LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
Data File : BF090281.D
Acq On : 28 Sep 2016 15:38
Operator : UM/SJ
Sample : H4982-02 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-4

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_F\METHODS\8270-BF092016.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	1.644	4	5	50	rVB	2375755	7045157	100.00%	35.823%
2	4.536	256	258	269	rBV	98785	142406	2.02%	0.724%
3	5.027	298	301	315	rBV	393801	664203	9.43%	3.377%
4	6.124	395	397	405	rBV	816003	808496	11.48%	4.111%
5	6.239	405	407	409	rBV	745736	792467	11.25%	4.029%
6	6.467	425	427	430	rBV	554458	759445	10.78%	3.862%
7	6.627	439	441	443	rBV	741995	645733	9.17%	3.283%
8	7.039	475	477	489	rBV	382208	467161	6.63%	2.375%
9	7.759	538	540	543	rBV	968352	1008893	14.32%	5.130%
10	8.833	632	634	637	rBV	756862	861630	12.23%	4.381%
11	9.233	668	669	672	rBV	114572	148519	2.11%	0.755%
12	9.496	690	692	694	rBV	1017281	1078507	15.31%	5.484%
13	10.285	758	761	770	rVB	279114	385483	5.47%	1.960%
14	10.971	818	821	825	rBV2	994455	1261925	17.91%	6.417%
15	11.576	872	874	879	rVB3	41507	84490	1.20%	0.430%
16	12.159	923	925	928	rBV	258195	281399	3.99%	1.431%
17	12.388	943	945	947	rBV	268324	284440	4.04%	1.446%
18	12.548	957	959	961	rBV	687341	655798	9.31%	3.335%
