

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135671.D
 Acq On : 10 Oct 2023 01:46
 Operator : CG\JU
 Sample : 04778-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_F\Methods\8270-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	486	489	500	rBV	197680	250795	12.98%	1.763%
2	5.375	556	559	578	rBV	1848530	1911584	98.96%	13.435%
3	6.386	728	731	753	rBV	1911462	1931722	100.00%	13.577%
4	6.739	787	791	801	rVB	735147	656969	34.01%	4.617%
5	7.304	884	887	898	rBV	1395162	1212647	62.78%	8.523%
6	8.016	1005	1008	1022	rBV	983869	842797	43.63%	5.923%
7	9.092	1187	1191	1195	rBV	1975044	1838989	95.20%	12.925%
8	9.216	1209	1212	1217	rVB	26666	25745	1.33%	0.181%
9	9.774	1303	1307	1315	rVB	1056671	866993	44.88%	6.094%
10	10.569	1439	1442	1454	rBV	1112342	1091947	56.53%	7.675%
11	11.268	1558	1561	1565	rBV	910767	790628	40.93%	5.557%
12	11.804	1649	1652	1660	rBV	121903	146097	7.56%	1.027%
13	12.492	1766	1769	1773	rBV	38772	35801	1.85%	0.252%
14	12.598	1783	1787	1791	rBV4	20023	28826	1.49%	0.203%
15	12.727	1803	1809	1814	rVB	30407	34278	1.77%	0.241%
16	12.863	1828	1832	1836	rBV	1544383	1325436	68.61%	9.316%
17	13.857	1993	2001	2008	rBV	23781	84417	4.37%	0.593%
18	13.933	2010	2014	2022	rVB	621260	609857	31.57%	4.286%
19	15.404	2259	2264	2275	rBV	400577	542616	28.09%	3.814%

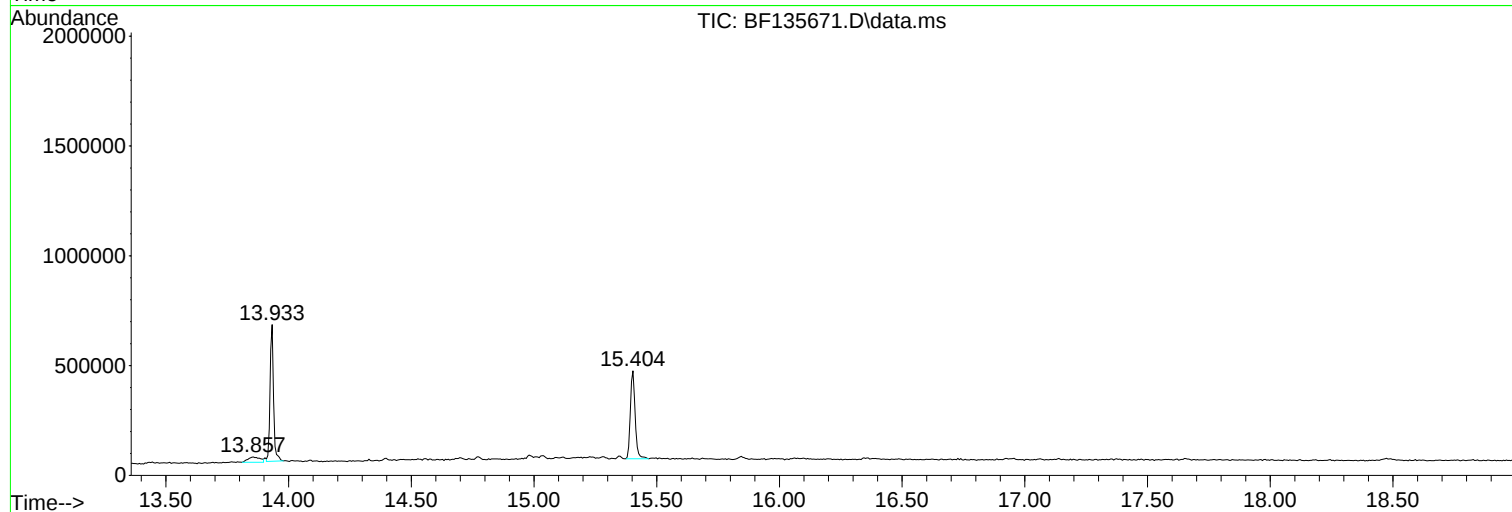
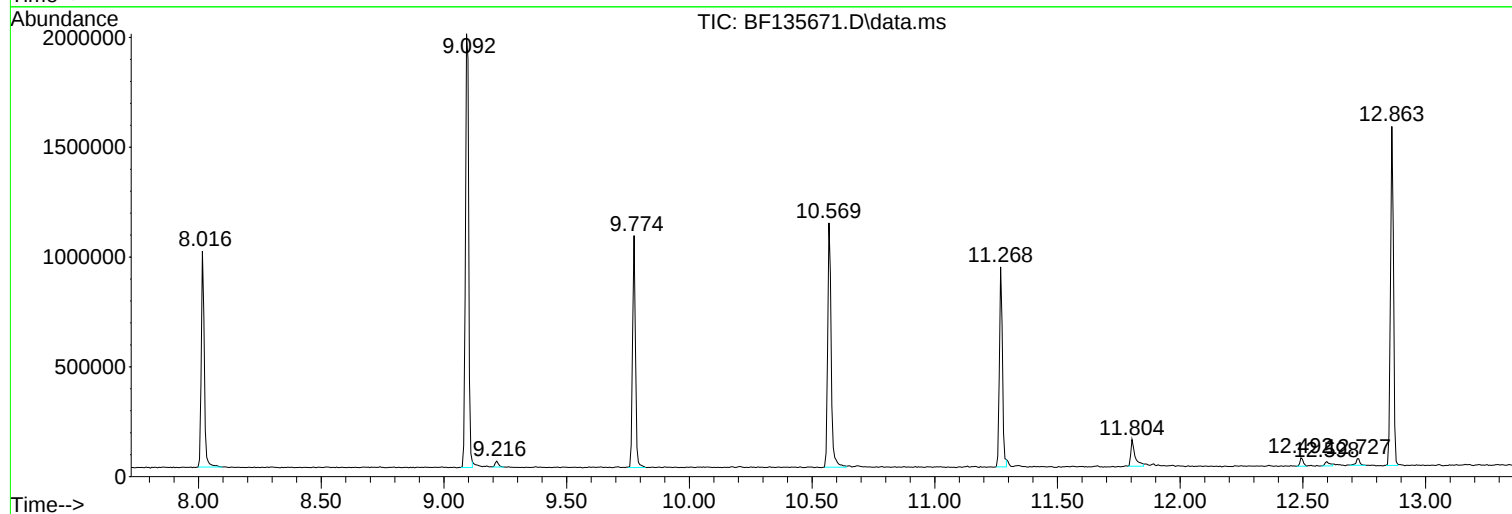
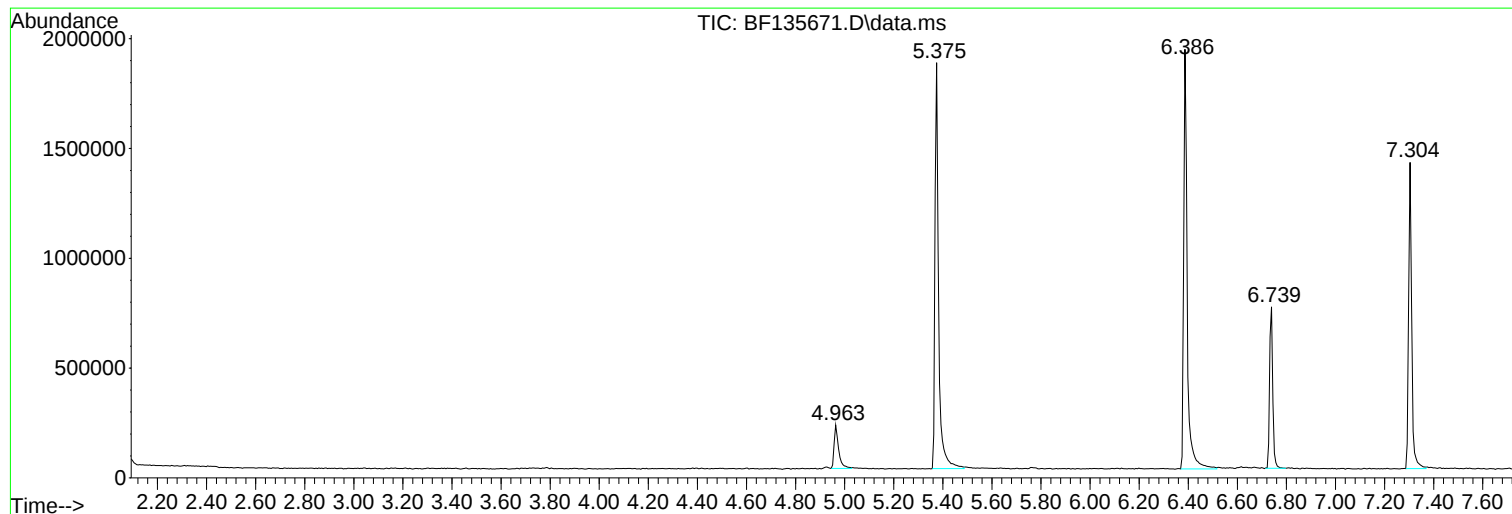
Sum of corrected areas: 14228144

