LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097905.D
Acq On : 21 Aug 2017 14:35
Operator : SJ/JU
Sample : I4879-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6706-AA-081717

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-BF081517.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	3.110	172	174	180	rBV2	6529	12973	1.35%	0.110%
2	4.922	479	482	489	rVB	59245	61574	6.39%	0.521%
3	5.345	550	554	557	rBV	690143	638581	66.25%	5.407%
4	6.369	725	728	735	rBV	728463	676052	70.14%	5.725%
5	6.510	748	752	756	rBV	860667	667300	69.23%	5.650%
6	6.745	788	792	796	rBV	966823	768457	79.73%	6.507%
7	6.898	815	818	822	rBV	574478	484427	50.26%	4.102%
8	7.304	883	887	890	rBV	490953	383252	39.76%	3.245%
9	7.398	899	903	907	rVB	21130	20008	2.08%	0.169%
10	8.028	1006	1010	1014	rBV	1101936	963829	100.00%	8.161%
11	9.104	1188	1193	1196	rBV	852191	676167	70.15%	5.725%
12	9.498	1256	1260	1266	rVB	130077	106791	11.08%	0.904%
13	9.639	1281	1284	1289	rBV	77442	63040	6.54%	0.534%
14	9.686	1289	1292	1296	rBV3	8322	12368	1.28%	0.105%
15	9.780	1302	1308	1312	rBV	1066083	905891	93.99%	7.671%
16	9.980	1339	1342	1345	rVB2	16779	14358	1.49%	0.122%
17	10.216	1380	1382	1388	rVB2	15425	18377	1.91%	0.156%
18	10.327	1398	1401	1407	rVB2	22474	29190	3.03%	0.247%
19	10.439	1417	1420	1423	rBV3	13663	15725	1.63%	0.133%
20	10.563	1437	1441	1447	rBV	364419	301226	31.25%	2.551%
21	10.692	1460	1463	1468	rBV	30087	41160	4.27%	0.349%
22	10.874	1490	1494	1496	rBV3	8754	12046	1.25%	0.102%
23	11.021	1515	1519	1523	rVB7	7893	11065	1.15%	0.094%
24	11.139	1536	1539	1541	rBV	24055	22508	2.34%	0.191%
25	11.169	1541	1544	1548	rVB2	21848	26961	2.80%	0.228%
26	11.263	1556	1560	1562	rBV	846603	755962	78.43%	6.401%
27	11.280	1562	1563	1567	rVB	134478	105705	10.97%	0.895%
28	11.333	1569	1572	1576	rVB	72990	58791	6.10%	0.498%
29	11.368	1576	1578	1582	rBV4	11100	11486	1.19%	0.097%
30	11.563	1609	1611	1613	rBV2	20140	15670	1.63%	0.133%
31	11.674	1626	1630	1633	rVB3	12111	16021	1.66%	0.136%
32	11.763	1642	1645	1647	rBV	35893	33152	3.44%	0.281%
33	11.786	1647	1649	1654	rVB	46529	44992	4.67%	0.381%
34	11.833	1654	1657	1660	rBV2	30662	31220	3.24%	0.264%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.868	1660	1663	1666	rBV	78399	90247	9.36%	0.764%
36	11.968	1677	1680	1682	rBV2	16813	15993	1.66%	0.135%
37	11.992	1682	1684	1687	rVB4	15069	14217	1.48%	0.120%
38	12.057	1693	1695	1697	rBV	22886	23431	2.43%	0.198%
39	12.074	1697	1698	1705	rVB4	23422	27018	2.80%	0.229%
40	12.186	1715	1717	1719	rBV2	16475	16867	1.75%	0.143%
41	12.233	1723	1725	1727	rBV3	19304	19005	1.97%	0.161%
42	12.257	1727	1729	1732	rVB3	21265	18737	1.94%	0.159%
43	12.310	1735	1738	1741	rBV2	56765	57149	5.93%	0.484%
44	12.345	1741	1744	1746	rVV4	35990	50599	5.25%	0.428%
45	12.392	1749	1752	1756	rVV2	27722	36532	3.79%	0.309%
46	12.427	1756	1758	1762	rVV4	14173	17015	1.77%	0.144%
47	12.468	1762	1765	1768	rVV	358373	293740	30.48%	2.487%
48	12.515	1771	1773	1775	rVV3	19194	20719	2.15%	0.175%
49	12.563	1778	1781	1784	rVB2	33718	35276	3.66%	0.299%
50	12.698	1798	1804	1807	rBV	338207	354269	36.76%	3.000%
51	12.815	1821	1824	1825	rBV3	28662	29365	3.05%	0.249%
52	12.845	1825	1829	1836	rVB	574105	527193	54.70%	4.464%
53	12.915	1838	1841	1843	rBV2	29496	33115	3.44%	0.280%
54	13.021	1857	1859	1862	rVB	74957	70856	7.35%	0.600%
55	13.092	1868	1871	1873	rVB2	74876	71725	7.44%	0.607%
56	13.127	1874	1877	1882	rBV2	57084	73010	7.57%	0.618%
57	13.221	1890	1893	1895	rVB	42213	38978	4.04%	0.330%
58	13.251	1895	1898	1901	rBV	44877	45707	4.74%	0.387%
59	13.286	1902	1904	1908	rVB4	47048	47757	4.95%	0.404%
60	13.427	1926	1928	1930	rBV2	36962	28561	2.96%	0.242%
61	13.892	2002	2007	2010	rBV2	864633	929187	96.41%	7.868%
62	13.915	2010	2011	2014	rVB	146295	86522	8.98%	0.733%
63	14.909	2177	2180	2190	rVB	132281	248413	25.77%	2.103%
64	15.315	2245	2249	2252	rBV	424656	482269	50.04%	4.084%

