LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020378.D
Acq On : 14 May 2024 22:46
Operator : MA/JU
Sample : P2372-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.476	62	66	73	rBV	12767	25997	1.58%	0.164%
2	3.599	84	87	101	rBV	78150	155673	9.45%	0.983%
3	3.881	133	135	139	rVB4	3859	3835	0.23%	0.024%
4	4.034	160	161	163	rBV2	2061	1916	0.12%	0.012%
5	4.217	188	192	197	rBV4	7436	11691	0.71%	0.074%
6	4.758	282	284	286	rBV3	2533	2334	0.14%	0.015%
7	4.805	290	292	295	rVV4	2321	2920	0.18%	0.018%
8	4.828	295	296	299	rVB3	2340	1668	0.10%	0.011%
9	5.711	444	446	451	rBV5	1231	1675	0.10%	0.011%
10	6.611	595	599	602	rBV6	1026	1785	0.11%	0.011%
11	6.793	624	630	646	rBV	97983	263933	16.03%	1.667%
12	6.952	651	657	674	rVB	99324	200566	12.18%	1.267%
13	7.134	682	688	707	rBV	136991	274870	16.69%	1.736%
14	7.593	758	766	779	rBV	157796	320403	19.46%	2.024%
15	8.316	882	889	908	rBV	138466	336350	20.43%	2.125%
16	8.487	917	918	924	rVB6	2061	2334	0.14%	0.015%
17	8.758	957	964	987	rBV	123372	290389	17.63%	1.834%
18	9.093	1018	1021	1027	rVB7	2769	4068	0.25%	0.026%
19	9.369	1059	1068	1069	rBV8	5228	10222	0.62%	0.065%
20	9.475	1079	1086	1100	rBV	106255	240972	14.63%	1.522%
21	10.016	1172	1178	1204	rBV	109755	358019	21.74%	2.262%
22	10.222	1210	1213	1214	rBV2	5142	5141	0.31%	0.032%
23	10.363	1229	1237	1254	rVB	231932	454880	27.62%	2.873%
24	10.540	1259	1267	1287	rBV2	116116	352276	21.39%	2.225%
25	11.181	1369	1376	1385	rBV4	10595	33356	2.03%	0.211%
26	12.004	1513	1516	1520	rVB5	2352	3192	0.19%	0.020%
27	13.687	1794	1802	1822	rBV	418499	769439	46.73%	4.860%
28	13.951	1839	1847	1859	rBV	492058	770182	46.77%	4.865%
29	14.263	1893	1900	1912	rBV	437089	687849	41.77%	4.345%
30	14.504	1932	1941	1947	rBV3	25552	60982	3.70%	0.385%
31	14.569	1947	1952	1958	rBV3	54248	148518	9.02%	0.938%
32	15.087	2033	2040	2043	rBV8	1943	3783	0.23%	0.024%
33	15.145	2046	2050	2053	rVB6	3431	4106	0.25%	0.026%
34	15.293	2067	2075	2086	rBV	633782	1031997	62.67%	6.519%
35	15.457	2096	2103	2111	rBV2	140521	287118	17.44%	1.814%
36	15.793	2157	2160	2164	rBV6	1237	1914	0.12%	0.012%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

