LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022618.D
Acq On : 26 Jun 2016 20:44
Operator : UM/SJ
Sample : H3741-05
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03

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:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	404	409	416	rBV	75472	126203	1.04%	0.201%
2	5.705	481	488	497	rVB	1397734	2272435	18.66%	3.624%
3	7.303	751	760	768	rBV	939242	1668454	13.70%	2.660%
4	7.691	817	826	836	rBV	2646036	4553708	37.40%	7.261%
5	8.161	900	906	914	rBV	639386	1098859	9.02%	1.752%
6	8.490	954	962	973	rBV	2288420	4030473	33.10%	6.427%
7	9.336	1096	1106	1115	rBV	2070908	3849026	31.61%	6.137%
8	10.987	1379	1387	1395	rBV	887255	1645423	13.51%	2.624%
9	13.419	1794	1801	1809	rVB	5297833	8471525	69.57%	13.508%
10	13.813	1863	1868	1875	rVB6	82371	158972	1.31%	0.253%
11	14.124	1914	1921	1927	rBV6	64576	132506	1.09%	0.211%
12	14.236	1936	1940	1947	rVB2	171736	259979	2.14%	0.415%
13	14.800	2025	2036	2049	rBV2	1439713	2625178	21.56%	4.186%
14	15.329	2124	2126	2133	rVB8	80696	124305	1.02%	0.198%
15	16.186	2270	2272	2276	rBV3	94645	125368	1.03%	0.200%
16	16.292	2284	2290	2300	rBV	5453234	8398021	68.97%	13.391%
17	17.561	2501	2506	2514	rBV2	1951989	3473624	28.53%	5.539%
18	18.443	2652	2656	2660	rBV7	321782	532887	4.38%	0.850%
19	20.164	2943	2949	2955	rVB	8845432	12176123	100.00%	19.415%
20	21.850	3231	3236	3244	rVB	2089941	3575596	29.37%	5.701%
21	25.217	3800	3809	3823	rVB	1181701	3414775	28.04%	5.445%

