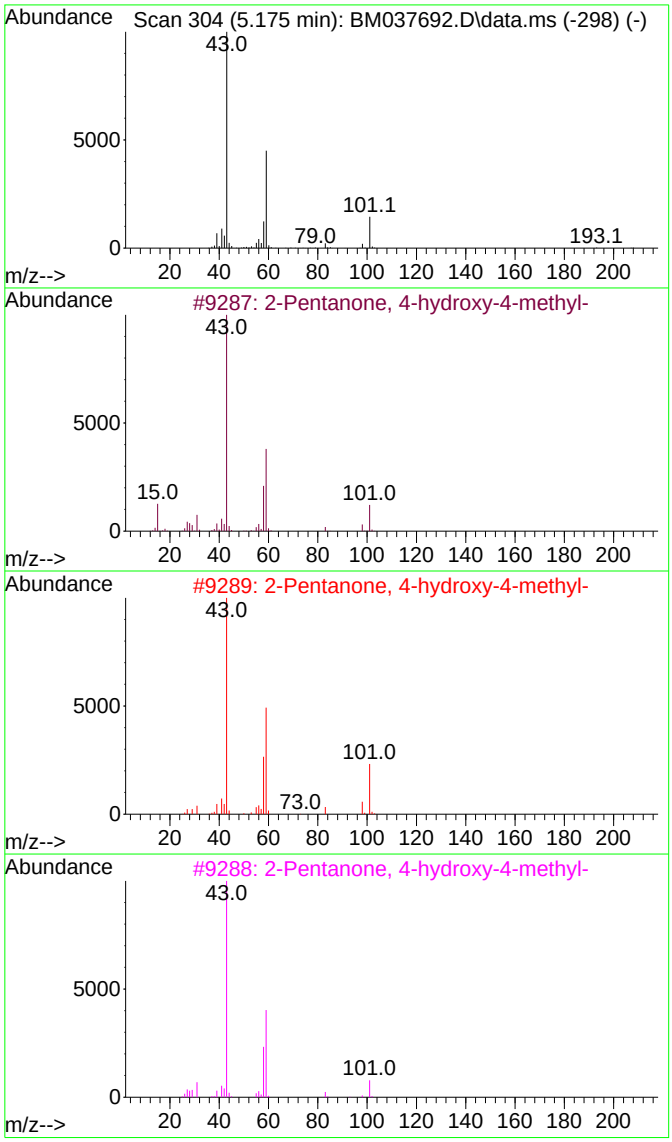
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