Sum of corrected areas: 11809797

LSC Report - Integrated Chromatogram

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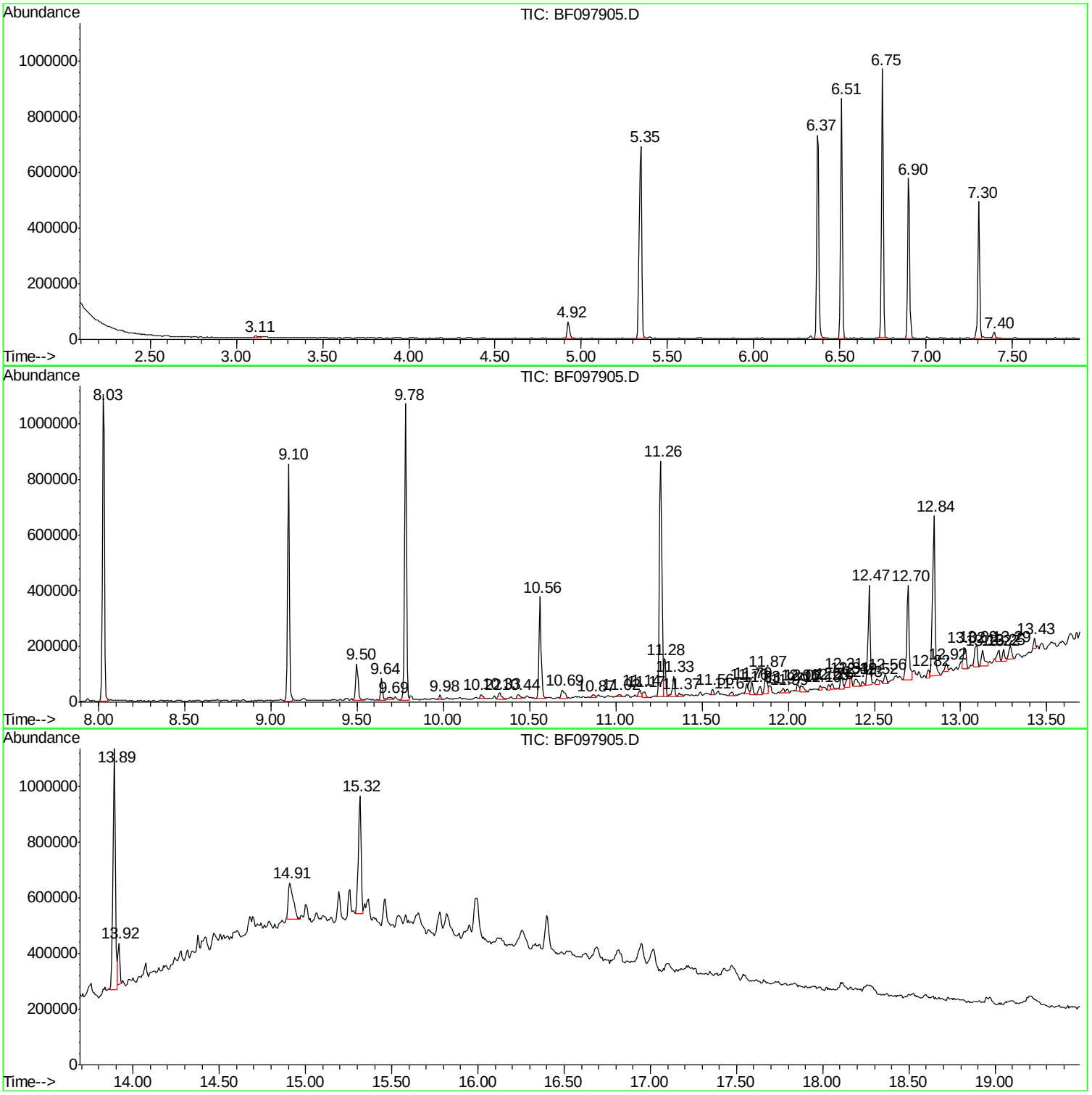
ClientSampleId : 6706-AA-081717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Sample : I4879-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : 6706-AA-081717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

