

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005406.D
 Acq On : 01 May 2019 12:28
 Operator : JU/SJ
 Sample : K2596-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH43

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.211	35	38	48	rVB	43903	66311	0.83%	0.075%
2	3.699	118	121	128	rVB2	44602	65018	0.81%	0.073%
3	3.770	130	133	135	rBV4	9871	12378	0.16%	0.014%
4	3.911	154	157	161	rVB	29405	36564	0.46%	0.041%
5	4.775	298	304	309	rBV2	28931	47319	0.59%	0.053%
6	4.864	315	319	325	rBV4	22797	37213	0.47%	0.042%
7	6.493	591	596	598	rBV5	8357	12761	0.16%	0.014%
8	6.599	611	614	621	rBV5	9577	21771	0.27%	0.025%
9	6.775	636	644	659	rVB	833578	1408171	17.64%	1.591%
10	6.940	665	672	684	rVB	631865	1002120	12.55%	1.132%
11	7.128	698	704	714	rBV	891952	1399742	17.53%	1.581%
12	7.222	716	720	722	rBV5	6761	8108	0.10%	0.009%
13	7.299	729	733	736	rBV4	5952	10494	0.13%	0.012%
14	7.346	738	741	747	rVB8	4943	7983	0.10%	0.009%
15	7.593	776	783	791	rBV	1311214	2133939	26.73%	2.411%