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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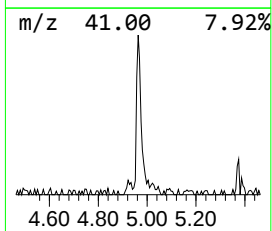
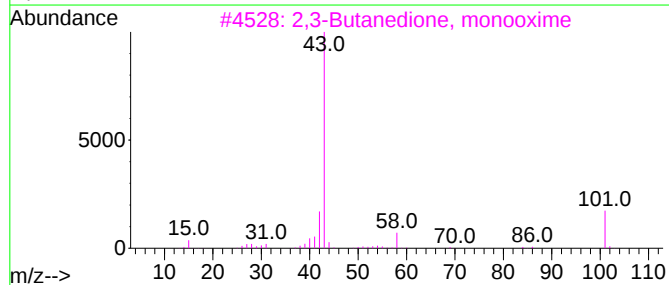
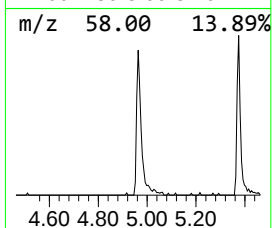
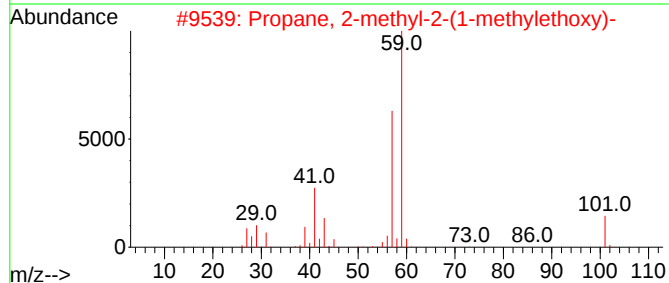
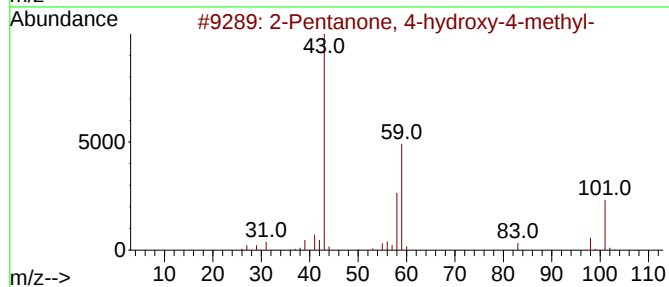
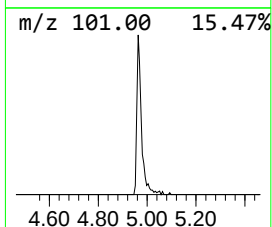
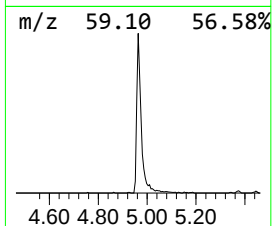
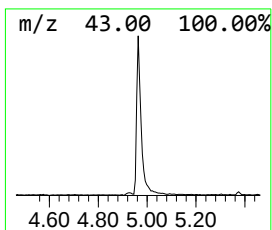
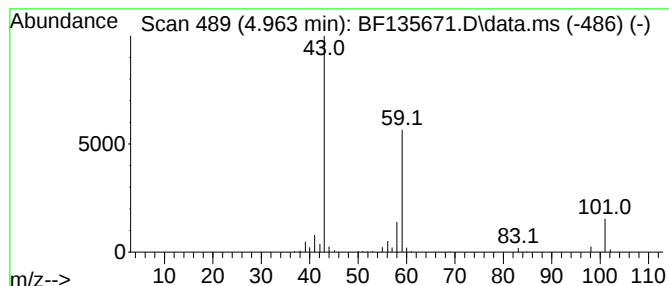
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	7.63 ng	250795	1,4-Dichlorobenzene-d4	6.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



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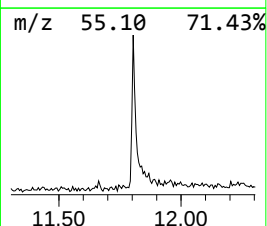
