LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122102.D
Acq On : 23 Oct 2020 16:48
Operator : JU/CG
Sample : L4436-11 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 37B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.345	551	554	581	rBV	316926	511531	58.30%	5.139%
2	6.375	727	729	754	rBV	331019	545965	62.22%	5.485%
3	6.722	785	788	803	rVB	704530	599163	68.29%	6.019%
4	7.292	882	885	901	rBV	317625	364061	41.49%	3.657%
5	8.010	1003	1007	1023	rVB	814602	796786	90.81%	8.005%
6	9.080	1186	1189	1198	rBV	668191	542052	61.78%	5.446%
7	9.486	1254	1258	1266	rVB	56017	58919	6.72%	0.592%
8	9.757	1301	1304	1309	rBV	978274	877412	100.00%	8.815%
9	9.792	1309	1310	1321	rVB	21980	15611	1.78%	0.157%
10	10.316	1394	1399	1405	rBV2	10340	12258	1.40%	0.123%
11	10.557	1436	1440	1449	rBV	216112	236251	26.93%	2.373%
12	11.245	1554	1557	1560	rBV	932505	821488	93.63%	8.253%
13	11.269	1560	1561	1567	rVV	195666	154188	17.57%	1.549%
14	11.327	1568	1571	1575	rVB	33750	31753	3.62%	0.319%
