

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045825.D
 Acq On : 04 Jun 2024 20:32
 Operator : MA/JU
 Sample : P2589-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH6C8

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_M\Methods\SFAM-EPA-BM053124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM045825.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	9	12	20	rVB	50768	74145	1.71%	0.108%
2	3.487	82	85	93	rBV	175049	401128	9.24%	0.587%
3	3.546	93	95	102	rVB	88953	125471	2.89%	0.184%
4	3.746	125	129	134	rVB	67499	94540	2.18%	0.138%
5	4.657	279	284	289	rBV	36431	56050	1.29%	0.082%
6	4.828	308	313	324	rBV7	17759	44868	1.03%	0.066%
7	4.987	333	340	343	rBV	30206	48425	1.12%	0.071%
8	5.022	343	346	352	rVB	22153	33891	0.78%	0.050%
9	5.152	363	368	369	rBV2	50833	64336	1.48%	0.094%
10	5.510	422	429	434	rBV4	36779	63623	1.47%	0.093%
11	5.763	466	472	477	rBV3	36417	59101	1.36%	0.086%
12	6.469	586	592	598	rVV7	13282	35244	0.81%	0.052%
13	6.575	607	610	613	rVV2	23499	35552	0.82%	0.052%
14	6.640	613	621	628	rVV5	28813	79588	1.83%	0.116%
15	6.722	628	635	648	rVV	1059344	1843107	42.47%	2.697%
16	6.834	648	654	665	rVV	798150	1327117	30.58%	1.942%
17	7.028	680	687	695	rBV	1144248	1710957	39.43%	2.503%
18	7.116	695	702	710	rVB3	42974	101863	2.35%	0.149%
19	7.463	754	761	770	rVV	1419757	2169120	49.98%	3.174%
20	7.610	783	786	795	rVB4	32218	61758	1.42%	0.090%
21	7.840	819	825	832	rVB9	17284	32006	0.74%	0.047%
22	8.004	849	853	860	rVB4	26281	59020	1.36%	0.086%
23	8.116	865	872	878	rBV6	21742	39095	0.90%	0.057%
24	8.234	884	892	902	rBV	1000426	1663055	38.32%	2.433%
25	8.310	902	905	913	rVV2	47359	94368	2.17%	0.138%
26	8.628	952	959	969	rVV	1074358	1816844	41.87%	2.658%
27	8.704	969	972	981	rVV4	25457	52447	1.21%	0.077%
28	8.810	985	990	997	rVB7	23637	45212	1.04%	0.066%
29	9.228	1055	1061	1067	rBV6	17331	38497	0.89%	0.056%
30	9.339	1074	1080	1095	rVV	867034	1448834	33.39%	2.120%
31	9.692	1134	1140	1147	rVV8	15624	36783	0.85%	0.054%
32	9.892	1167	1174	1188	rVV	1256668	2103692	48.48%	3.078%
33	10.234	1223	1232	1238	rVV	1887148	3026907	69.75%	4.429%
34	10.286	1238	1241	1250	rVB3	51141	92275	2.13%	0.135%
35	10.428	1259	1265	1279	rVB2	167556	355444	8.19%	0.520%
36	10.839	1330	1335	1339	rBV6	22630	40404	0.93%	0.059%

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Integrator: RTE

Smoothing : OFF

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Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