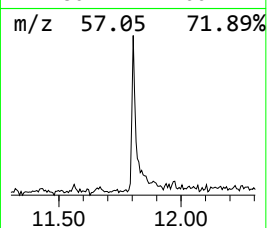
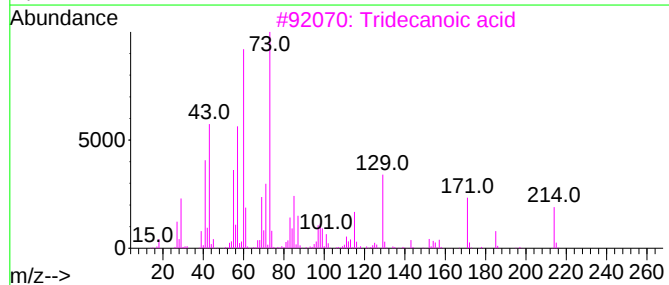
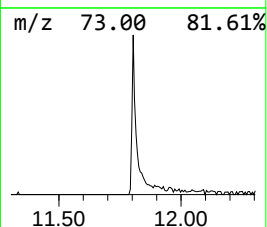
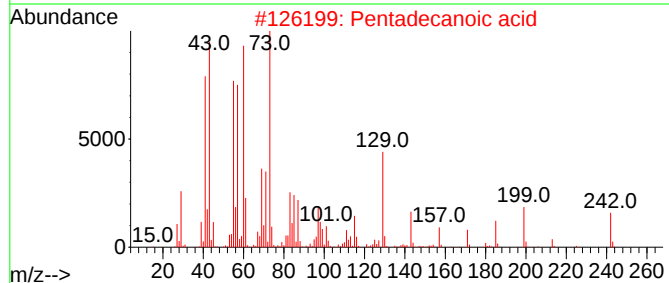
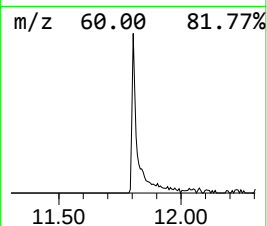
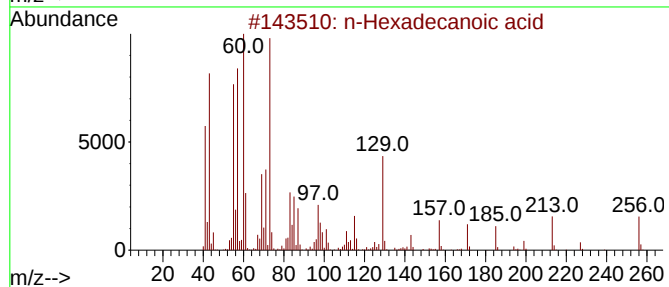
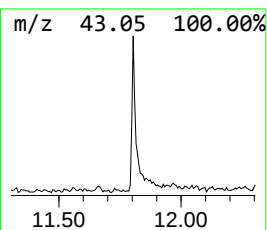
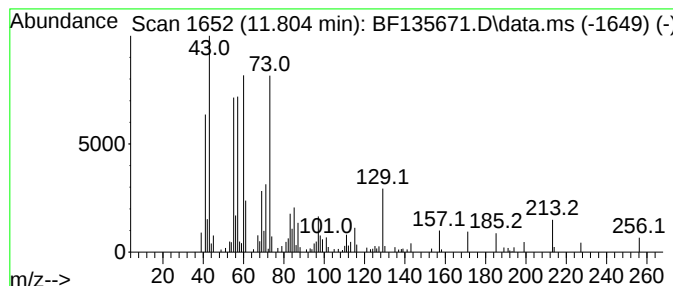
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	3.70 ng	146097	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	52



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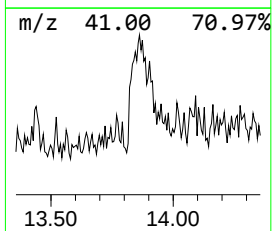
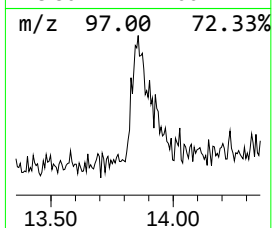
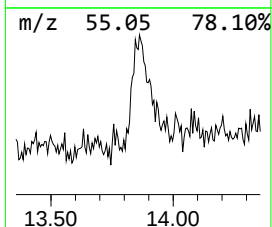
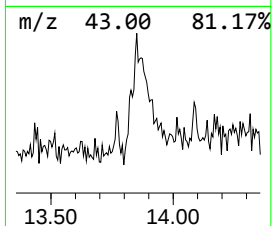
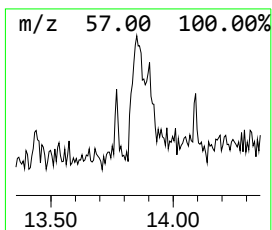
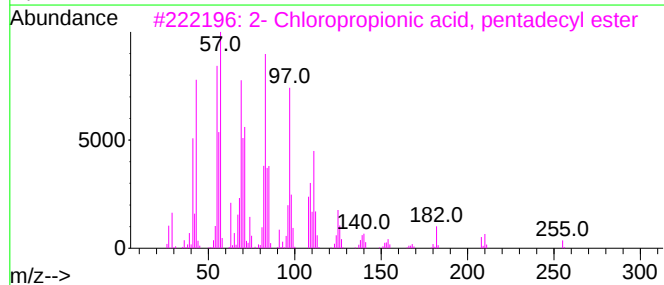