15	11.498	1596	1600	1604	rBV2	10804	14363	1.64%	0.144%
16	11.751	1640	1643	1645	rBV	31931	24744	2.82%	0.249%
17	11.780	1645	1648	1654	rVV2	92272	106099	12.09%	1.066%
18	11.827	1654	1656	1659	rVV	15948	19916	2.27%	0.200%
19	11.863	1659	1662	1665	rVV	43927	52816	6.02%	0.531%
20	11.886	1665	1666	1671	rVB	23880	16916	1.93%	0.170%
21	12.045	1690	1693	1696	rBV	24191	19684	2.24%	0.198%
22	12.092	1698	1701	1704	rBV3	20393	17662	2.01%	0.177%
23	12.298	1733	1736	1739	rBV	23039	23193	2.64%	0.233%
24	12.339	1739	1743	1745	rVV5	11259	16381	1.87%	0.165%
25	12.398	1748	1753	1756	rBV2	17327	21258	2.42%	0.214%
26	12.463	1761	1764	1769	rBV	326719	291982	33.28%	2.933%
27	12.563	1777	1781	1788	rBV	167938	225291	25.68%	2.263%
28	12.615	1788	1790	1793	rVV	34801	41266	4.70%	0.415%
29	12.692	1797	1803	1809	rVV	289737	327056	37.28%	3.286%
30	12.745	1809	1812	1819	rVV3	22703	29060	3.31%	0.292%
31	12.827	1822	1826	1830	rVB	519525	442547	50.44%	4.446%
32	12.910	1836	1840	1846	rVB3	20077	32513	3.71%	0.327%
33	13.004	1852	1856	1857	rBV3	18391	25165	2.87%	0.253%
