LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008413.D
Acq On : 17 Dec 2016 15:58
Operator : UM/SJ
Sample : H6067-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7H4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.893	48	52	59	rVB2	31265	47653	1.36%	0.141%
2	3.234	107	110	118	rVB	29844	40059	1.14%	0.119%
3	6.851	719	725	744	rBV2	375924	830801	23.70%	2.466%
4	7.004	746	751	764	rVB	344583	571508	16.31%	1.696%
5	7.198	778	784	795	rBV	452570	779293	22.23%	2.313%
6	7.663	857	863	872	rBV	406534	693128	19.77%	2.057%
7	8.375	978	984	1003	rBV	457722	938350	26.77%	2.785%
8	8.822	1054	1060	1078	rBV	420632	817146	23.31%	2.425%
9	9.539	1176	1182	1197	rBV	339167	646067	18.43%	1.918%
10	10.080	1268	1274	1297	rBV	392019	957855	27.33%	2.843%
11	10.433	1323	1334	1340	rBV	579475	1004616	28.66%	2.982%
12	10.480	1340	1342	1350	rVB2	24891	41194	1.18%	0.122%
13	10.598	1356	1362	1385	rBV	352632	870094	24.82%	2.583%
14	12.121	1616	1621	1630	rBV	37788	71656	2.04%	0.213%
15	12.339	1652	1658	1664	rBV	35864	62954	1.80%	0.187%
16	13.627	1869	1877	1881	rBV3	30942	59037	1.68%	0.175%
17	13.721	1887	1893	1898	rVV	983227	1485280	42.38%	4.409%
18	13.768	1898	1901	1912	rVB	232411	360866	10.30%	1.071%
19	13.992	1932	1939	1949	rBV	1198715	1818352	51.88%	5.397%
20	14.192	1967	1973	1978	rBV	45481	54558	1.56%	0.162%
21	14.298	1982	1991	1999	rBV	856808	1327790	37.88%	3.941%
22	14.586	2034	2040	2055	rBV2	92686	336976	9.61%	1.000%
23	14.715	2057	2062	2071	rVB4	27542	75189	2.15%	0.223%
24	15.098	2120	2127	2130	rBV4	18639	38485	1.10%	0.114%
25	15.145	2130	2135	2140	rVB2	77824	106600	3.04%	0.316%
26	15.304	2155	2162	2168	rBV	1404560	2215752	63.22%	6.577%
27	15.468	2184	2190	2199	rBV	175515	344913	9.84%	1.024%
28	15.551	2200	2204	2214	rVV4	46252	99755	2.85%	0.296%
29	16.009	2277	2282	2285	rBV	87988	146889	4.19%	0.436%
30	16.598	2373	2382	2384	rBV5	19254	37640	1.07%	0.112%
31	16.803	2411	2417	2421	rBV2	86019	109353	3.12%	0.325%
32	17.056	2454	2460	2465	rBV	1090684	1608388	45.89%	4.774%
33	17.098	2465	2467	2471	rVV	66182	86053	2.46%	0.255%
34	17.156	2471	2477	2488	rVB	1646432	2481011	70.78%	7.364%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : DA7H4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	17.539	2538	2542	2548	rVB2	70207	91639	2.61%	0.272%
36	17.945	2605	2611	2616	rBV4	89659	153131	4.37%	0.455%
37	18.233	2656	2660	2665	rBV2	47737	56086	1.60%	0.166%
38	18.868	2762	2768	2773	rBV3	63318	96030	2.74%	0.285%
39	19.127	2802	2812	2819	rBV	39334	81191	2.32%	0.241%
40	19.233	2827	2830	2835	rBV5	36810	57180	1.63%	0.170%
41	19.456	2862	2868	2880	rBV	2175181	3204363	91.42%	9.511%
42	19.991	2955	2959	2967	rVB2	78522	103368	2.95%	0.307%
43	20.386	3021	3026	3032	rBV	180080	236162	6.74%	0.701%
44	20.486	3040	3043	3051	rBV3	67198	96836	2.76%	0.287%
45	20.950	3118	3122	3128	rBV	175173	244793	6.98%	0.727%
46	21.256	3169	3174	3180	rBV	1584764	2175376	62.06%	6.457%
47	21.386	3194	3196	3200	rVB2	57492	56835	1.62%	0.169%
48	21.815	3267	3269	3273	rBV2	72268	81030	2.31%	0.241%
49	22.280	3345	3348	3353	rVB4	91412	127665	3.64%	0.379%
50	23.344	3522	3529	3541	rVB2	1826216	3505074	100.00%	10.404%
51	23.485	3546	3553	3561	rVB	1068999	2157846	61.56%	6.405%

