LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010654.D
Acq On : 22 Jun 2017 11:45
Operator : SJ/JU
Sample : I3756-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE5

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\SOM-EPA-BM062017.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	6.646	630	639	646	rBB	63309	96135	4.96%	0.563%
2	6.810	661	667	675	rBB	168419	251588	12.99%	1.473%
3	6.999	693	699	707	rBB	217019	320201	16.53%	1.875%
4	7.463	772	778	785	rBB	225884	338250	17.47%	1.981%
5	8.169	892	898	904	rBB	184800	281499	14.54%	1.649%
6	8.604	966	972	979	rVV	258568	399326	20.62%	2.339%
7	9.322	1087	1094	1100	rVB	237884	377897	19.51%	2.213%
8	9.851	1177	1184	1193	rBB	344463	550509	28.43%	3.224%
9	10.222	1241	1247	1255	rBV	313660	513376	26.51%	3.006%
10	11.516	1462	1467	1474	rBB2	19677	29375	1.52%	0.172%
11	13.533	1804	1810	1816	rBV	770475	1004843	51.89%	5.885%
12	13.798	1849	1855	1866	rBB	724989	1063465	54.91%	6.228%
13	14.116	1902	1909	1916	rVB2	513716	783008	40.43%	4.586%
14	14.322	1938	1944	1951	rBB	93600	127153	6.57%	0.745%
15	15.116	2072	2079	2089	rBB	1022829	1396015	72.08%	8.175%
16	15.239	2094	2100	2107	rVB	369176	486860	25.14%	2.851%
17	15.821	2194	2199	2204	rBV	83771	106406	5.49%	0.623%
18	16.868	2371	2377	2383	rBV	787332	1053368	54.39%	6.169%
19	16.968	2387	2394	2401	rBV	1157426	1593288	82.27%	9.331%
20	17.557	2490	2494	2499	rVB2	93187	111391	5.75%	0.652%