34	13.021	1857	1859	1862	rVB2	30444	28903	3.29%	0.290%
35	13.086	1868	1870	1872	rBV	17837	14939	1.70%	0.150%
36	13.127	1872	1877	1880	rVV2	30438	37740	4.30%	0.379%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122102.D
Acq On : 23 Oct 2020 16:48
Operator : JU/CG
Sample : L4436-11 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 37B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.215	1890	1892	1895	rVB	20229	18424	2.10%	0.185%
38	13.251	1895	1898	1901	rBV	23431	25284	2.88%	0.254%
39	13.298	1904	1906	1911	rBV4	14452	17455	1.99%	0.175%
40	13.392	1920	1922	1925	rBV3	14633	13785	1.57%	0.138%
41	13.539	1944	1947	1951	rBV	26018	24080	2.74%	0.242%
42	13.645	1962	1965	1967	rBV2	27724	29121	3.32%	0.293%
43	13.698	1971	1974	1976	rBV	17026	21405	2.44%	0.215%
44	13.757	1980	1984	1989	rVV3	39784	57269	6.53%	0.575%
45	13.892	2002	2007	2010	rBV2	796935	851973	97.10%	8.559%
46	13.915	2010	2011	2015	rVB	133393	92053	10.49%	0.925%
47	13.998	2023	2025	2028	rBV	16411	14245	1.62%	0.143%