19	13.577	1046	1049	1055	rBV2	825873	1053865	14.96%	5.359%
20	14.560	1133	1135	1140	rBV	112028	218403	3.10%	1.111%
21	14.800	1154	1156	1159	rVB	87383	98961	1.40%	0.503%
22	14.845	1159	1160	1163	rBV	68922	123741	1.76%	0.629%
23	14.902	1163	1165	1167	rBV	594546	669253	9.50%	3.403%
24	15.783	1240	1242	1248	rVB	60758	126463	1.80%	0.643%

Sum of corrected areas: 19666838

LSC Report - Integrated Chromatogram

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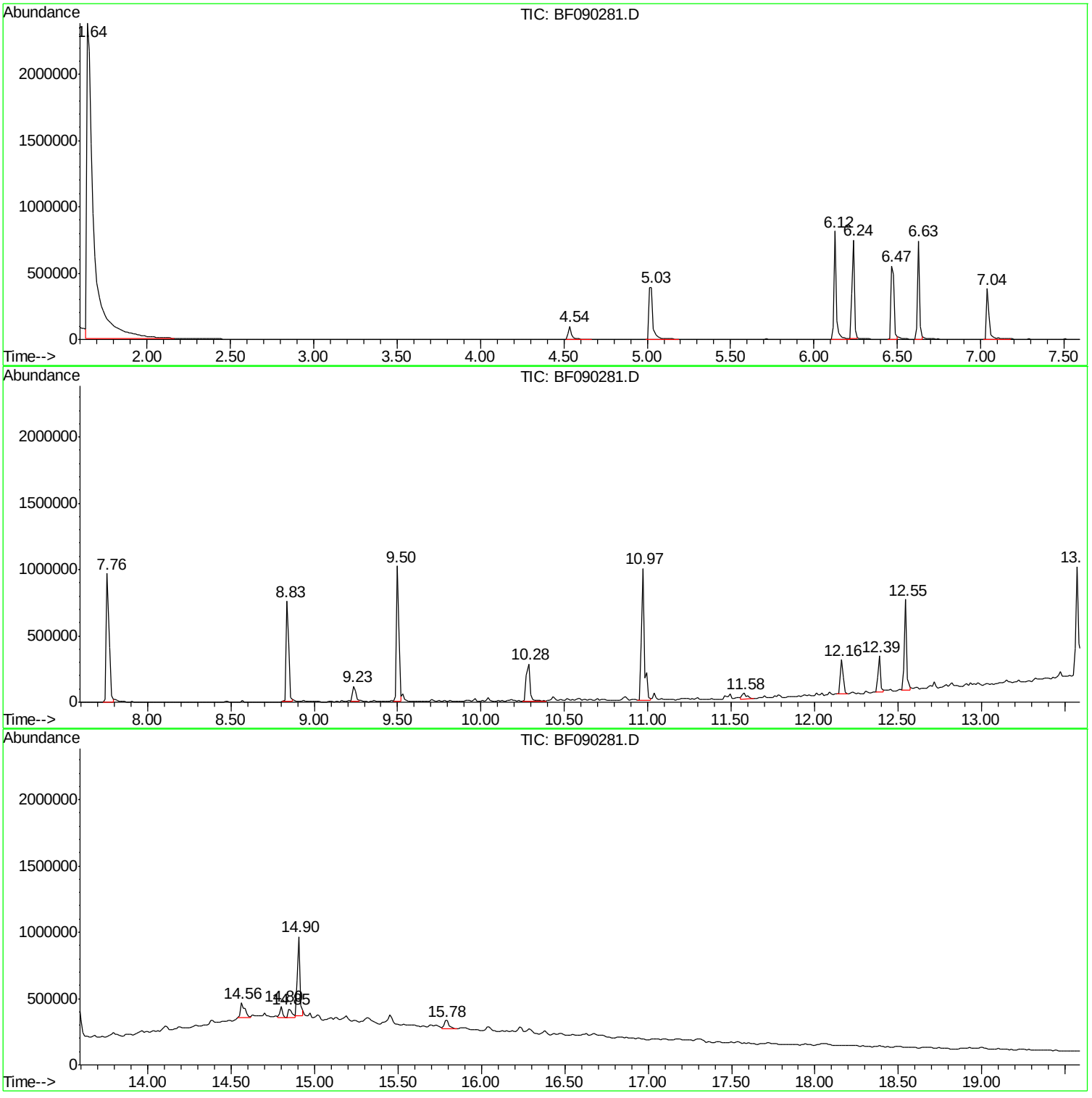
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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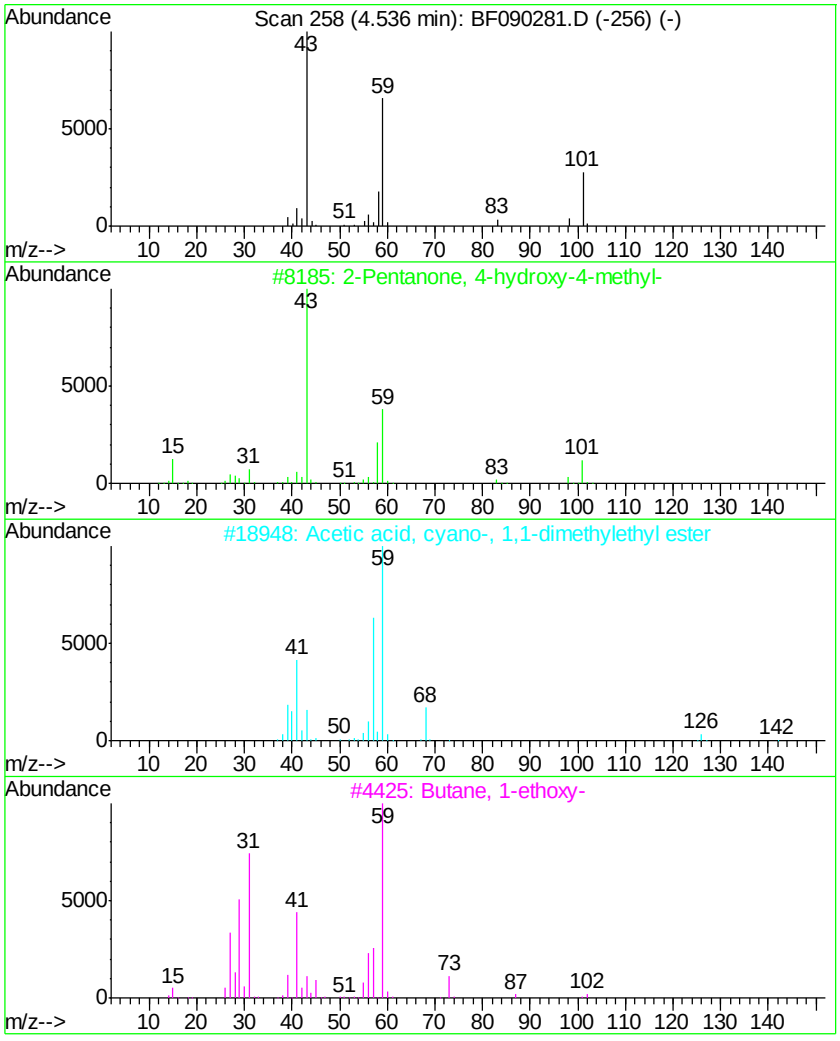