21	19.086	2750	2754	2758	rBV3	19421	24610	1.27%	0.144%
22	19.274	2778	2786	2795	rBV	1430153	1936636	100.00%	11.341%
23	21.080	3088	3093	3099	rBV	1114539	1334724	68.92%	7.817%
24	22.121	3265	3270	3276	rBV2	182427	243436	12.57%	1.426%
25	23.092	3428	3435	3442	rBV	929900	1609823	83.12%	9.428%
26	23.221	3451	3457	3467	rVB2	605783	1042541	53.83%	6.105%

Sum of corrected areas: 17075723

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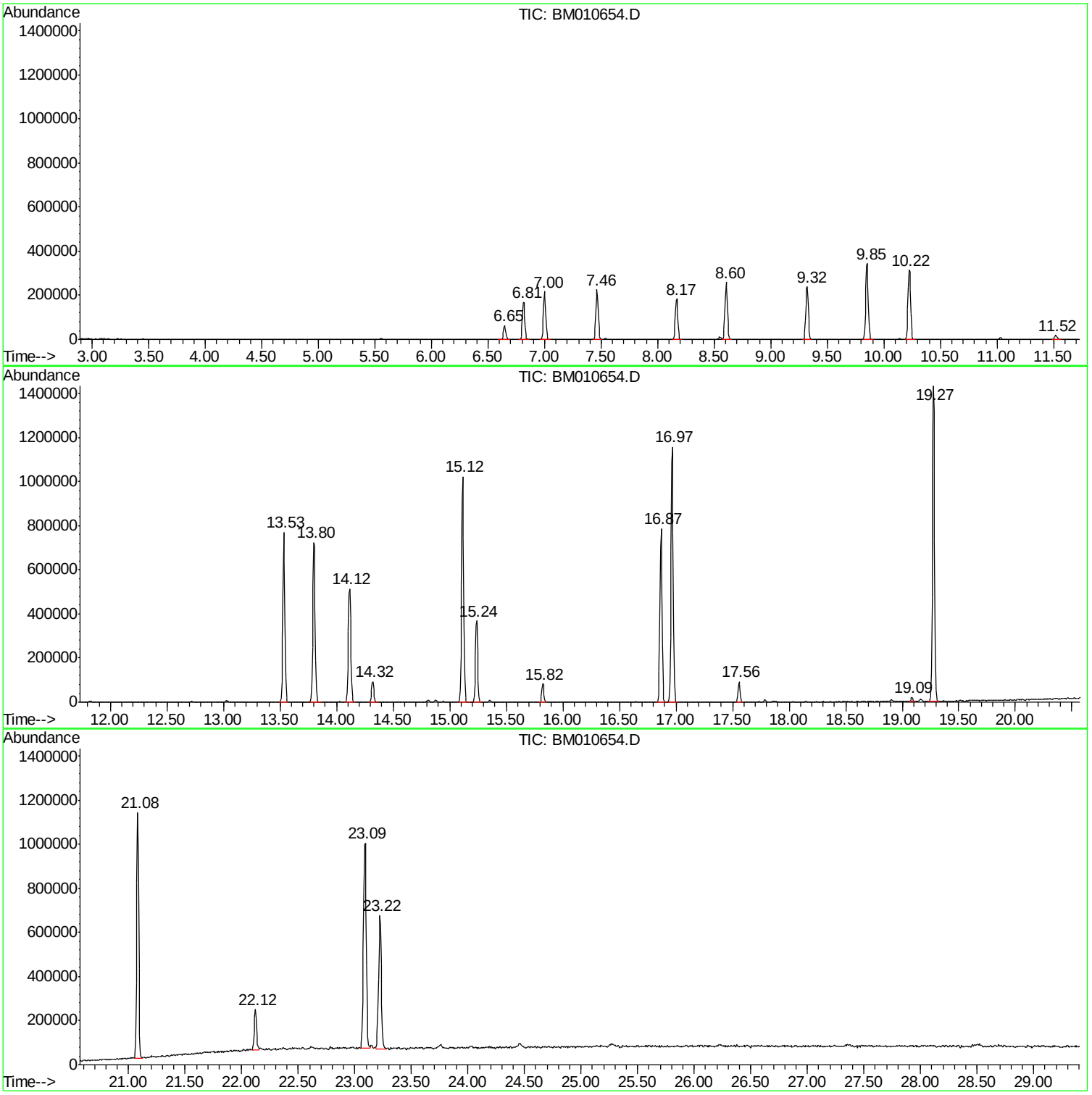
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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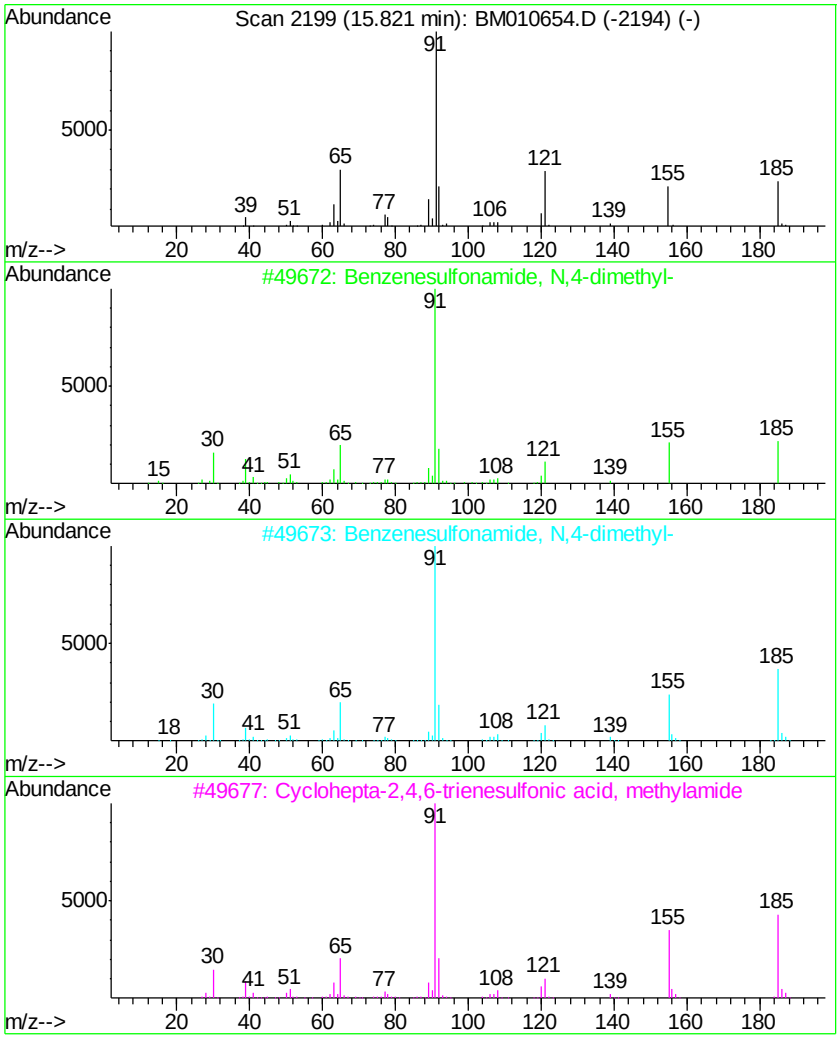
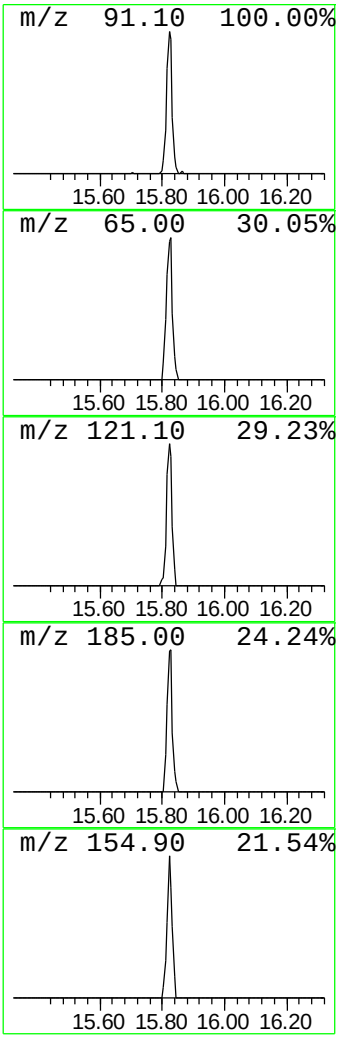