Sum of corrected areas: 62713440

LSC Report - Integrated Chromatogram

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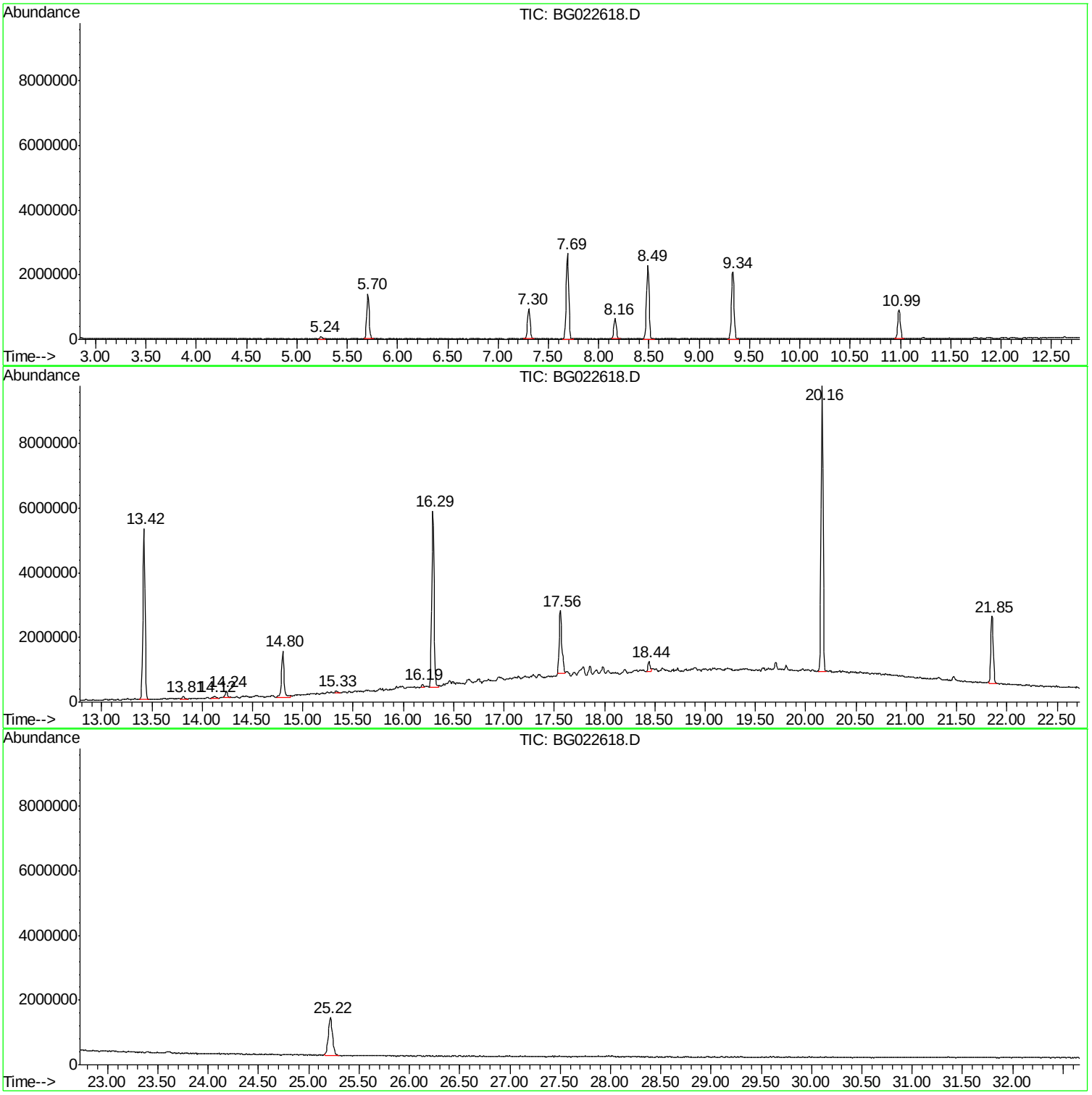
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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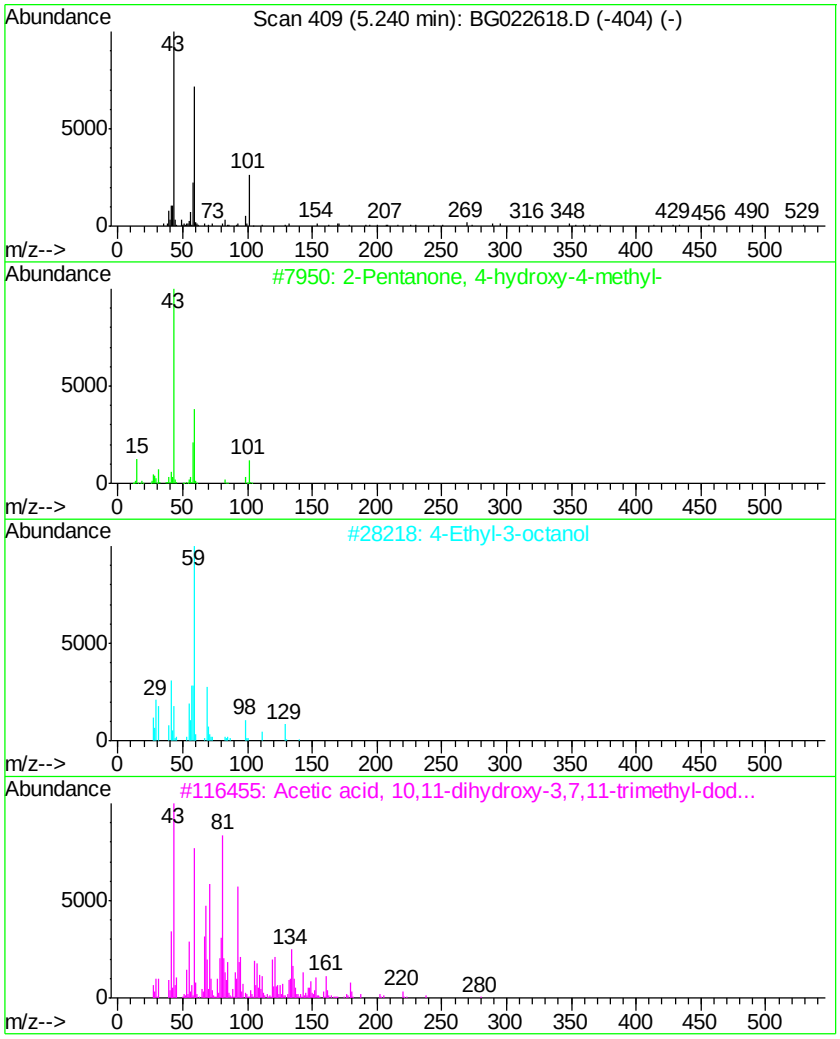
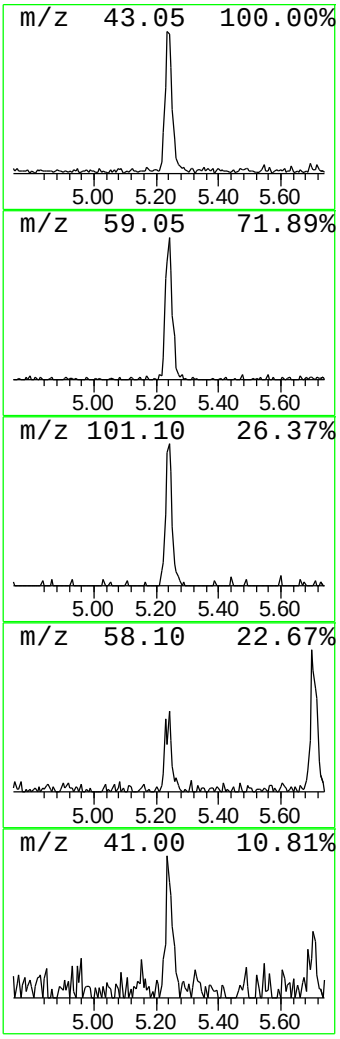
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.30 ng	126203	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23
3	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	12
4	Butanoic acid, 4-(2,4,5-trichlor...	296	C11H11Cl3O3	025333-21-5	12
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	12





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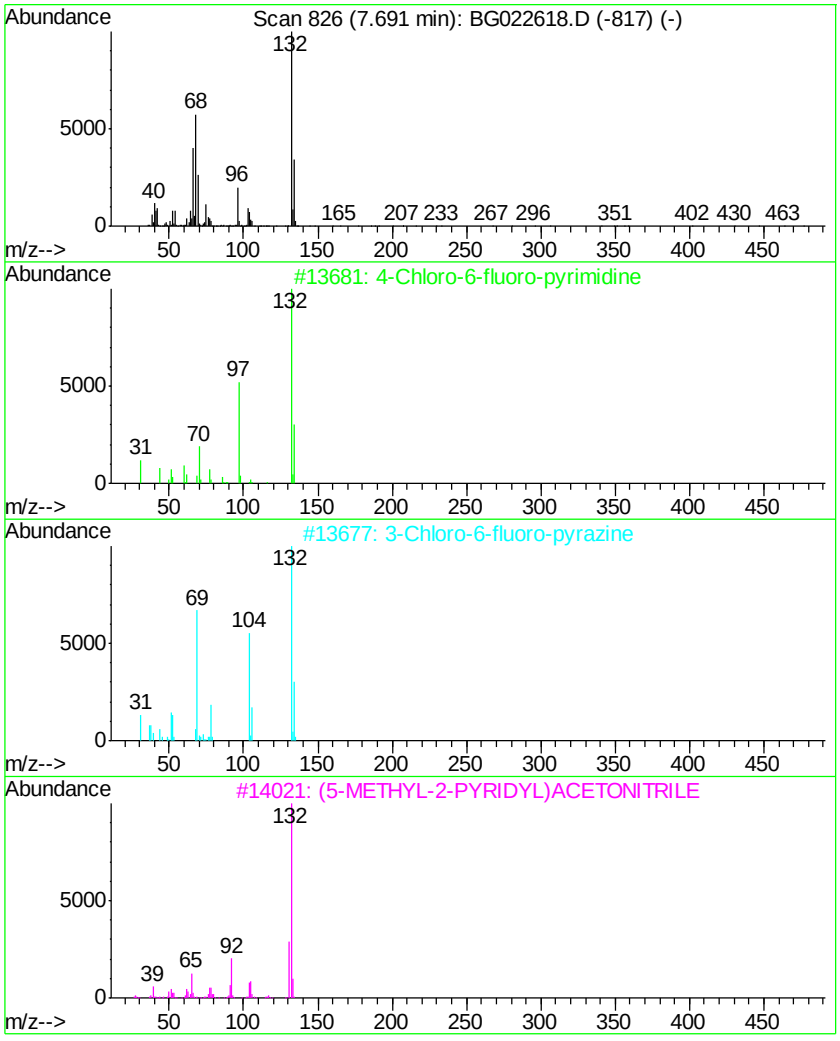