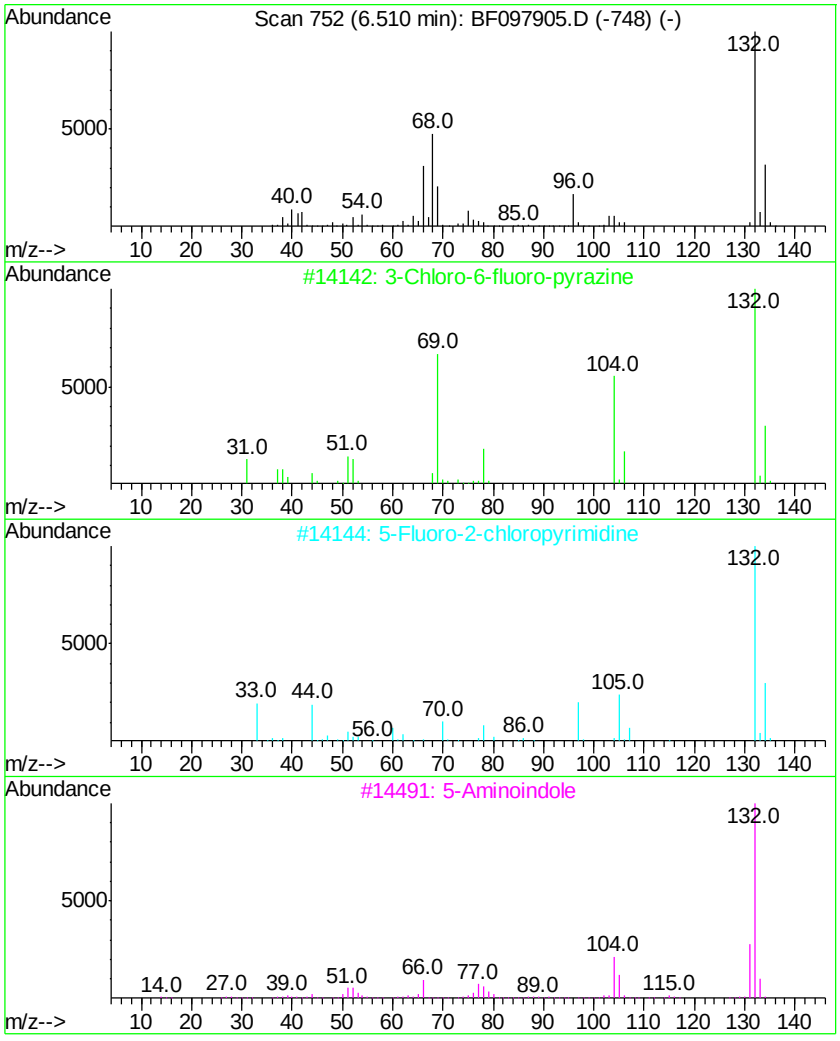
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