48	14.280	2071	2073	2076	rVB	25171	19301	2.20%	0.194%
49	14.345	2082	2084	2089	rBV5	16898	19759	2.25%	0.199%
50	14.921	2178	2182	2184	rBV	98616	127992	14.59%	1.286%
51	15.209	2228	2231	2234	rBV	65920	76380	8.71%	0.767%
52	15.268	2238	2241	2245	rVV	138356	239863	27.34%	2.410%
53	15.327	2247	2251	2263	rVB	585344	817189	93.14%	8.210%
54	16.751	2488	2493	2500	rVB	47572	91462	10.42%	0.919%

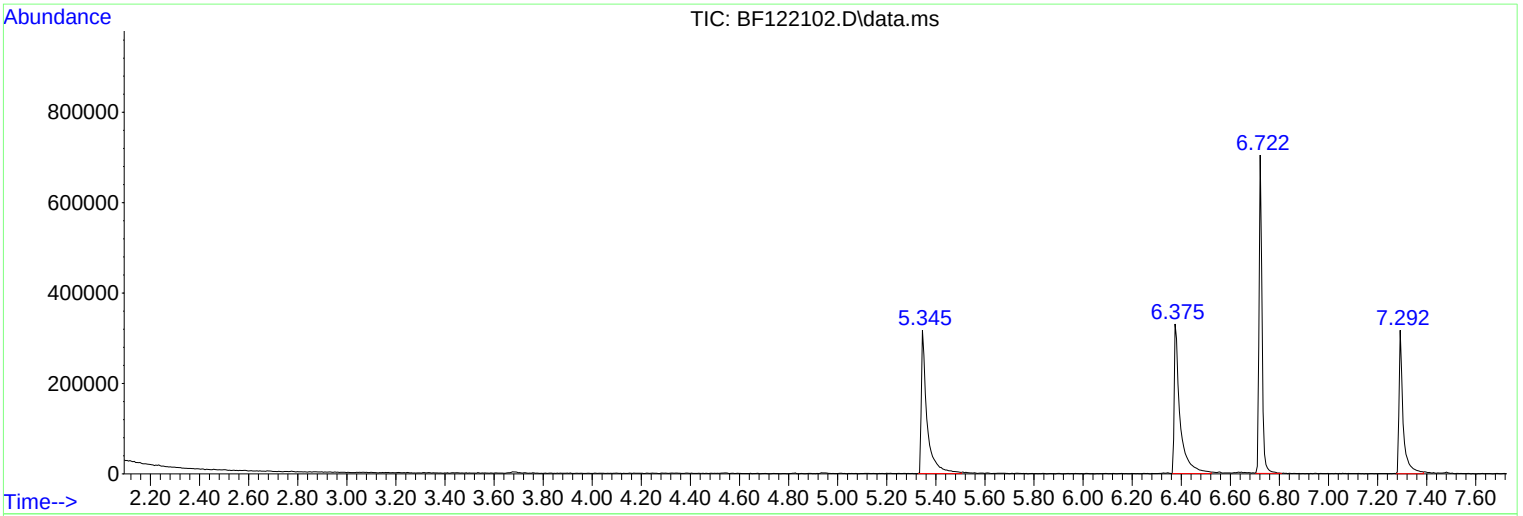
Sum of corrected areas: 9953972

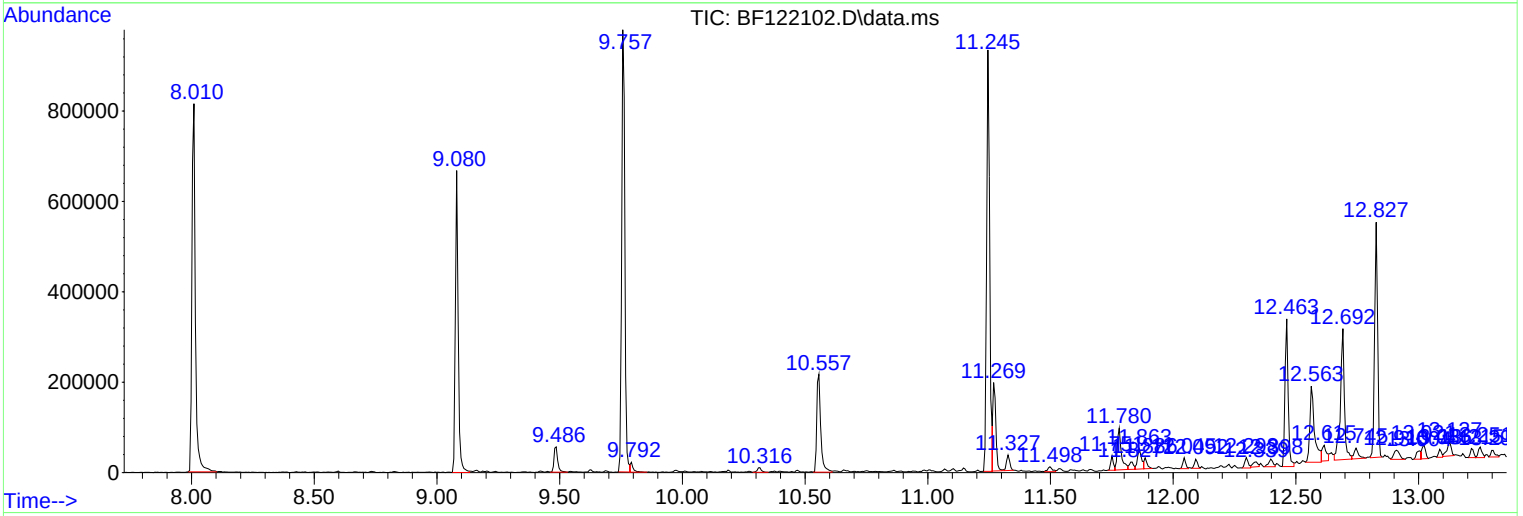
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122102.D
Acq On : 23 Oct 2020 16:48
Operator : JU/CG
Sample : L4436-11 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

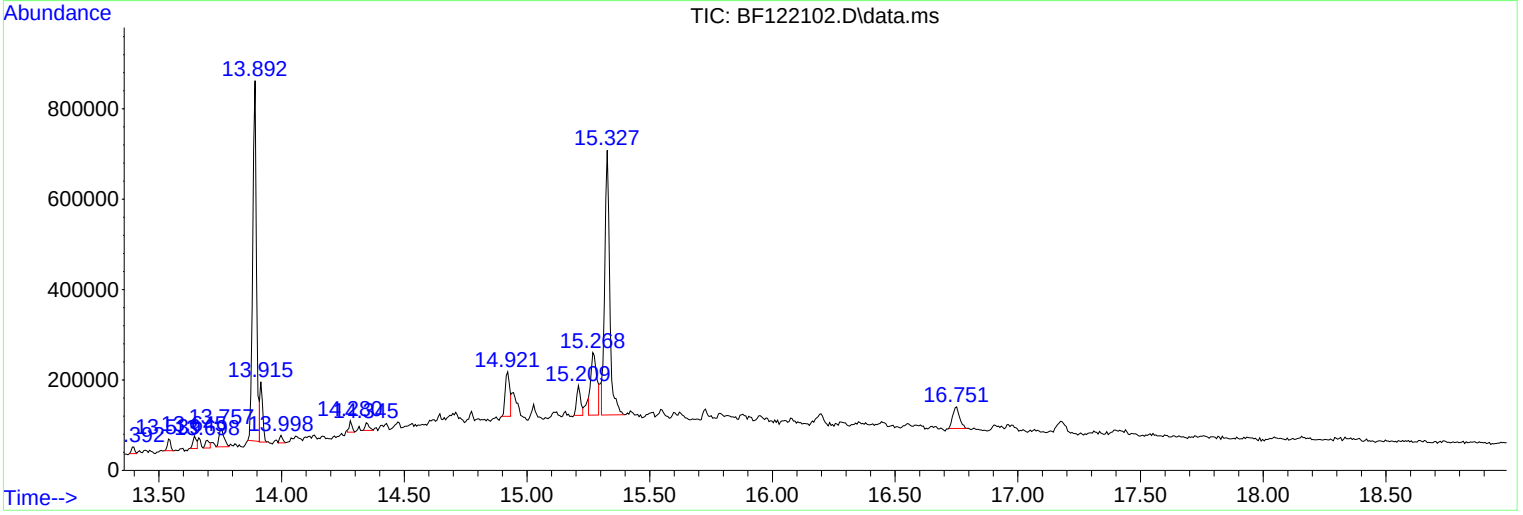
Instrument :
BNA_F
ClientSampleId :
37B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122102.D
Acq On : 23 Oct 2020 16:48
Operator : JU/CG
Sample : L4436-11 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
37B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