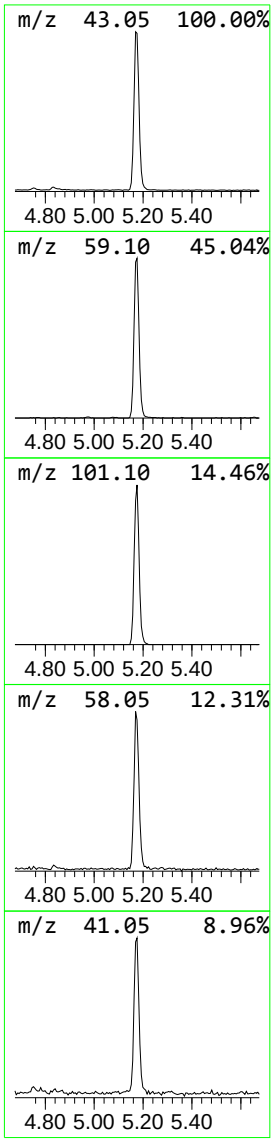
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	15.07 ng/ul	556941	1,4-Dichlorobenzene-d4	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Sample : N5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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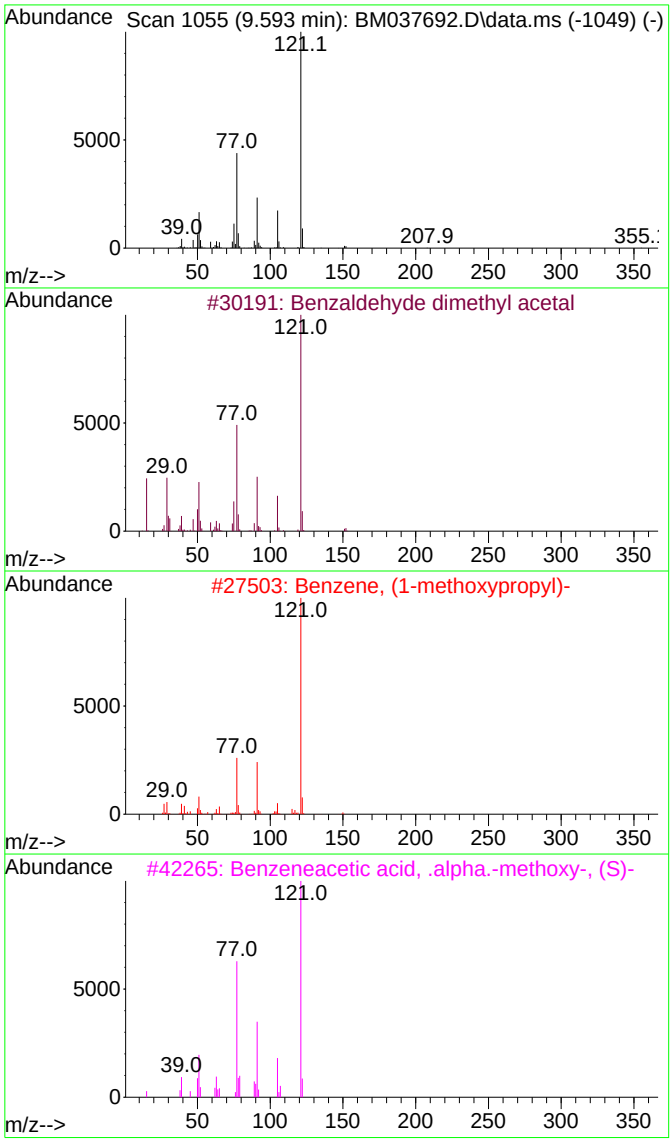
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

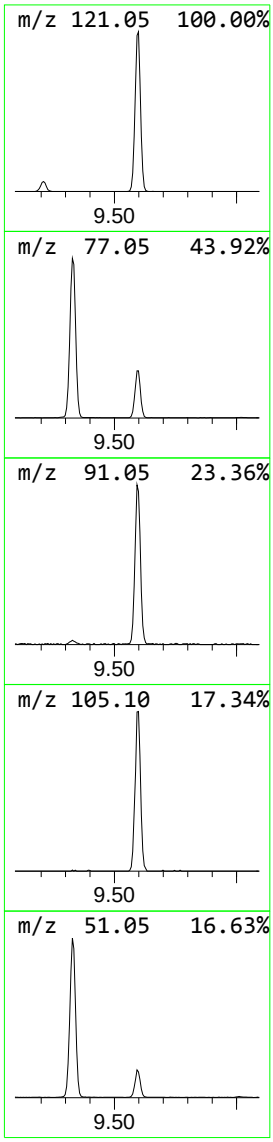
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzaldehyde dimethyl acetal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.593	15.08 ng/ul	865259	Naphthalene-d8	10.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
2	Benzene, (1-methoxypropyl)-	150	C10H14O	059588-12-4	72
3	Benzeneacetic acid, .alpha.-meth...	166	C9H10O3	026164-26-1	64
4	(R)-(-)-.alpha.-Methoxyphenylace...	166	C9H10O3	003966-32-3	64
5	.alpha.-Hydroxy-.alpha.-methylbe...	226	C15H14O2	005623-26-7	56