16	7.652	791	793	800	rVB6	15198	27831	0.35%	0.031%
17	7.987	845	850	852	rBV3	7625	12867	0.16%	0.015%
18	8.293	894	902	915	rBV	981535	1665968	20.87%	1.882%
19	8.405	919	921	929	rVB7	9103	13245	0.17%	0.015%
20	8.734	969	977	985	rBV	830483	1359179	17.03%	1.535%
21	8.852	994	997	1001	rBV4	9361	15333	0.19%	0.017%
22	8.905	1001	1006	1013	rVB7	18051	34549	0.43%	0.039%
23	9.175	1046	1052	1057	rVB2	36995	53971	0.68%	0.061%
24	9.275	1063	1069	1074	rBV3	16398	25294	0.32%	0.029%
25	9.446	1091	1098	1107	rBV	675660	1151884	14.43%	1.301%
26	9.822	1158	1162	1166	rVB4	8820	13057	0.16%	0.015%
27	9.916	1170	1178	1182	rBV5	15730	32337	0.41%	0.037%
28	9.981	1182	1189	1208	rVV	1047932	1895911	23.75%	2.142%
29	10.352	1245	1252	1260	rBV	1990914	3262893	40.87%	3.686%
30	10.493	1269	1276	1292	rBV	381271	797093	9.98%	0.900%
31	10.740	1313	1318	1321	rBV5	8663	14179	0.18%	0.016%
32	11.157	1385	1389	1391	rBV4	8149	10410	0.13%	0.012%
33	11.216	1393	1399	1400	rVB6	7899	13747	0.17%	0.016%