Sum of corrected areas: 33689866

LSC Report - Integrated Chromatogram

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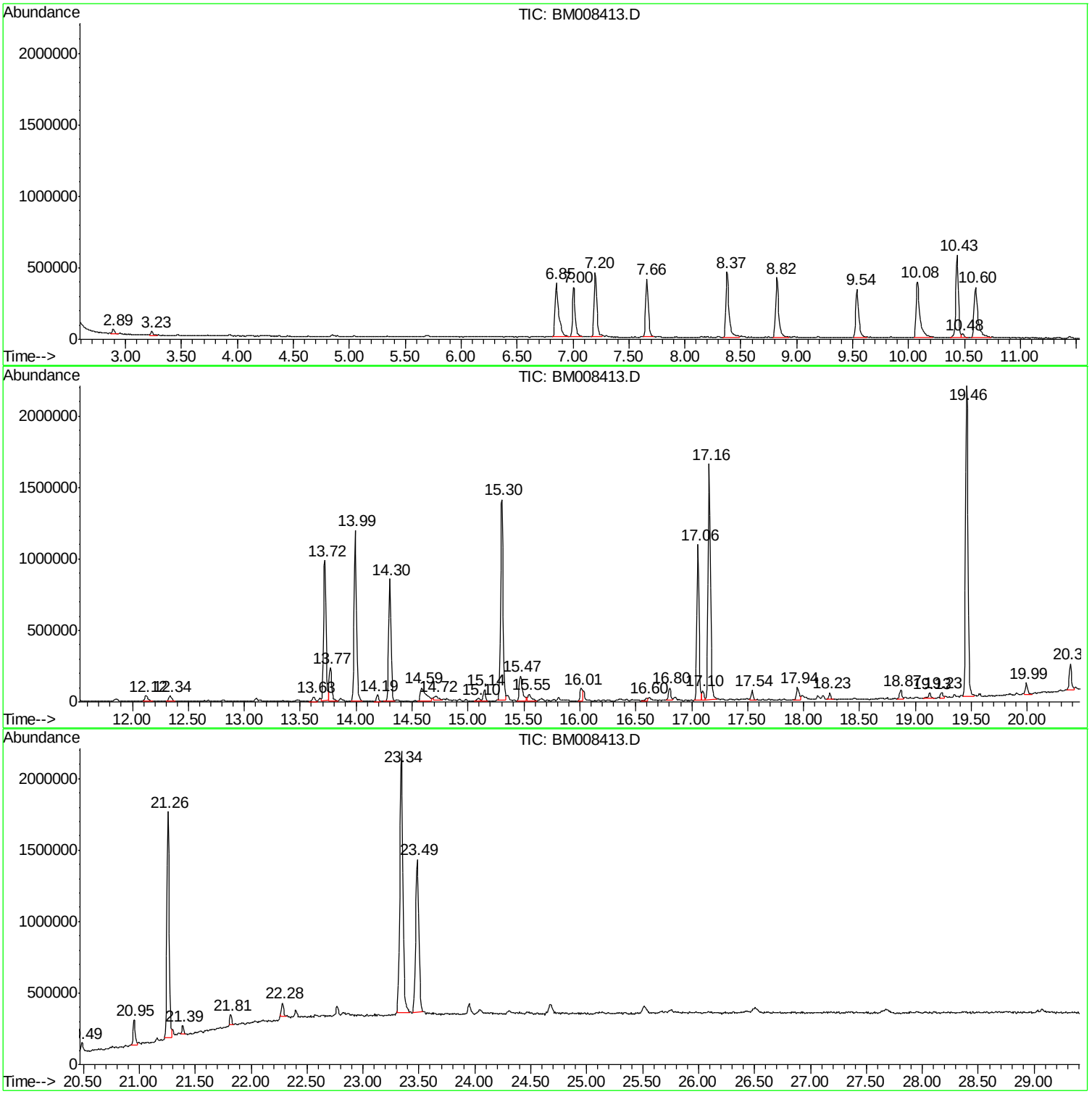
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7H4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008413.D
Acq On : 17 Dec 2016 15:58
Operator : UM/SJ
Sample : H6067-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7H4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