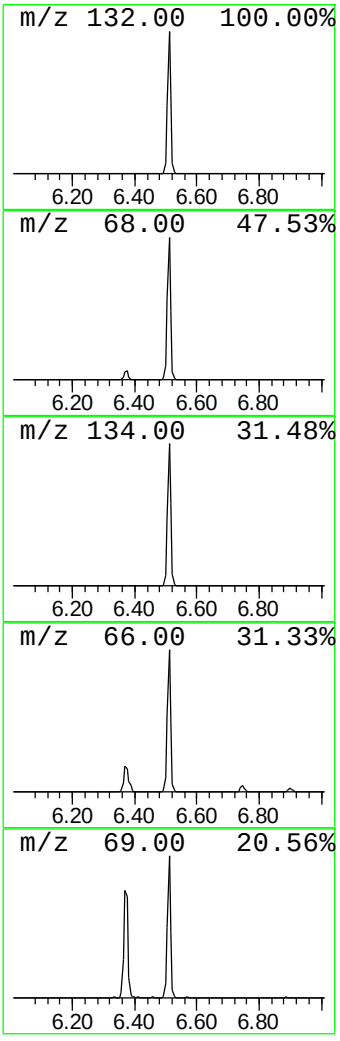
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	17.37 ng	667300	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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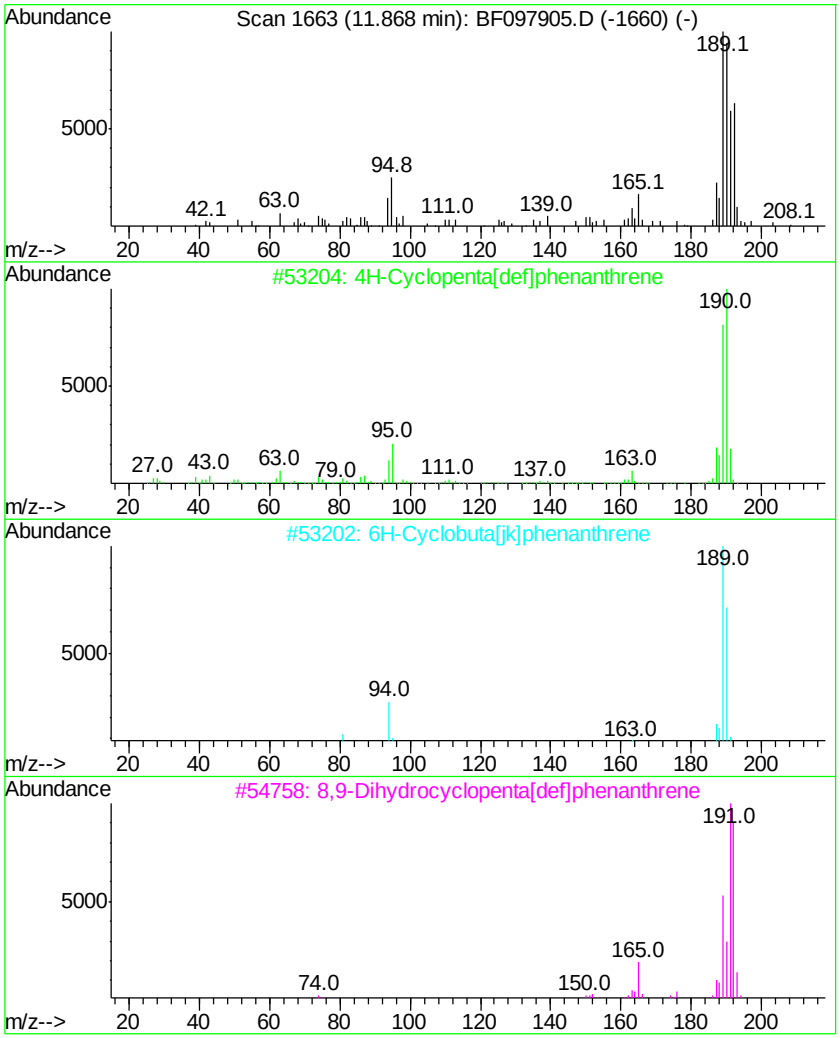
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

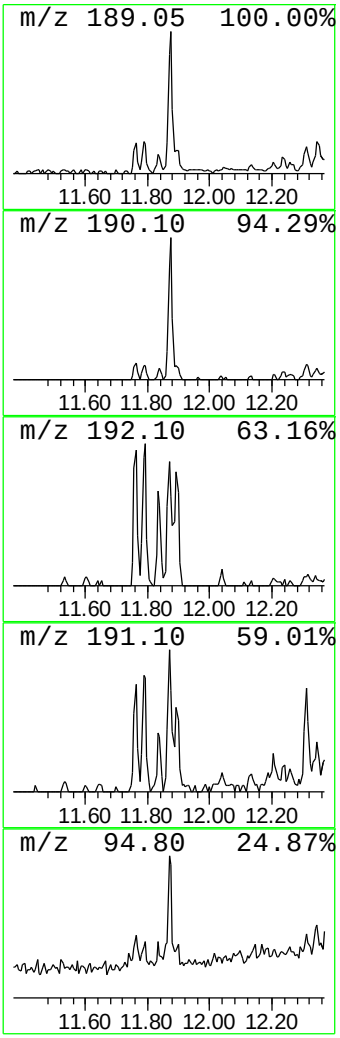
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.39 ng	90247	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.51	6.51	17.4	ng	667300	1	6.75	768457	20.0
4H-Cyclopenta[def...	11.87	2.4	ng	90247	4	11.26	755962	20.0