34	11.305	1408	1414	1421	rBV7	15714	41527	0.52%	0.047%

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35	11.446	1434	1438	1442	rVB6	4830	8010	0.10%	0.009%
36	11.634	1465	1470	1471	rBV4	5205	8485	0.11%	0.010%
37	11.787	1491	1496	1499	rBV4	9798	14519	0.18%	0.016%
38	11.952	1517	1524	1525	rBV3	20989	30572	0.38%	0.035%
39	11.981	1525	1529	1536	rVB	81520	143993	1.80%	0.163%
40	12.834	1668	1674	1676	rBV6	9801	15597	0.20%	0.018%
41	13.057	1709	1712	1717	rBV4	11915	20040	0.25%	0.023%
42	13.193	1732	1735	1740	rBV7	7799	12181	0.15%	0.014%
43	13.463	1777	1781	1786	rBV4	18944	30413	0.38%	0.034%
44	13.546	1792	1795	1800	rVB5	11722	15684	0.20%	0.018%
45	13.640	1805	1811	1816	rVV	2034439	2853427	35.74%	3.224%
46	13.687	1816	1819	1827	rVB	733280	1006930	12.61%	1.138%
47	13.840	1841	1845	1849	rBV4	31353	46132	0.58%	0.052%
48	13.910	1850	1857	1872	rVV	2319537	3646268	45.68%	4.119%
49	14.063	1878	1883	1891	rBV4	53702	108753	1.36%	0.123%
50	14.146	1895	1897	1901	rVV4	18748	20559	0.26%	0.023%