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

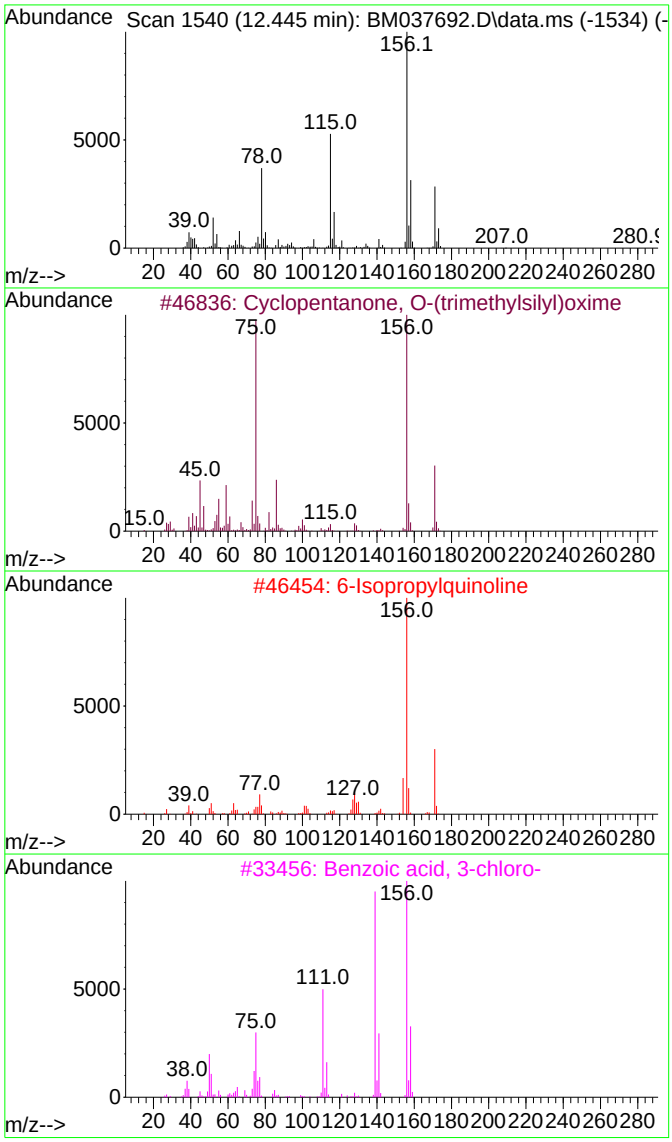
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

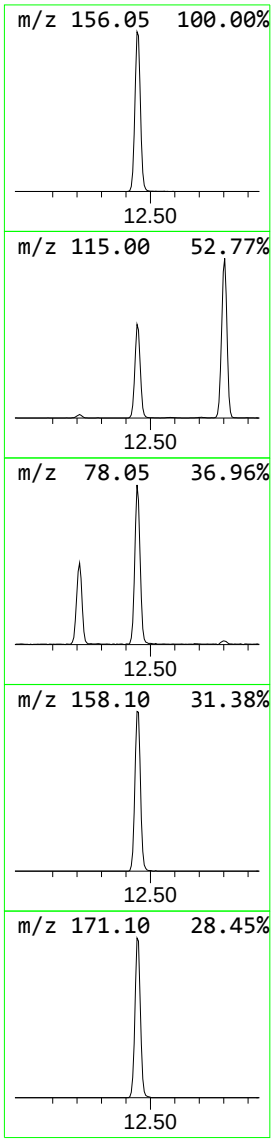
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	33.83 ng/ul	1941480	Naphthalene-d8	10.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	38
2	6-Isopropylquinoline	171	C12H13N	000135-79-5	37
3	Benzoic acid, 3-chloro-	156	C7H5ClO2	000535-80-8	32
4	2-Chloro-4,6-dimethyl-3-pyridina...	156	C7H9ClN2	140413-40-7	32
5	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	32