Peak Number 1 Benzenesulfonamide, N,4-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.02 ng/ul	106406	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	94
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	80
3	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	47
4	1-Hydroxytricyclo[4.3.0.0(4,9)]n...	308	C16H20O4S	201992-83-8	47
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47





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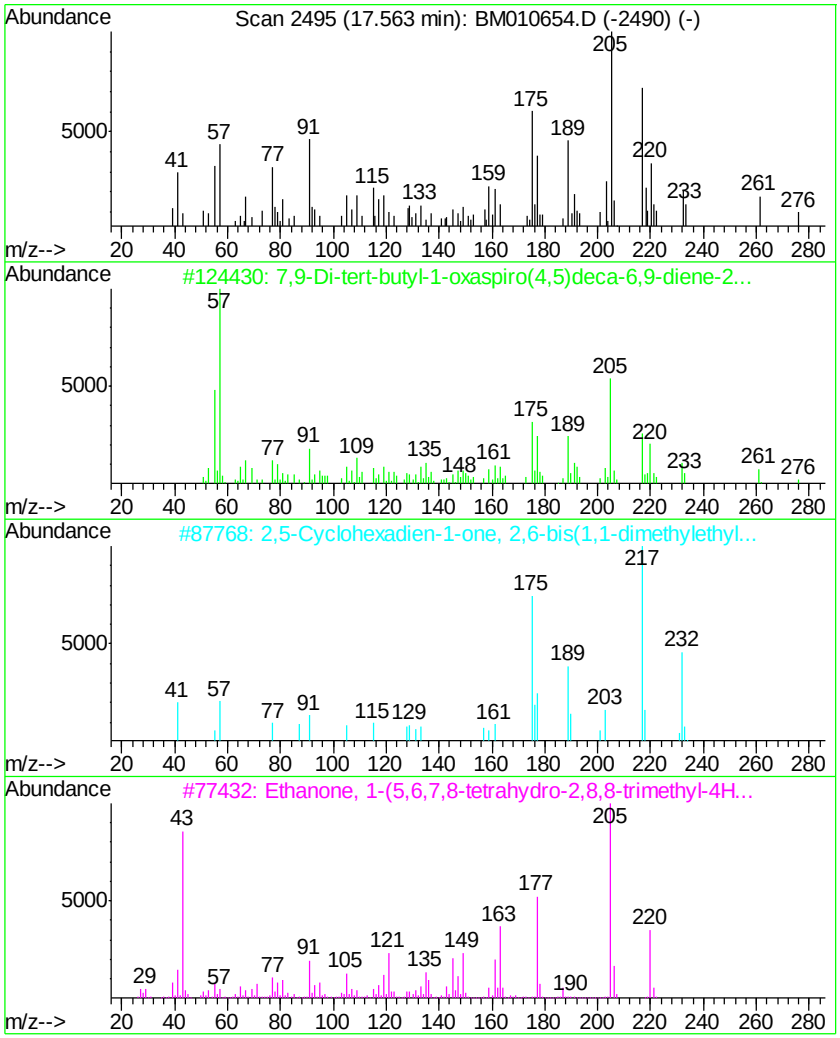
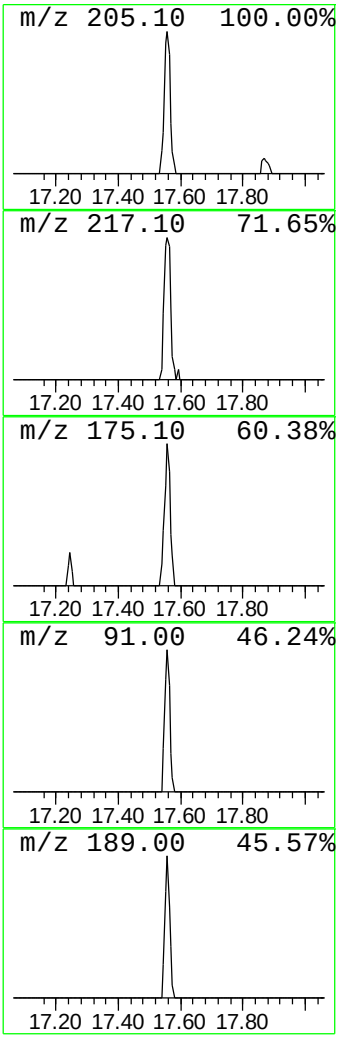
Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.11 ng/ul	111391	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	47
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	41