51	14.228	1902	1911	1918	rVV2	2895740	4627655	57.97%	5.228%
52	14.287	1918	1921	1932	rVB4	43310	90042	1.13%	0.102%
53	14.440	1942	1947	1960	rBV	464764	1007344	12.62%	1.138%
54	14.593	1970	1973	1976	rBV3	23622	33454	0.42%	0.038%
55	14.963	2031	2036	2038	rBV5	26519	38415	0.48%	0.043%
56	15.051	2048	2051	2054	rVB3	23919	26810	0.34%	0.030%
57	15.104	2058	2060	2065	rVV6	19090	25515	0.32%	0.029%
58	15.222	2074	2080	2087	rBV	2964400	4415077	55.31%	4.988%
59	15.357	2098	2103	2114	rBV	285026	481108	6.03%	0.544%
60	15.975	2206	2208	2212	rVB5	70000	73214	0.92%	0.083%
61	16.981	2373	2379	2383	rBV2	3822783	5611266	70.29%	6.339%
62	17.022	2383	2386	2390	rVB	1367508	1724626	21.60%	1.948%
63	17.075	2390	2395	2400	rBV2	3021141	4551496	57.02%	5.142%
64	17.904	2532	2536	2548	rBV	1311250	1960446	24.56%	2.215%
65	19.057	2727	2732	2738	rBV	5575426	7294229	91.37%	8.240%
66	19.204	2754	2757	2765	rBV9	456675	887885	11.12%	1.003%
67	19.392	2784	2789	2792	rBV2	4223333	6580035	82.43%	7.434%