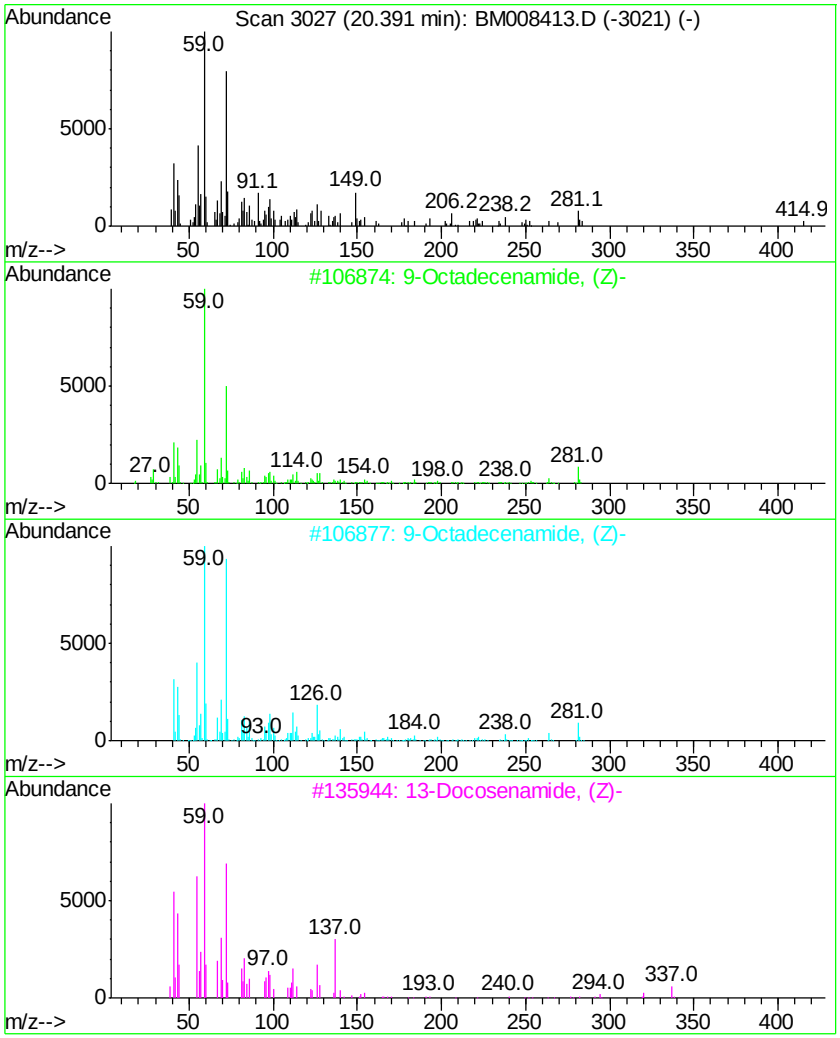
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

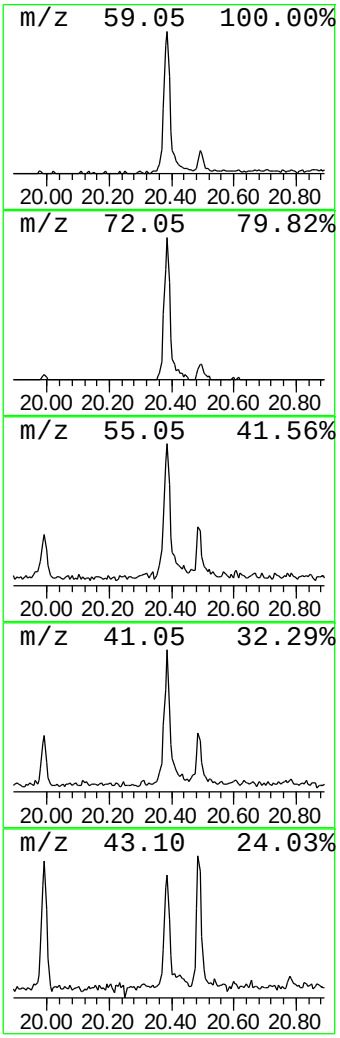
****

Peak Number 1 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.17 ng/ul	236162	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	53
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	42





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Instrument : BNA_M
ClientSampleId : DA7H4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