37	16.040	2198	2202	2205	rVB6	2505	3347	0.20%	0.021%
38	16.216	2227	2232	2237	rBV9	2429	4936	0.30%	0.031%
39	16.522	2277	2284	2286	rBV6	3668	5929	0.36%	0.037%
40	16.863	2340	2342	2343	rBV2	1771	1771	0.11%	0.011%
41	17.045	2369	2373	2375	rBV5	2003	2051	0.12%	0.013%
42	17.104	2376	2383	2394	rBV	650824	944930	57.38%	5.969%
43	17.210	2394	2401	2416	rVV	740704	1225264	74.41%	7.740%
44	17.357	2424	2426	2430	rVB5	2810	3728	0.23%	0.024%
45	17.551	2455	2459	2460	rBV4	1622	2149	0.13%	0.014%
46	17.828	2500	2506	2511	rVB10	4042	9628	0.58%	0.061%
47	17.928	2520	2523	2527	rBV6	3749	5332	0.32%	0.034%
48	18.057	2540	2545	2555	rBV2	136606	264580	16.07%	1.671%
49	18.498	2618	2620	2622	rBV3	2099	2427	0.15%	0.015%
50	19.157	2727	2732	2738	rBV9	12435	23878	1.45%	0.151%
51	19.257	2742	2749	2752	rBV4	23192	47769	2.90%	0.302%
52	19.410	2771	2775	2786	rBV	58433	93461	5.68%	0.590%
53	19.563	2798	2801	2803	rBV3	12384	14866	0.90%	0.094%
54	19.610	2803	2809	2820	rVV	1012223	1628029	98.87%	10.284%
55	19.692	2821	2823	2829	rVB6	16586	21253	1.29%	0.134%
56	20.216	2909	2912	2918	rVB5	16394	23775	1.44%	0.150%
57	20.739	2999	3001	3005	rBV	30964	32621	1.98%	0.206%
58	21.286	3088	3094	3106	rBV	166443	321221	19.51%	2.029%
59	21.604	3142	3148	3159	rBV	659658	1160975	70.50%	7.334%
60	21.857	3189	3191	3197	rVB4	37440	43501	2.64%	0.275%
61	24.727	3669	3679	3694	rVB	566700	1646679	100.00%	10.402%
62	24.963	3709	3719	3732	rVB2	346772	1170202	71.06%	7.392%