68	19.422	2792	2794	2804	rVB	4536021	5605892	70.22%	6.333%
69	19.928	2877	2880	2885	rVB	1095644	1292448	16.19%	1.460%
70	20.210	2925	2928	2934	rBV2	910496	1259355	15.78%	1.423%
71	20.686	3006	3009	3015	rVB	1420403	1677187	21.01%	1.895%

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72	20.951	3051	3054	3058	rVB3	1273690	1485193	18.60%	1.678%
73	21.216	3093	3099	3102	rBV3	4047526	7982911	100.00%	9.018%
74	21.251	3102	3105	3113	rVB	3896491	5093988	63.81%	5.755%

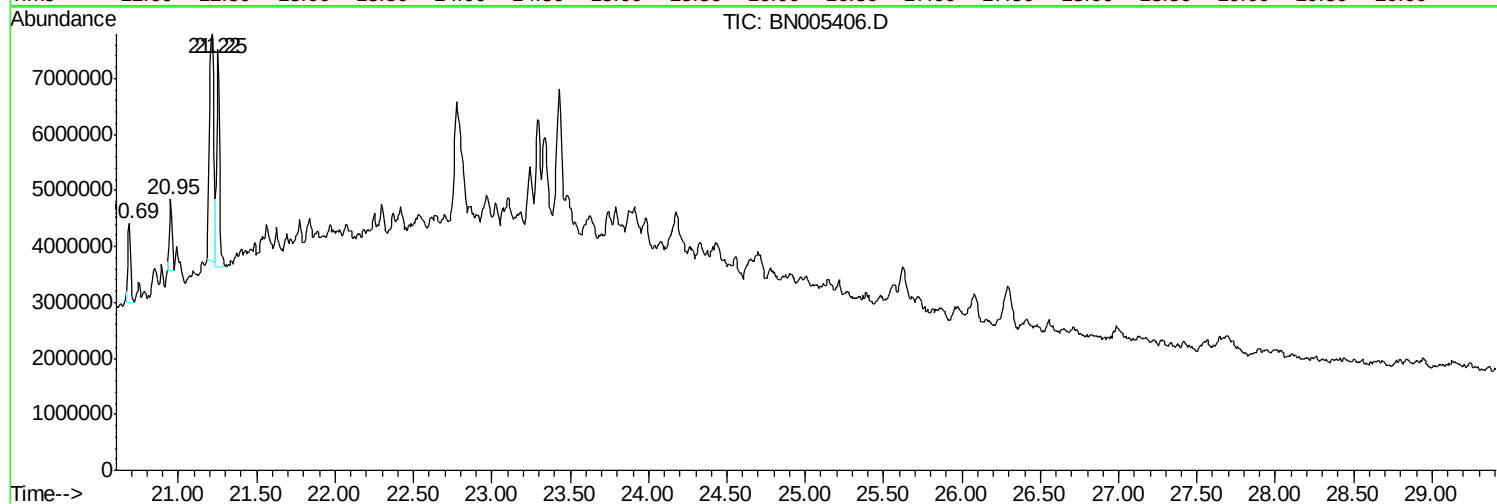
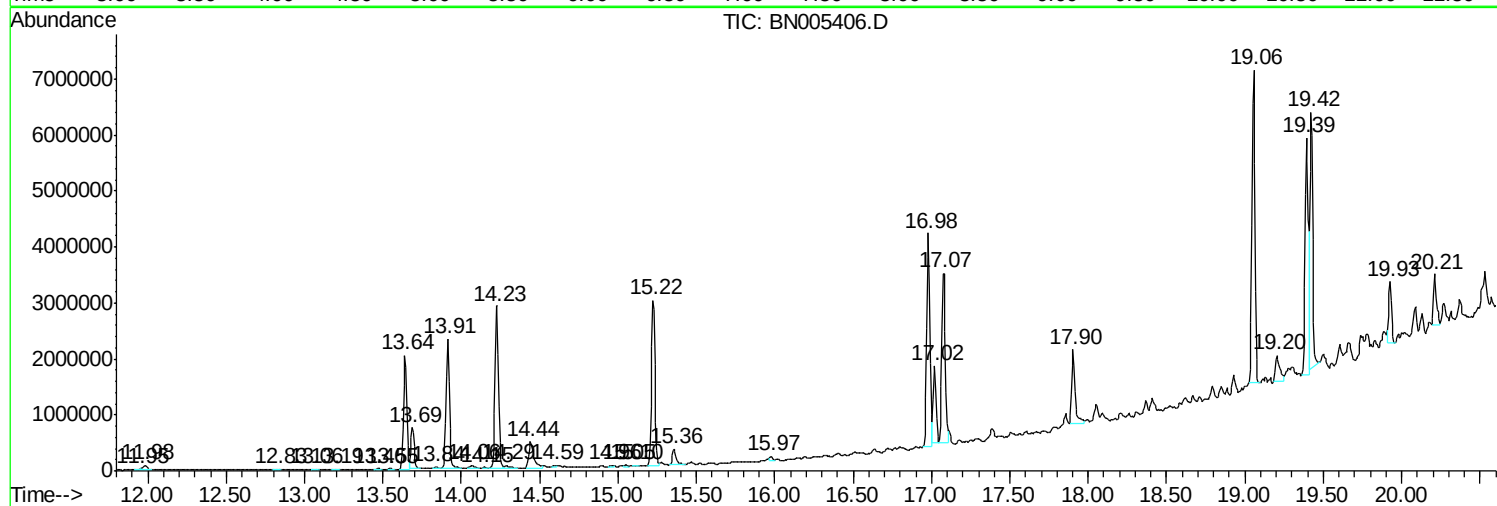
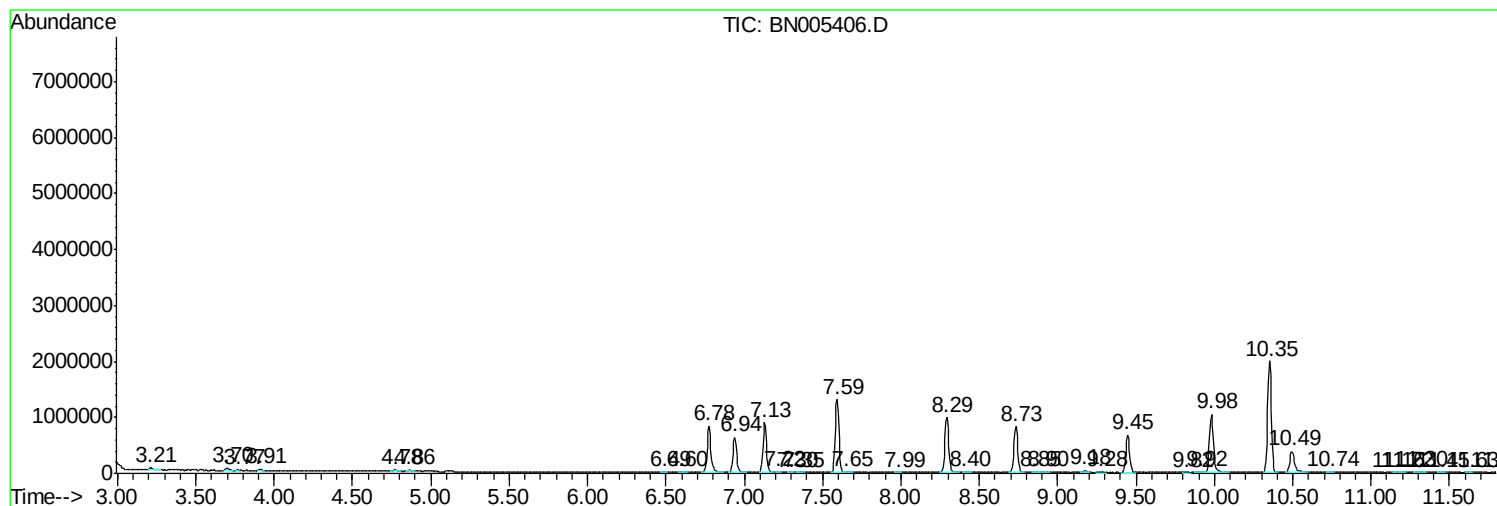
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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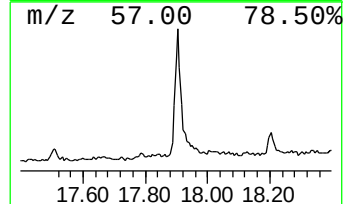
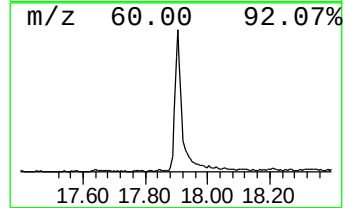
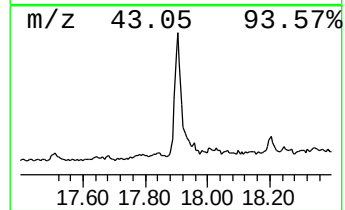
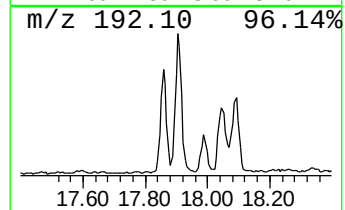
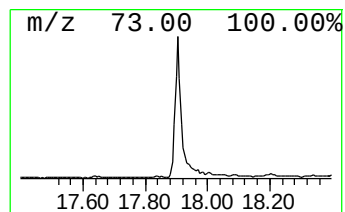
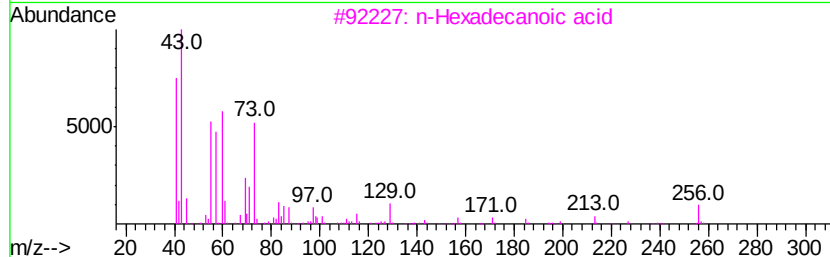