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37	11.045	1362	1370	1375	rBV4	22642	51759	1.19%	0.076%
38	11.122	1379	1383	1390	rVV6	20231	44980	1.04%	0.066%
39	11.292	1405	1412	1417	rBV4	22460	45378	1.05%	0.066%
40	11.692	1472	1480	1487	rVV10	31588	72590	1.67%	0.106%
41	11.833	1499	1504	1510	rVV3	39147	70925	1.63%	0.104%
42	11.910	1510	1517	1523	rVV	61334	104437	2.41%	0.153%
43	12.063	1537	1543	1547	rVV	26513	54615	1.26%	0.080%
44	12.128	1549	1554	1559	rVV	39238	75770	1.75%	0.111%
45	12.951	1689	1694	1701	rVB3	51114	81846	1.89%	0.120%
46	13.069	1707	1714	1722	rBV3	42067	92172	2.12%	0.135%
47	13.286	1744	1751	1757	rBV6	28352	74420	1.71%	0.109%
48	13.369	1760	1765	1770	rBV8	17605	38718	0.89%	0.057%
49	13.427	1770	1775	1779	rBV2	49771	78378	1.81%	0.115%
50	13.480	1779	1784	1788	rVB5	31717	50065	1.15%	0.073%
51	13.557	1788	1797	1805	rBV	1927555	2754199	63.47%	4.030%
52	13.622	1805	1808	1812	rVV5	28447	47636	1.10%	0.070%
53	13.798	1832	1838	1849	rBV	2230974	3324692	76.61%	4.865%
54	14.033	1872	1878	1882	rBV	52053	69677	1.61%	0.102%
55	14.110	1882	1891	1899	rBV	2429233	3533293	81.42%	5.170%
56	14.174	1899	1902	1905	rVB	35079	45521	1.05%	0.067%
57	14.327	1923	1928	1931	rBV6	18208	33405	0.77%	0.049%
58	14.404	1931	1941	1951	rVV	658223	1109062	25.56%	1.623%
59	14.533	1956	1963	1969	rVV3	77093	209201	4.82%	0.306%
60	14.592	1969	1973	1981	rVV3	51502	90469	2.08%	0.132%
61	14.733	1991	1997	2002	rBV6	31698	65016	1.50%	0.095%
62	14.792	2003	2007	2015	rVB4	36662	64790	1.49%	0.095%
63	14.992	2033	2041	2045	rBV3	45284	71426	1.65%	0.105%
64	15.057	2048	2052	2055	rBV6	19919	31975	0.74%	0.047%
65	15.110	2055	2061	2066	rBV	2552699	3678590	84.77%	5.382%
66	15.163	2066	2070	2074	rVB2	48890	62862	1.45%	0.092%
67	15.245	2078	2084	2090	rVV	648382	850332	19.59%	1.244%
68	15.392	2105	2109	2115	rVB6	32665	60543	1.40%	0.089%
69	15.463	2115	2121	2131	rBV3	36455	81719	1.88%	0.120%
70	15.610	2142	2146	2154	rVB5	33070	75551	1.74%	0.111%
71	15.698	2158	2161	2167	rVB7	24388	38839	0.89%	0.057%
72	15.851	2182	2187	2190	rBV	91899	138176	3.18%	0.202%
73	16.163	2235	2240	2246	rVV9	32630	70431	1.62%	0.103%
74	16.310	2263	2265	2270	rVB5	34659	44361	1.02%	0.065%
75	16.404	2277	2281	2283	rBV5	30452	45807	1.06%	0.067%
76	16.515	2296	2300	2308	rBV	129900	189173	4.36%	0.277%

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77	16.586	2310	2312	2316	rBV4	26782	43486	1.00%	0.064%
78	16.639	2318	2321	2322	rVV2	41934	49173	1.13%	0.072%
79	16.663	2323	2325	2332	rVB2	63124	112671	2.60%	0.165%
80	16.851	2352	2357	2361	rBV	2414975	3342915	77.03%	4.891%
81	16.898	2361	2365	2369	rVB	1260198	1661621	38.29%	2.431%
82	16.951	2369	2374	2379	rBV	2379840	3274407	75.45%	4.791%
83	17.063	2388	2393	2397	rBV6	42532	91430	2.11%	0.134%
84	17.174	2409	2412	2416	rVB2	44604	58324	1.34%	0.085%
85	17.274	2426	2429	2437	rVB	169159	225086	5.19%	0.329%
86	17.374	2442	2446	2452	rBV2	63269	133902	3.09%	0.196%
87	17.727	2502	2506	2510	rBV	230284	301640	6.95%	0.441%
88	17.780	2510	2515	2523	rVV2	640748	1093715	25.20%	1.600%
89	17.845	2524	2526	2532	rVV2	160772	252458	5.82%	0.369%
90	17.915	2534	2538	2542	rVV2	280388	484657	11.17%	0.709%
91	17.957	2542	2545	2551	rVB	166503	234139	5.40%	0.343%
92	18.233	2589	2592	2595	rBV	156532	197630	4.55%	0.289%
93	18.274	2595	2599	2604	rVB	367326	486720	11.22%	0.712%
94	18.915	2703	2708	2713	rBV	2846106	3524478	81.22%	5.157%
95	19.251	2760	2765	2767	rBV	3106886	3984336	91.81%	5.830%
96	19.280	2767	2770	2775	rVB	2394395	3008428	69.32%	4.402%
97	20.998	3059	3062	3066	rBV	800932	857687	19.76%	1.255%
98	21.062	3067	3073	3077	rVV2	2332316	4339609	100.00%	6.350%
99	21.103	3077	3080	3091	rVB	1184415	1712137	39.45%	2.505%
100	23.603	3501	3505	3510	rVB2	1021242	1775369	40.91%	2.598%