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

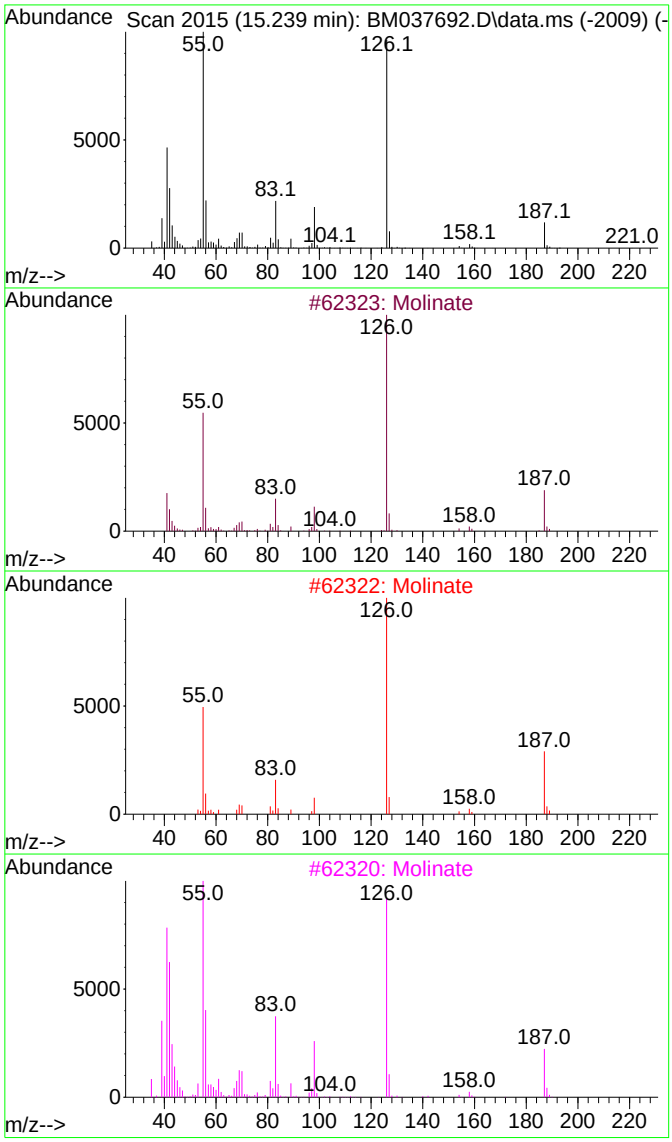
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

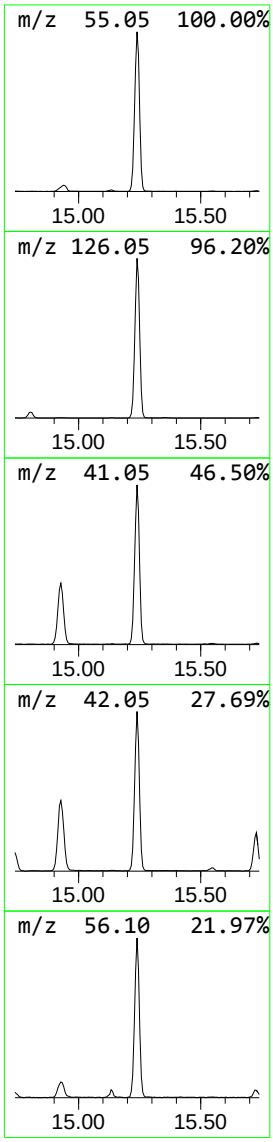
****

Peak Number 5 Molinate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	36.83 ng/ul	3023840	Acenaphthene-d10	14.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Molinate	187	C9H17NOS	002212-67-1	97
2	Molinate	187	C9H17NOS	002212-67-1	95
3	Molinate	187	C9H17NOS	002212-67-1	93
4	3H-Pyrazol-3-one, 2,4-dihydro-2,...	126	C6H10N2O	017826-82-3	58
5	3H-Pyrazol-3-one, 1,2-dihydro-1,...	126	C6H10N2O	003201-26-1	53