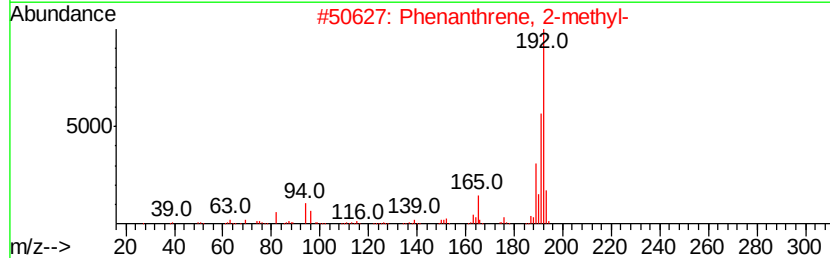
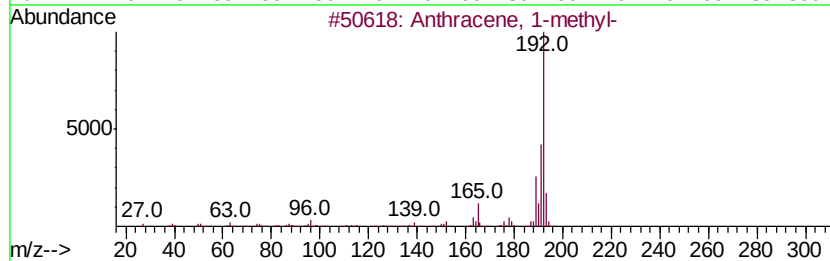
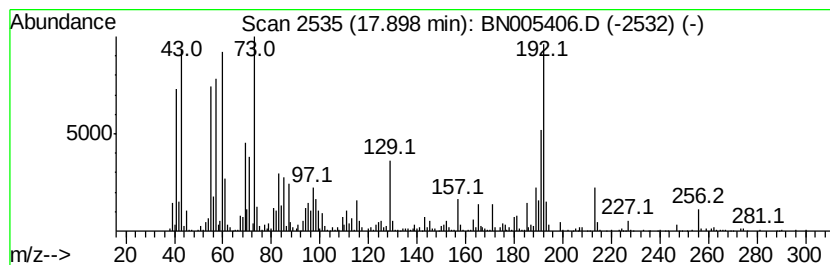
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.90	6.99 ng/ul	1960450	Phenanthrene-d10		16.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	84
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83



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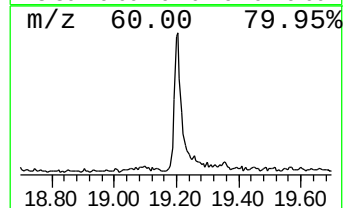
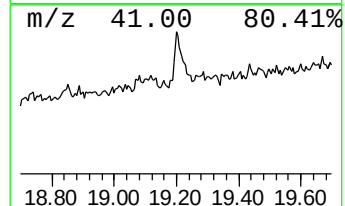
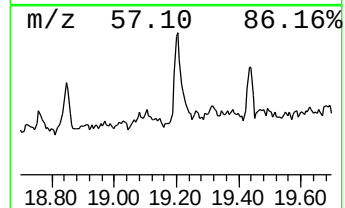
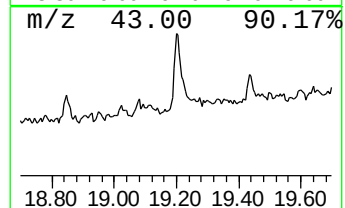
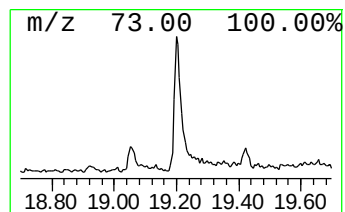
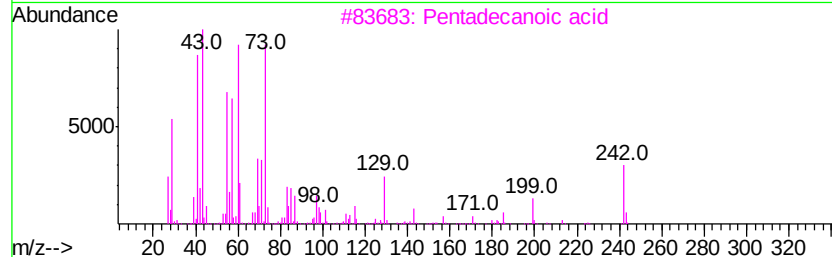
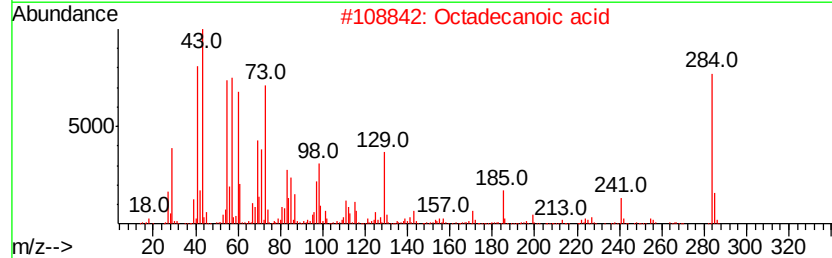
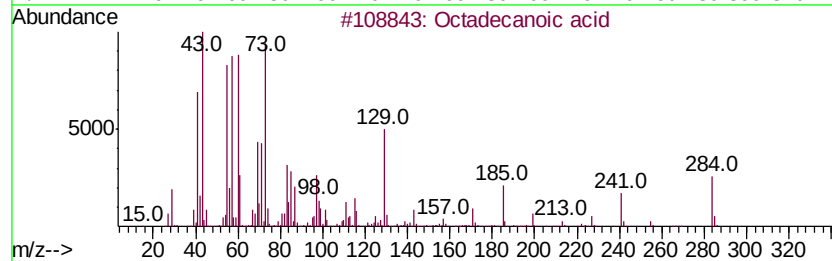
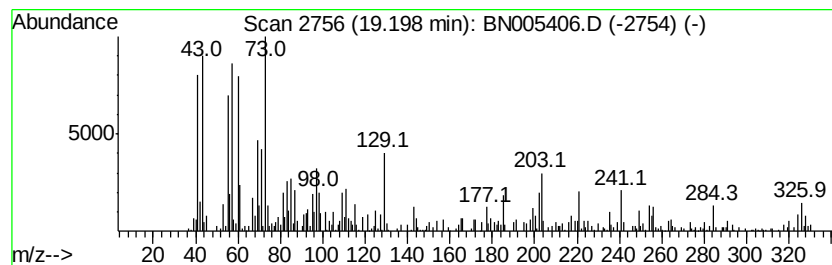
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.22 ng/ul	887885	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 97
2	Octadecanoic acid	284	C18H36O2	000057-11-4 90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2 90