Sum of corrected areas: 15830655

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Instrument :
BNA_P
ClientSampleId :
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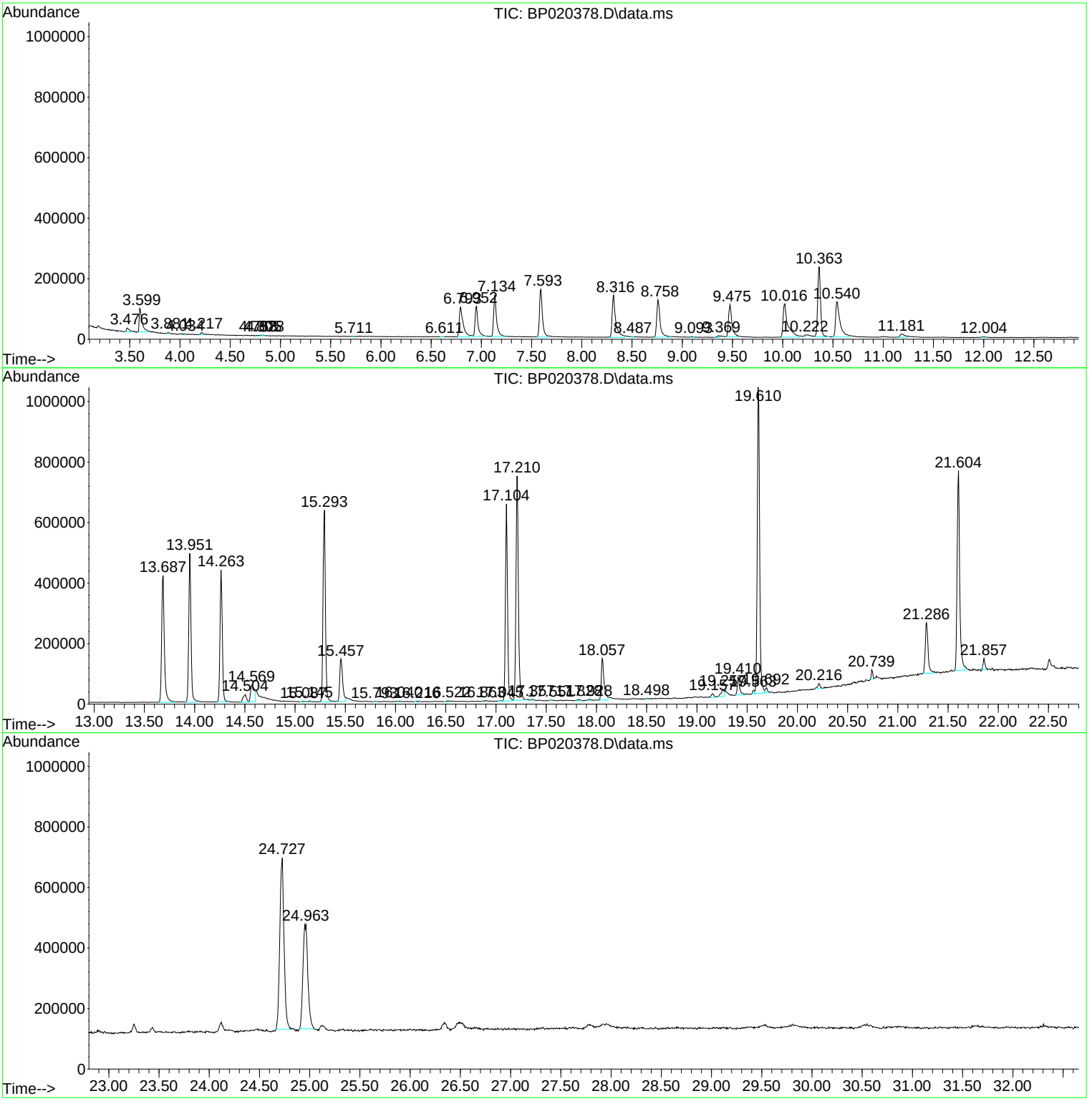
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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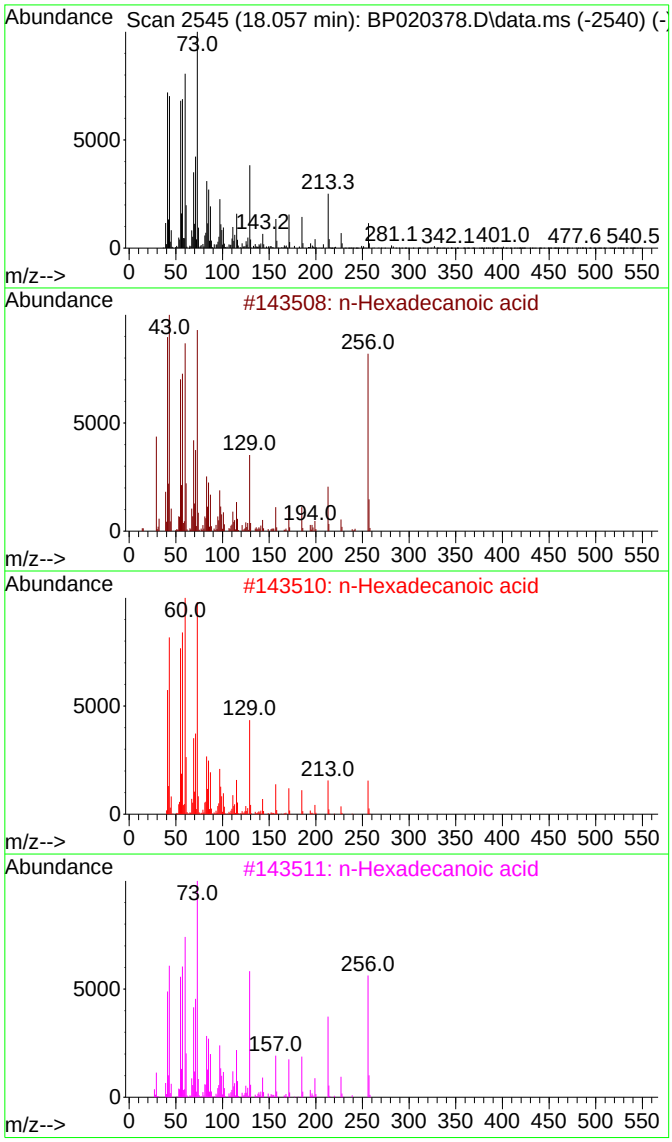
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

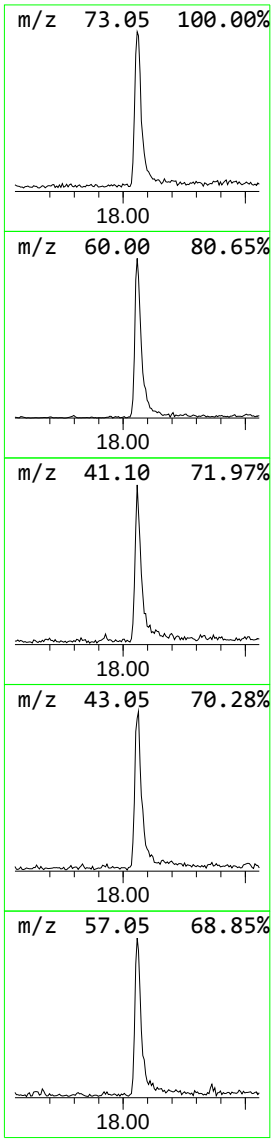
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	5.60 ng/ul	264580	Phenanthrene-d10	17.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