Sum of corrected areas: 68343584

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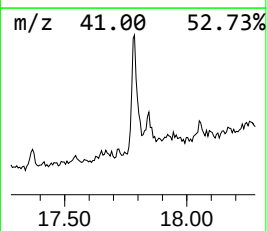
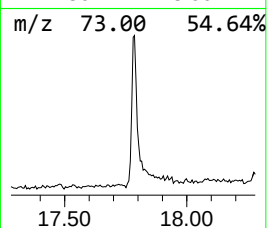
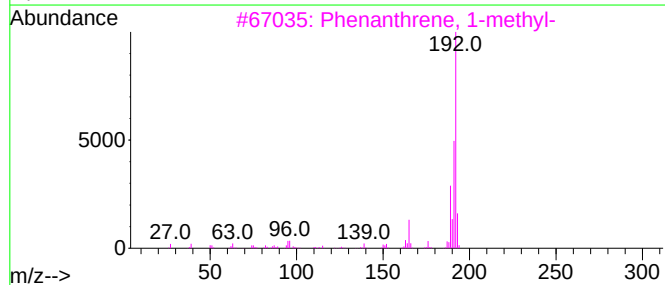
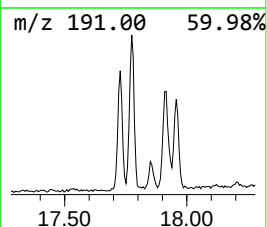
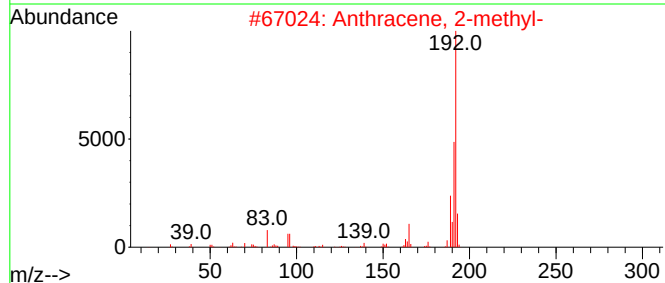
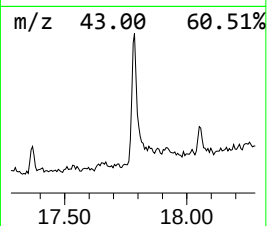
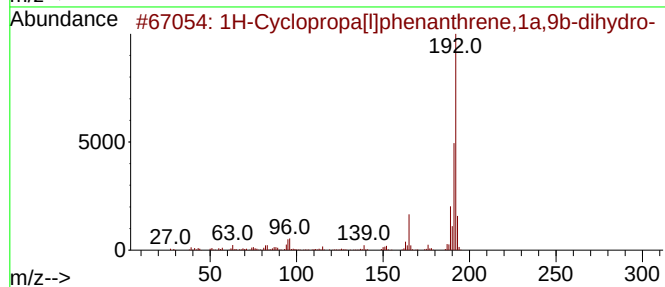
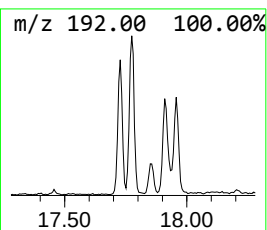
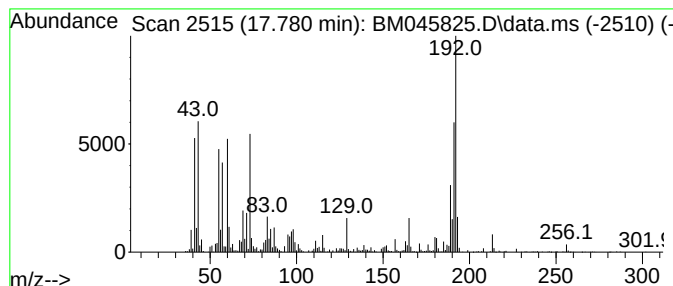
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.780	6.54 ng/ul	1093720	Phenanthrene-d10	16.