4	Octadecanoic acid	284	C18H36O2	000057-11-4 87
5	16-Hydroxyhexadecanoic acid	272	C16H32O3	000506-13-8 64



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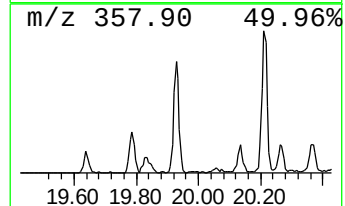
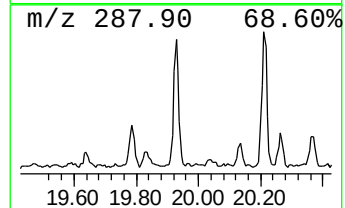
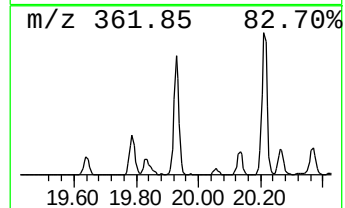
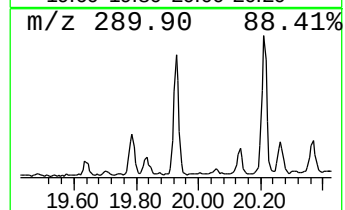
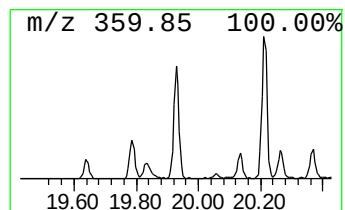
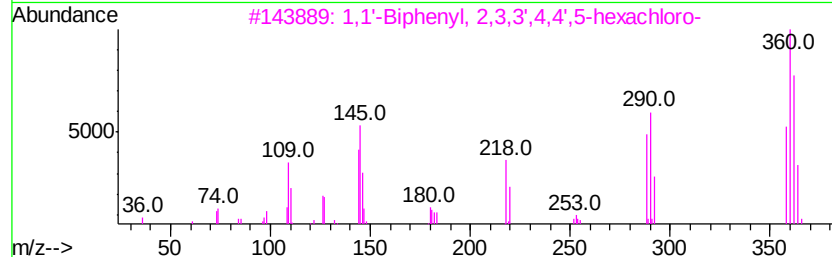
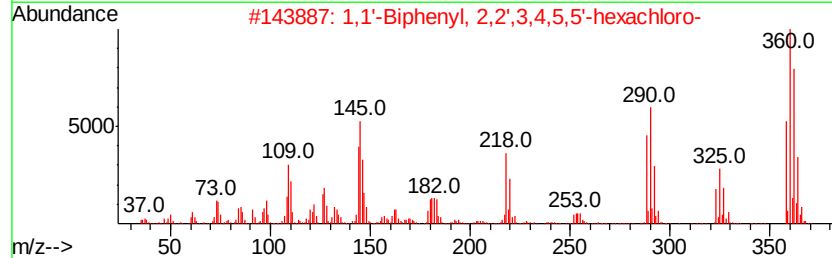
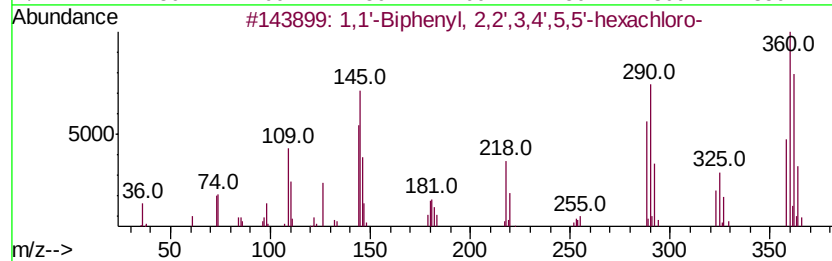
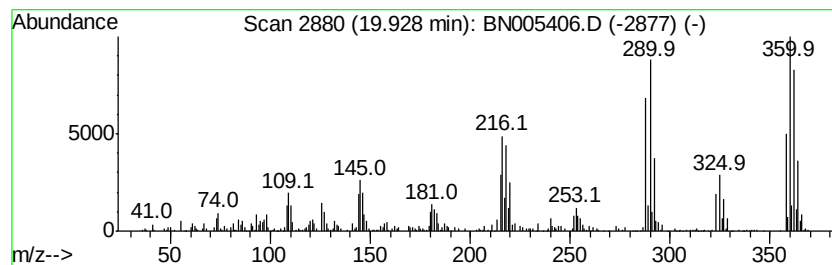
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.93	3.24 ng/ul	1292450	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl,	2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl,	2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl,	2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl,	2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	97



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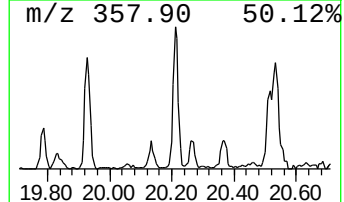