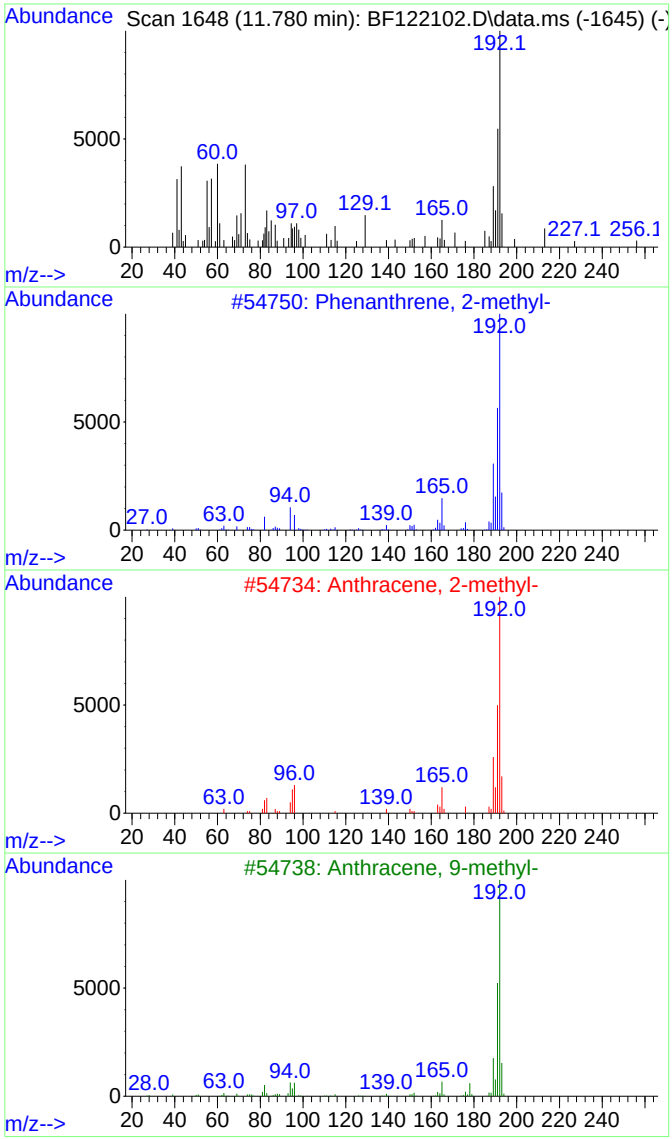
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

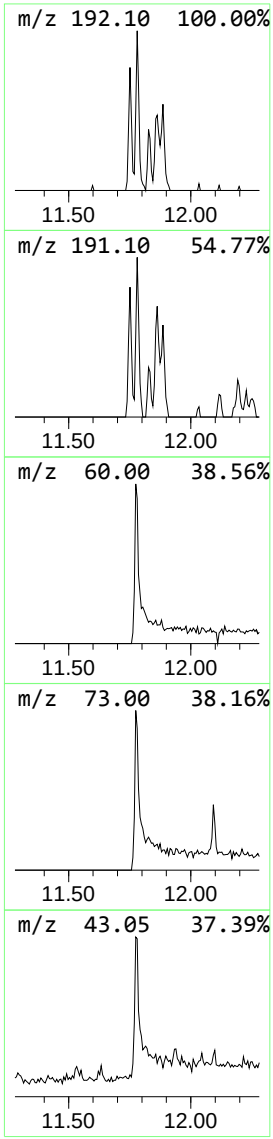
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	2.58 ng	106099	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122102.D
Acq On : 23 Oct 2020 16:48
Operator : JU/CG
Sample : L4436-11 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 37B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

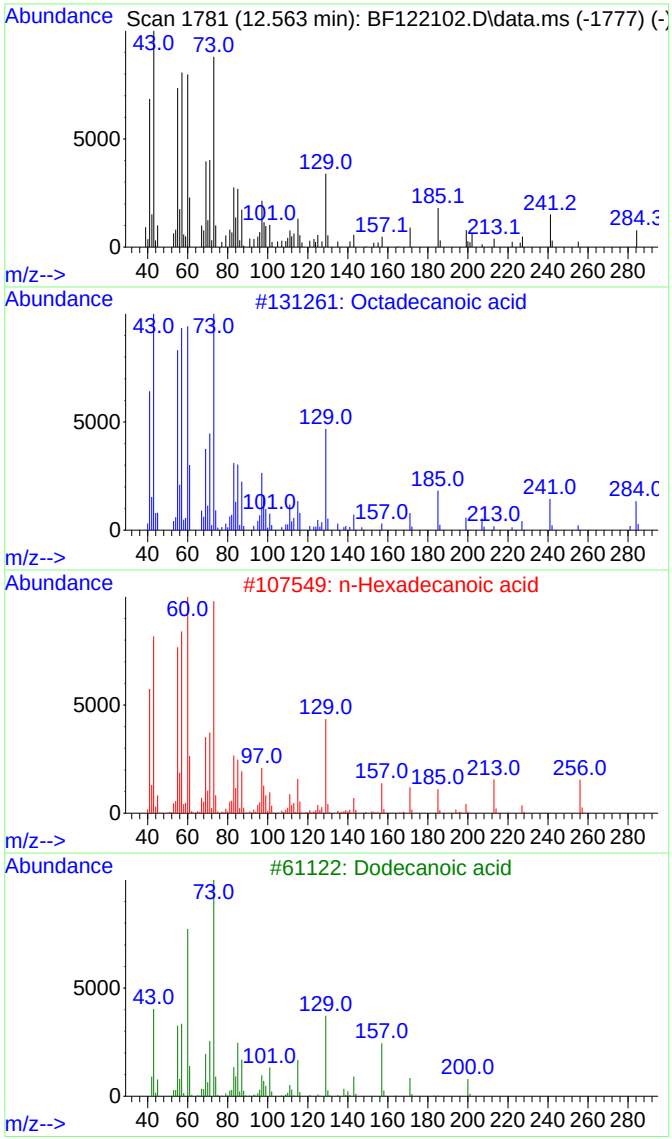
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

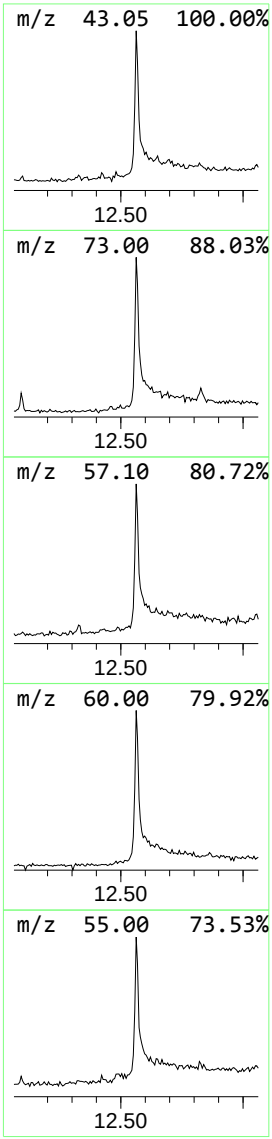
****

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	5.48 ng	225291	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122102.D
Acq On : 23 Oct 2020 16:48
Operator : JU/CG
Sample : L4436-11 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 37B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
Phenanthrene, 2...	11.780	2.6	ng	106099	4	11.245	821488	20.0
Octadecanoic acid	12.563	5.5	ng	225291	4	11.245	821488	20.0