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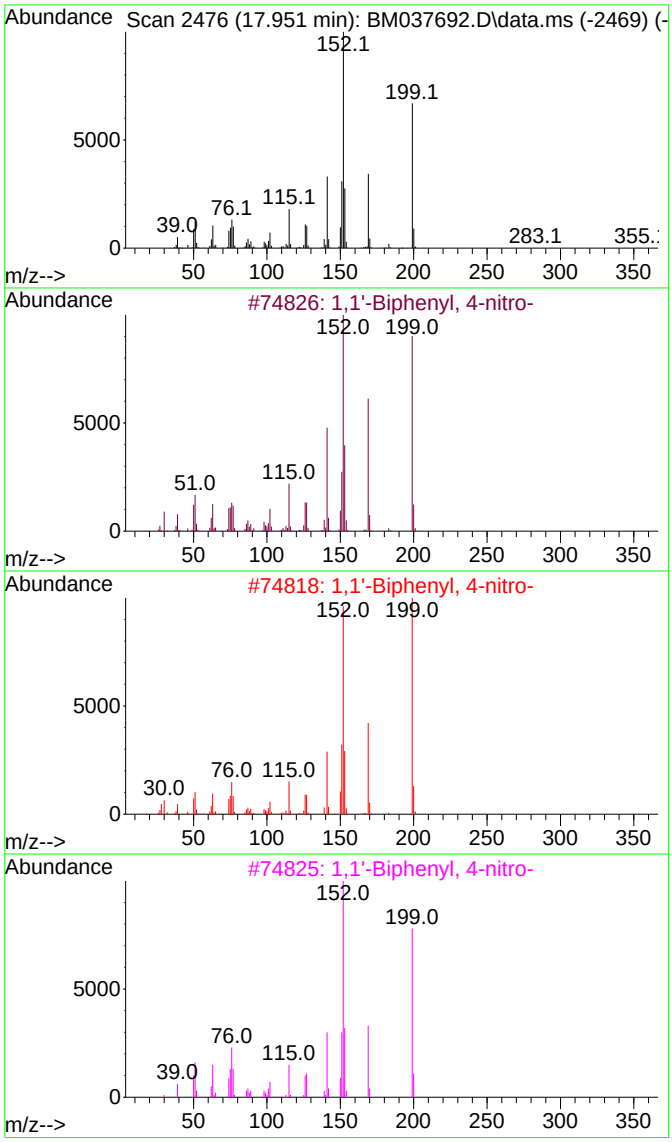
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

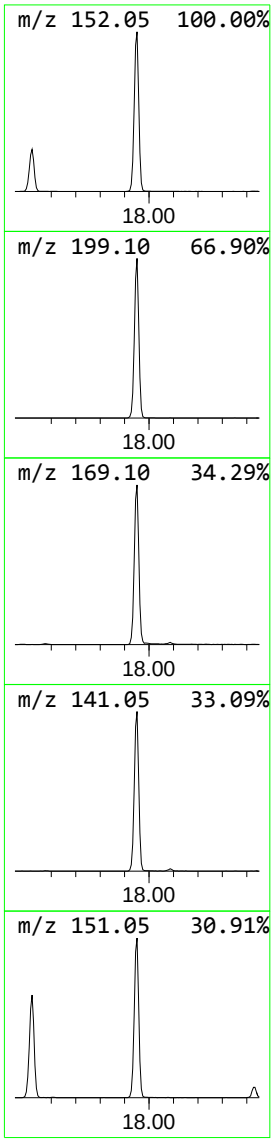
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	39.52 ng/ul	4245740	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	97
4	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	94
5	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	93