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Misc :
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Instrument :
BNA_P
ClientSampleId :
A43T8

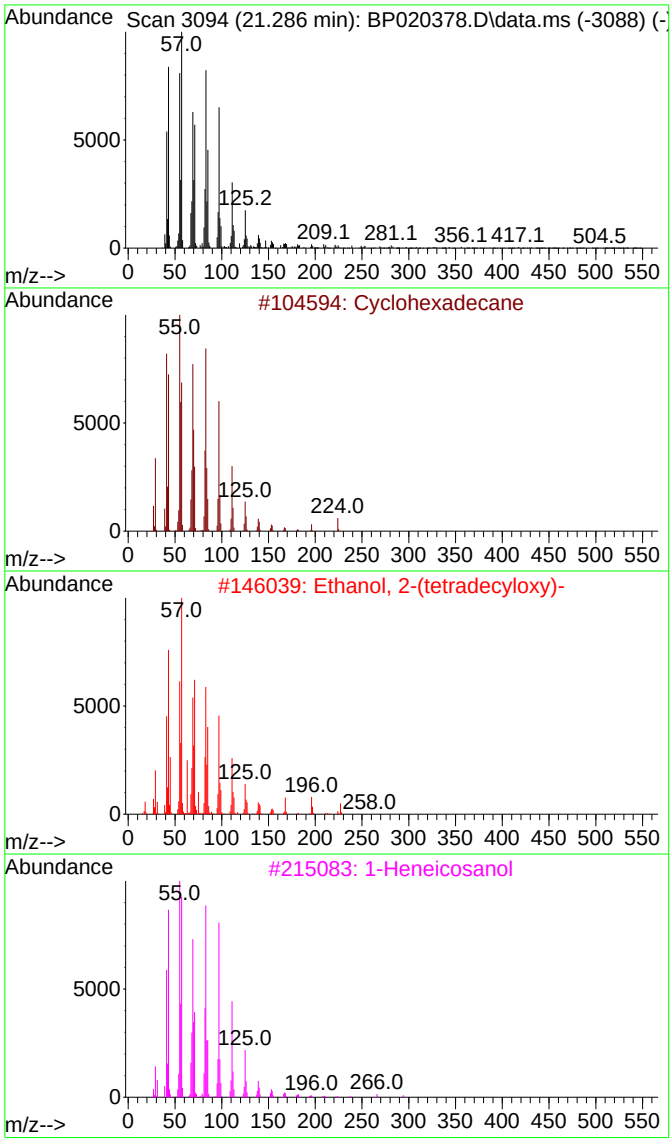
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

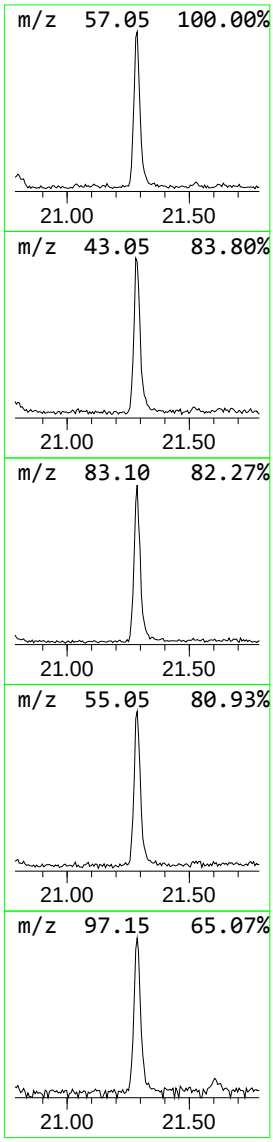
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic21.286 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	5.53 ng/ul	321221	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Octacosyl acetate	452	C30H60O2	018206-97-8	92
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
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Misc :
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Instrument :
BNA_P
ClientSampleId :
A43T8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.057	5.6	ng/ul	264580	4	17.104	944930	20.0
(DEL) Alkane: C...	21.286	5.5	ng/ul	321221	5	21.604	1160980	20.0