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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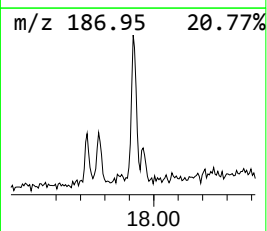
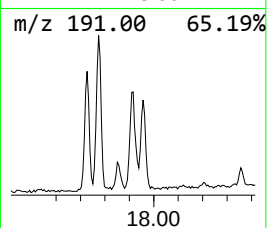
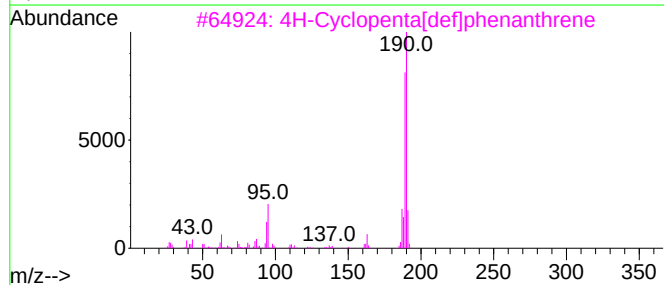
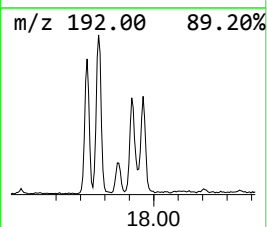
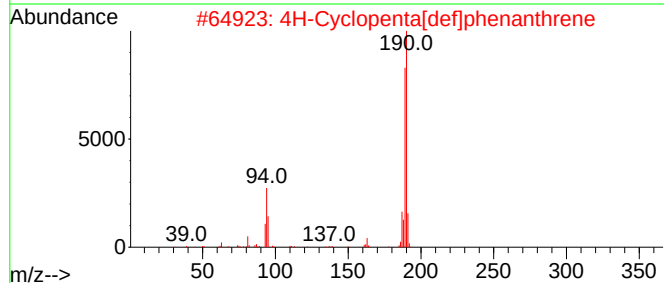
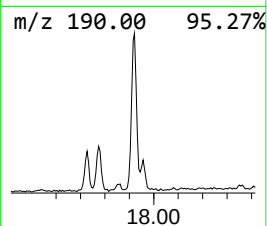
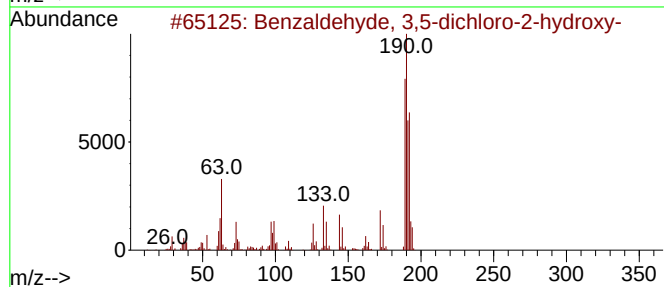
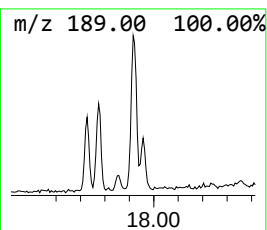
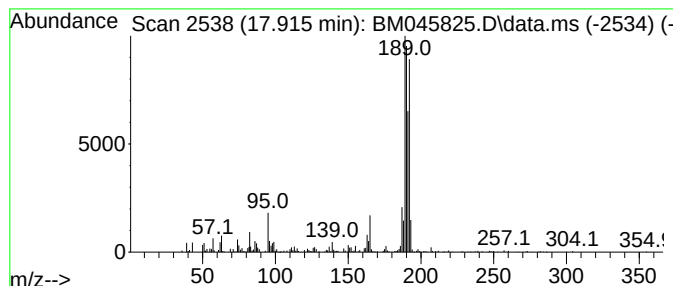
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	2.90 ng/ul	484657	Phenanthrene-d10	16.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