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	25
5	Benzoic acid, 4-(3-methoxy-3-oxo...	220	C12H12O4	020883-94-7	25





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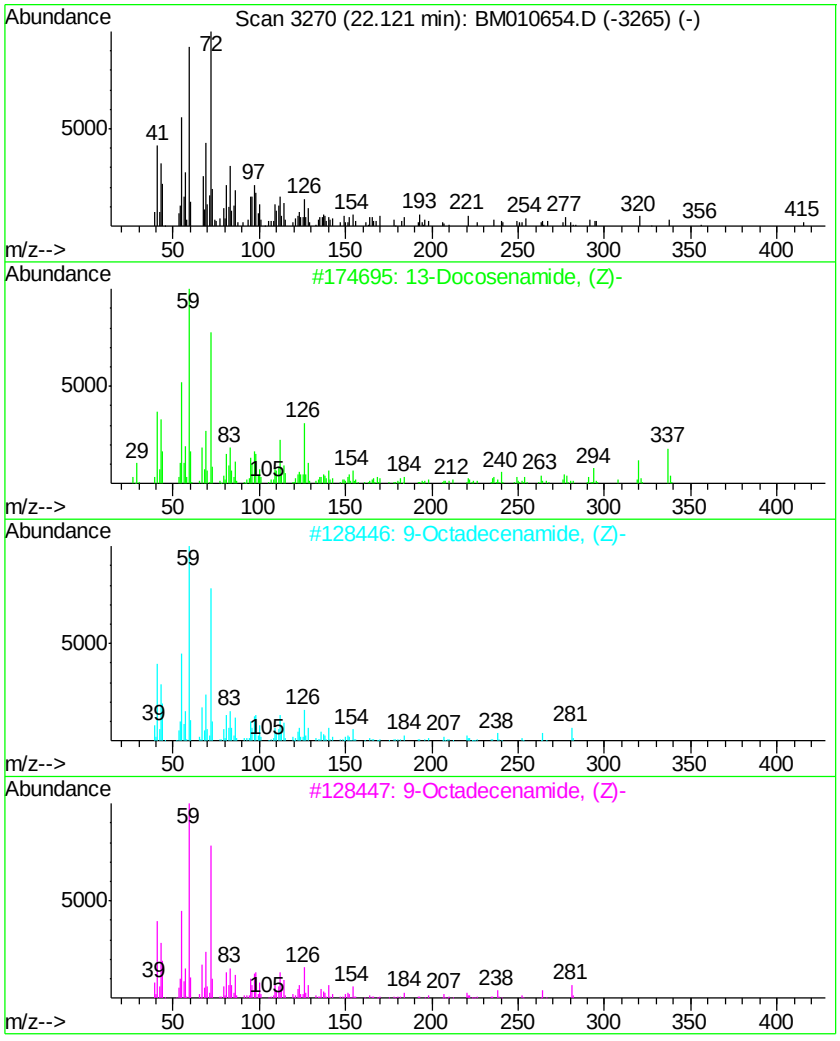
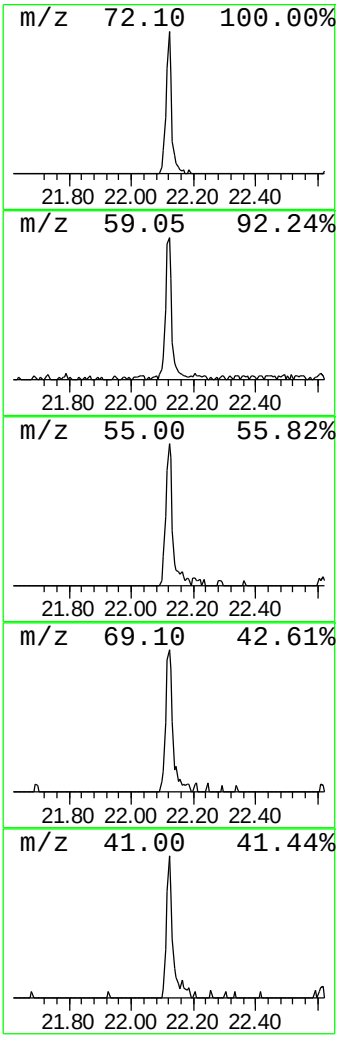
Peak Number 3 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	3.65 ng/ul	243436	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
5	3-Cyclohexylpropionamide	155	C9H17NO	004361-29-9	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzenesulfonamid...	15.82	2.0	ng/ul	106406	4	16.87	1053370	20.0
7,9-Di-tert-butyl...	17.56	2.1	ng/ul	111391	4	16.87	1053370	20.0
13-Docosenamide, ...	22.12	3.6	ng/ul	243436	5	21.08	1334720	20.0