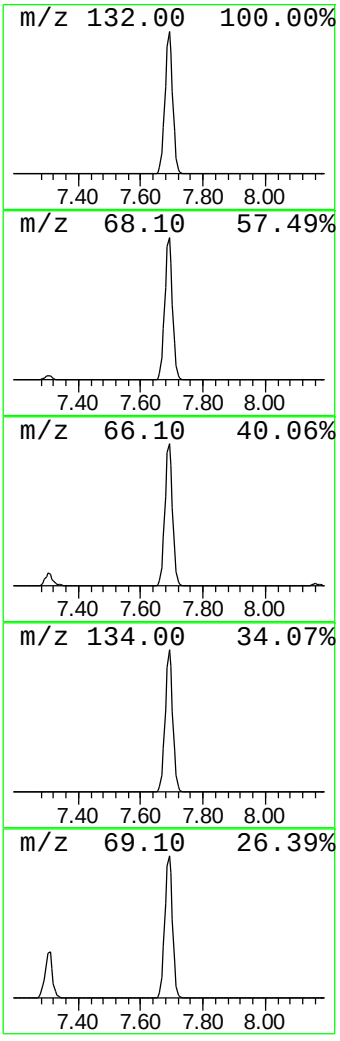
Peak Number 2 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	82.88 ng	4553710	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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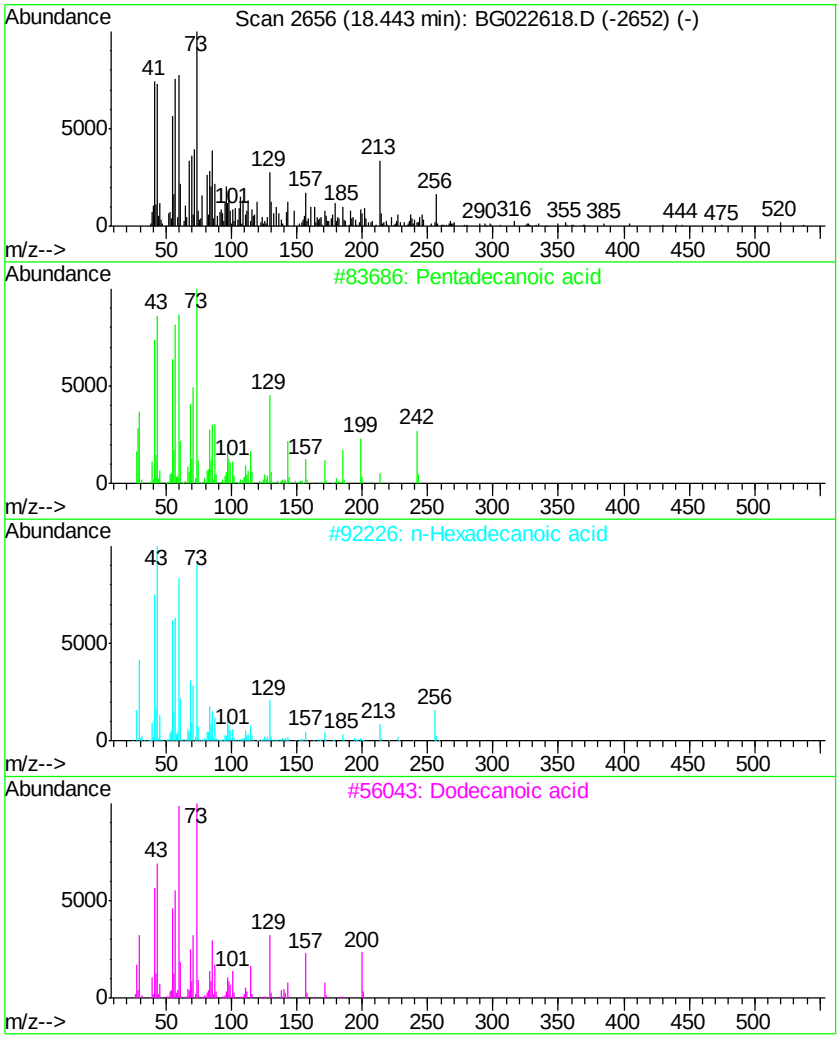
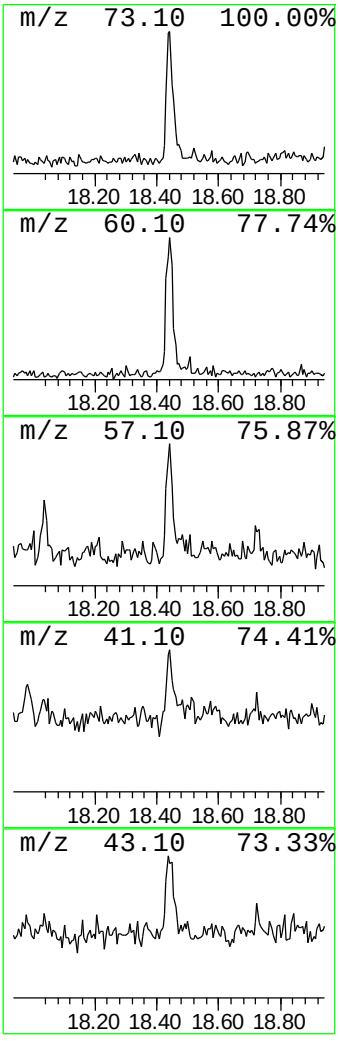
Peak Number 4 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	3.07 ng	532887	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	Undecane	156	C11H24	001120-21-4	35





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.24	2.3	ng	126203	1	8.16	1098860	20.0
unknown7.69	7.69	82.9	ng	4553710	1	8.16	1098860	20.0
Pentadecanoic acid	18.44	3.1	ng	532887	4	17.56	3473620	20.0