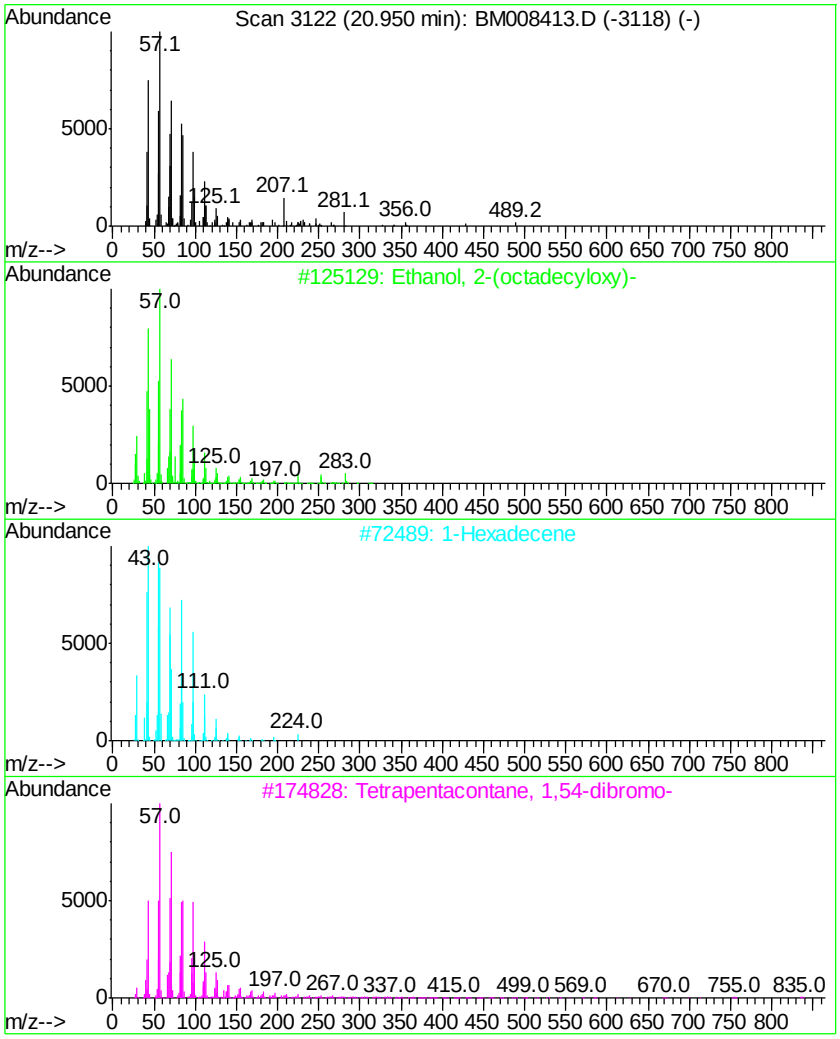
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

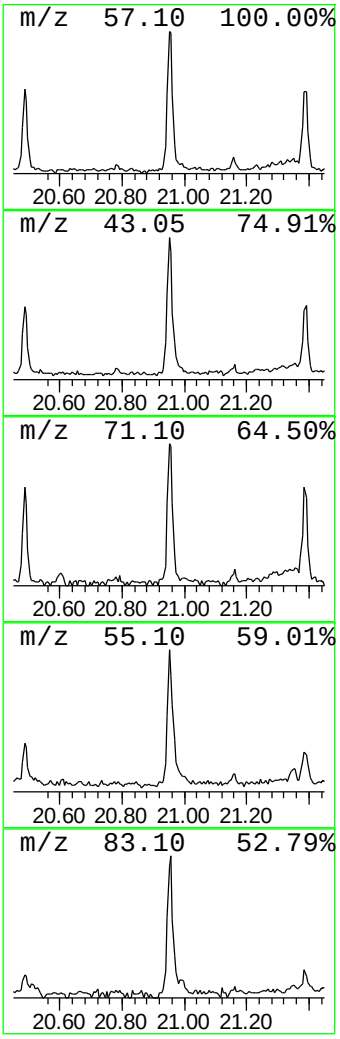
****

Peak Number 2 Ethanol, 2-(octadecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.25 ng/ul	244793	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
2	1-Hexadecene	224	C16H32	000629-73-2	80
3	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	68
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	60
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
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Operator : UM/SJ
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7H4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9-Octadecenamide,...	20.39	2.2	ng/ul	236162	5	21.26	2175380	20.0
Ethanol, 2-(octad...	20.95	2.3	ng/ul	244793	5	21.26	2175380	20.0