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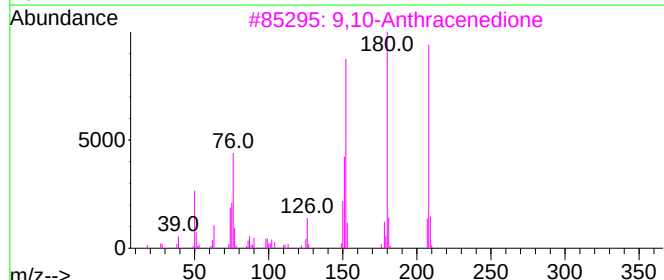
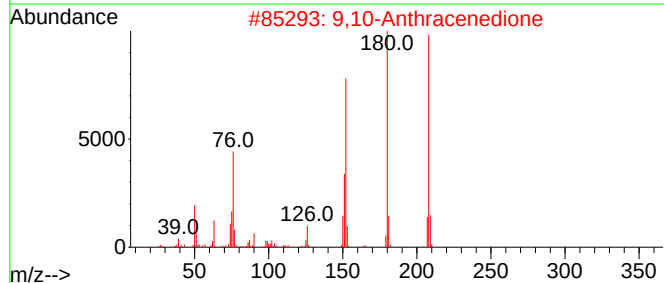
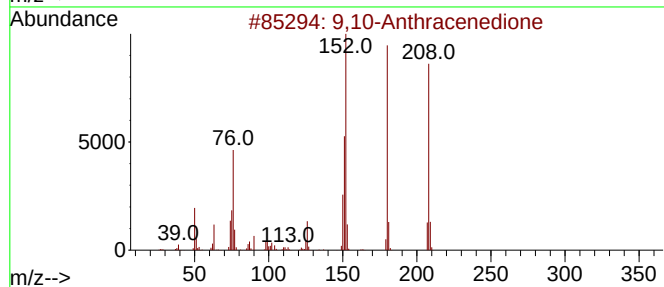
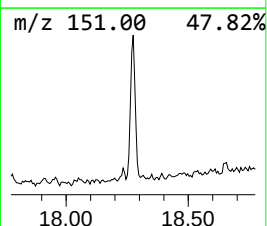
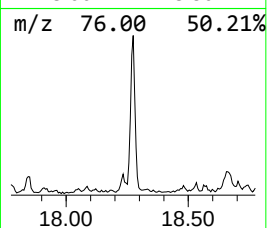
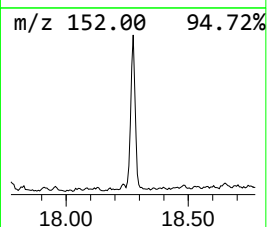
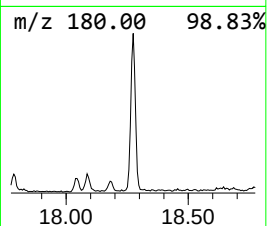
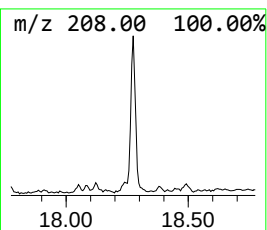
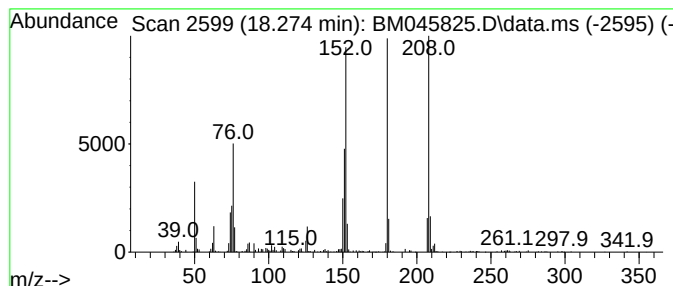
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	2.91 ng/ul	486720	Phenanthrene-d10	16.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	89
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	78



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1H-Cyclopropa[1...	17.780	6.5	ng/ul	1093720	4	16.857	3342920	20.0
Benzaldehyde, 3...	17.915	2.9	ng/ul	484657	4	16.857	3342920	20.0
9,10-Anthracene...	18.274	2.9	ng/ul	486720	4	16.857	3342920	20.0