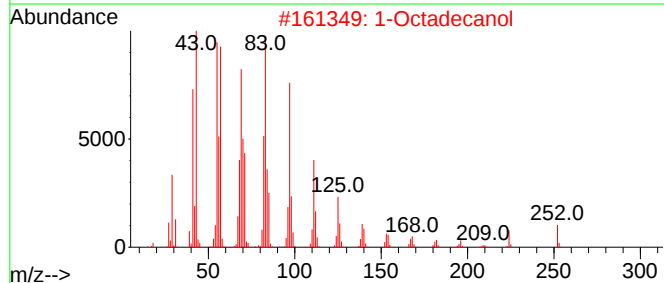
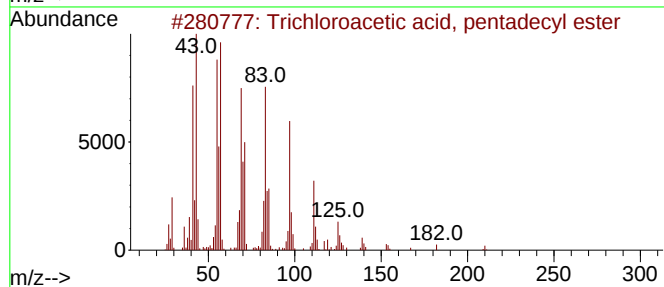
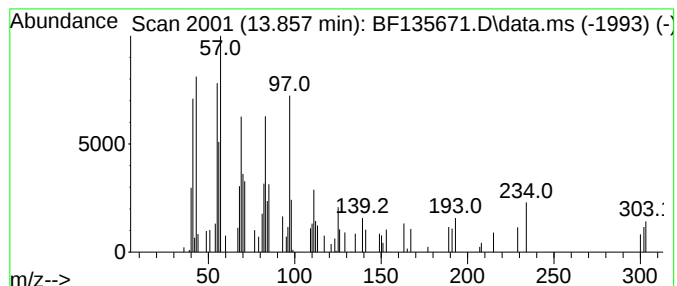
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Peak Number 3 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	2.77 ng	84417	Chrysene-d12	13.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
2			1-Octadecanol	270	C18H38O	000112-92-5	70
3			2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	70
4			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	64
5			Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.963	7.6	ng	250795	1	6.739	656969	20.0
n-Hexadecanoic ...	11.804	3.7	ng	146097	4	11.269	790628	20.0
Trichloroacetic...	13.857	2.8	ng	84417	5	13.933	609857	20.0