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Data File : BM037692.D
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Sample : N5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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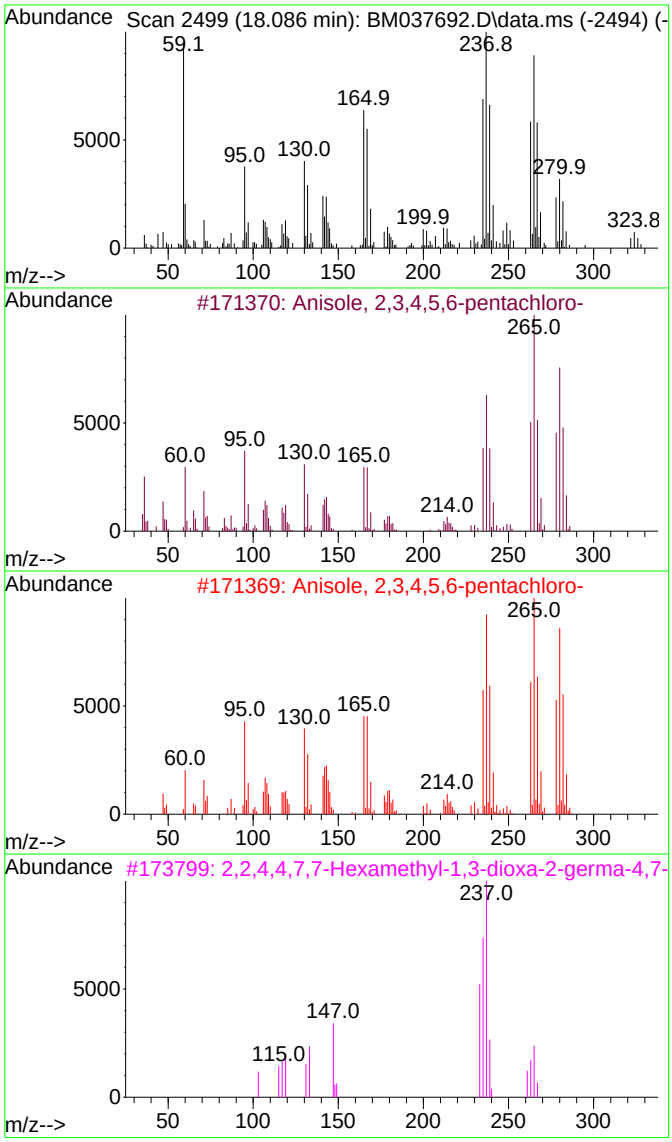
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

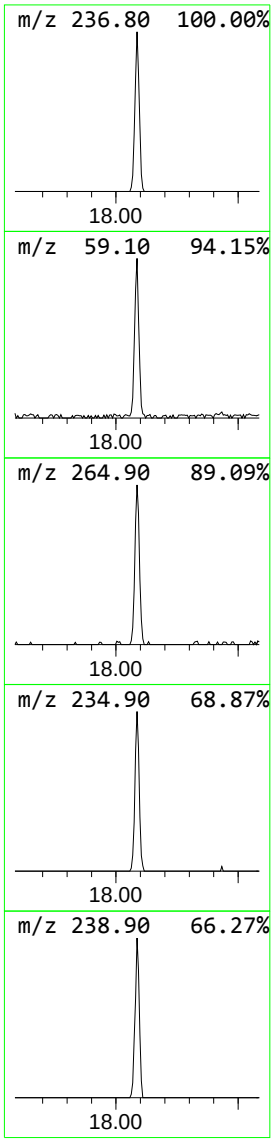
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anisole, 2,3,4,5,6-pentachl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	2.24 ng/ul	240750	Phenanthrene-d10	17.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	95
2	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	86
3	2,2,4,4,7,7-Hexamethyl-1,3-dioxa...	280	C8H22GeO2Si2	111098-04-5	43
4	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	38
5	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037692.D
Acq On : 25 Nov 2022 11:25
Operator : CG/JU
Sample : N5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3D62

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	4.228	3163.5	ng/ul	116932000	1	8.116	739253	20.0
2-Pentanone, 4-...	5.175	15.1	ng/ul	556941	1	8.116	739253	20.0
Benzaldehyde di...	9.593	15.1	ng/ul	865259	2	10.940	1147880	20.0
unknown-01	12.445	33.8	ng/ul	1941480	2	10.940	1147880	20.0
Molinate	15.239	36.8	ng/ul	3023840	3	14.739	1642080	20.0
1,1'-Biphenyl, ...	17.951	39.5	ng/ul	4245740	4	17.480	2148820	20.0
Anisole, 2,3,4,...	18.086	2.2	ng/ul	240750	4	17.480	2148820	20.0