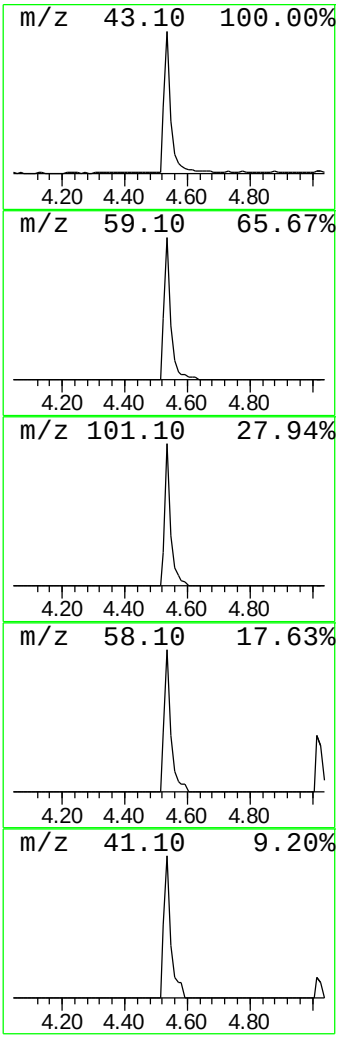
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	3.75 ng	142406	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Acetone	58	C3H6O	000067-64-1	9





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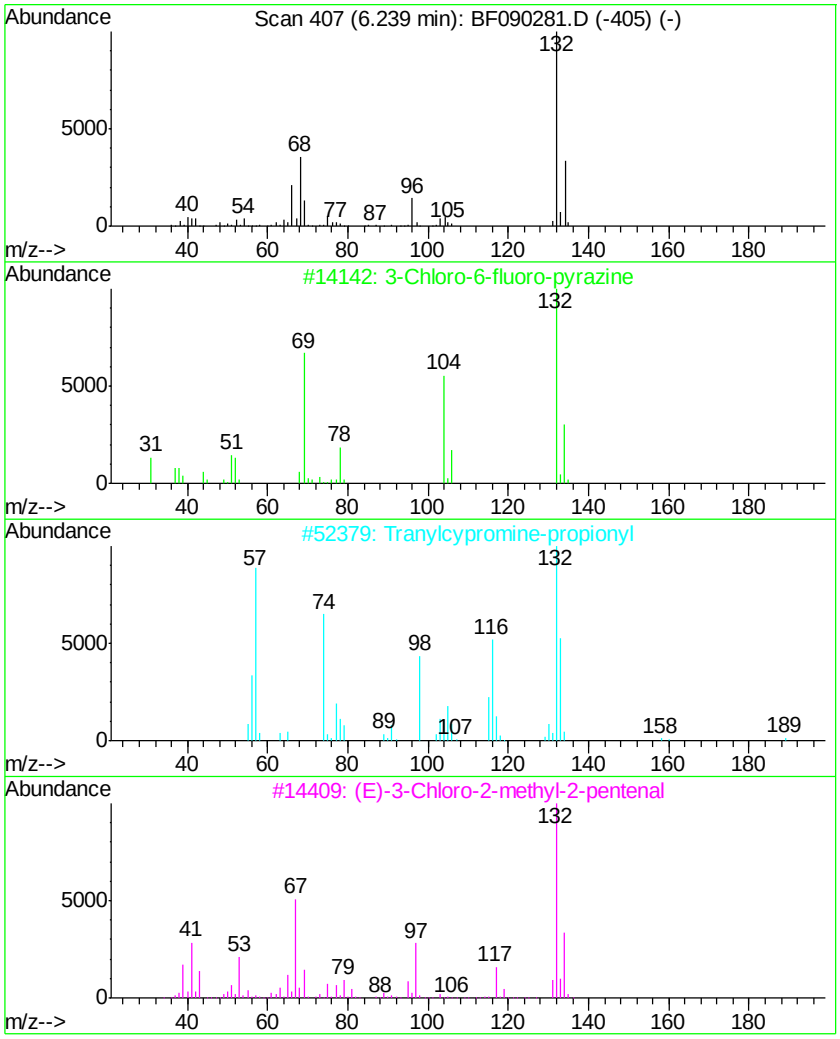
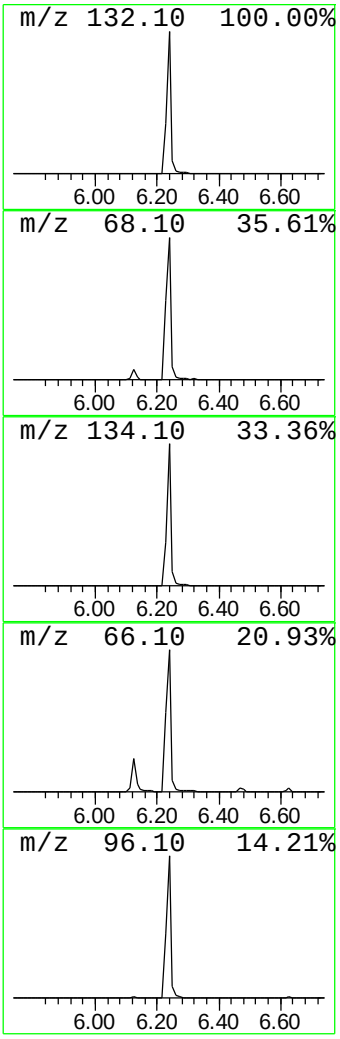
Peak Number 3 unknown6.24 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	20.87 ng	792467	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
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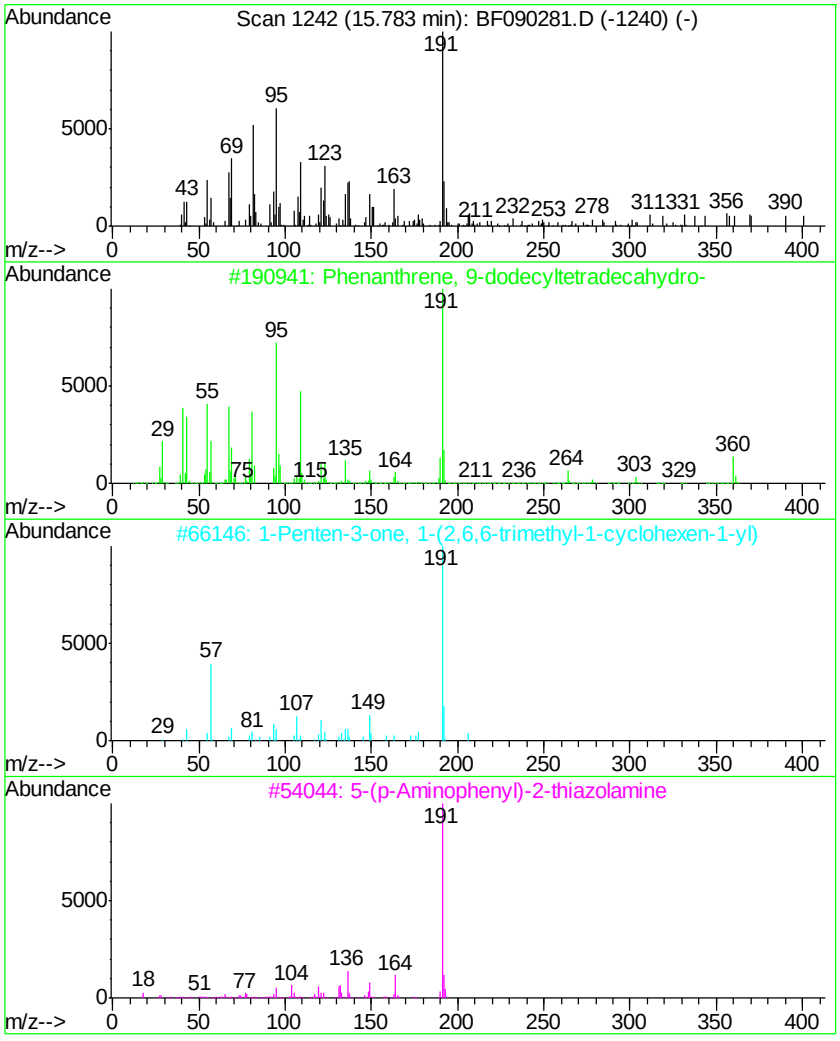
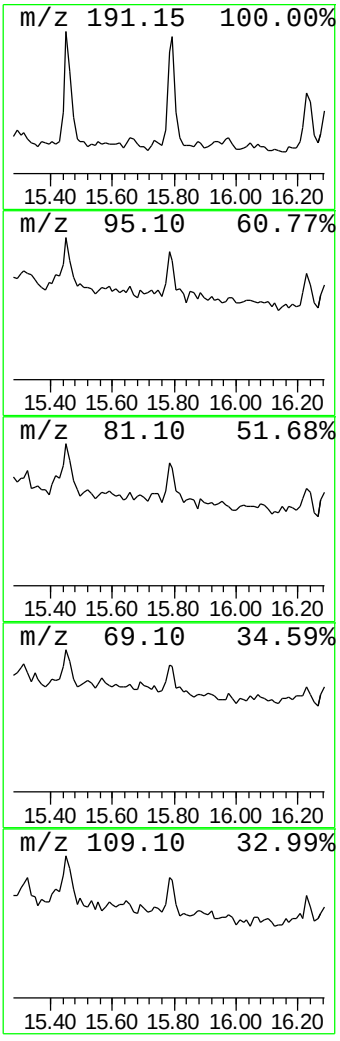
Peak Number 5 Phenanthrene, 9-dodecyltetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	3.78 ng	126463	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	53
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	41
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	32
4	Benzoic acid, 4-[3-(3,4-dimethox...	397	C23H27NO5	1000317-25-8	27
5	2'-Fluoro-6'-(trifluoromethyl)-a...	206	C9H6F4O	174013-29-7	27





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.54	3.8	ng	142406	1	6.48	759445	20.0
unknown6.24	6.24	20.9	ng	792467	1	6.48	759445	20.0
Phenanthrene, 9-d...	15.78	3.8	ng	126463	6	14.90	669253	20.0