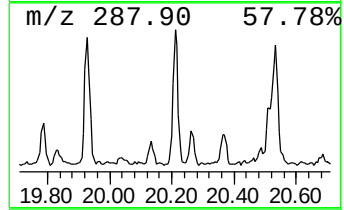
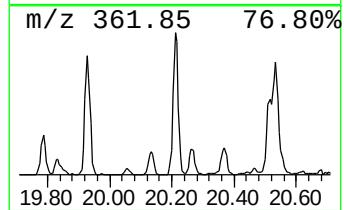
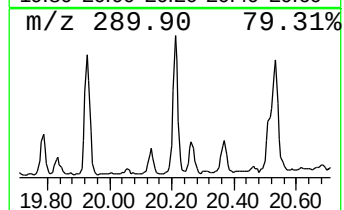
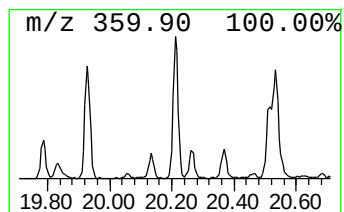
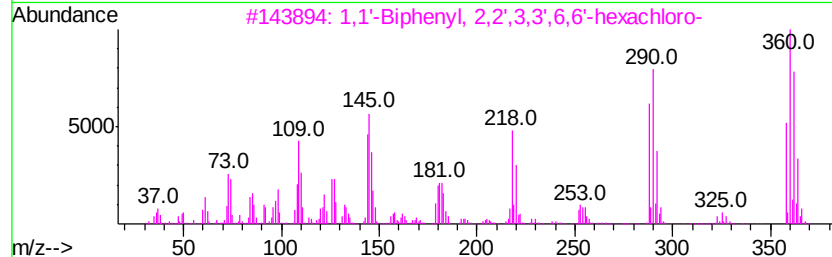
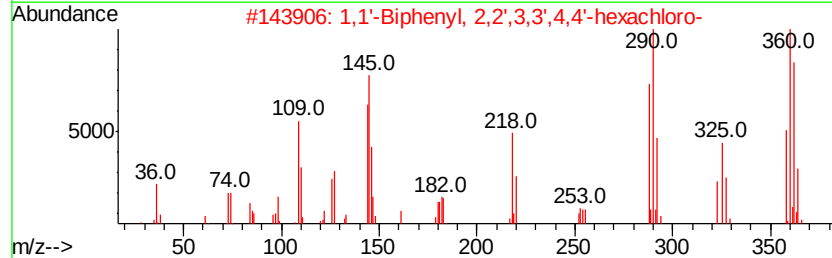
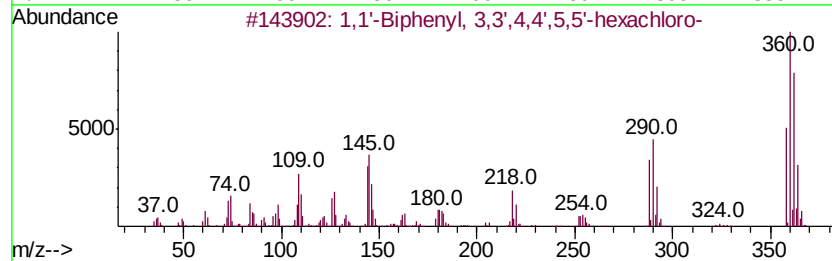
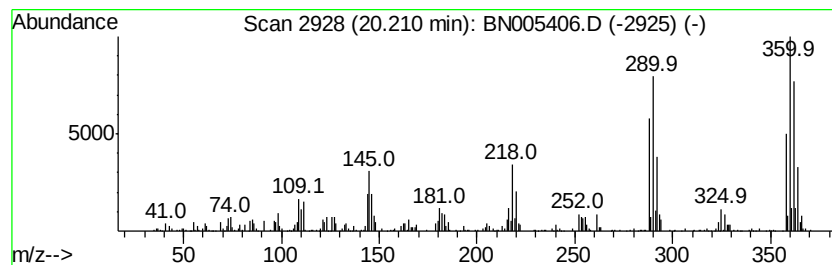
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.21	3.16 ng/ul	1259360	Chrysene-d12	21.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	98
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	95
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	95
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005406.D
Acq On : 01 May 2019 12:28
Operator : JU/SJ
Sample : K2596-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH43

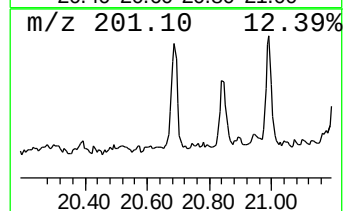
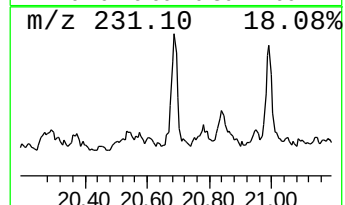
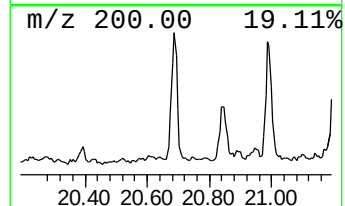
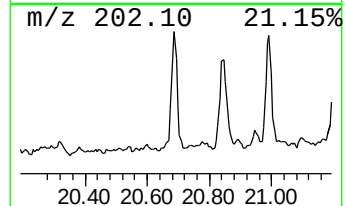
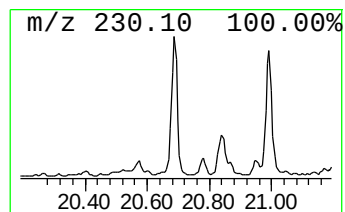
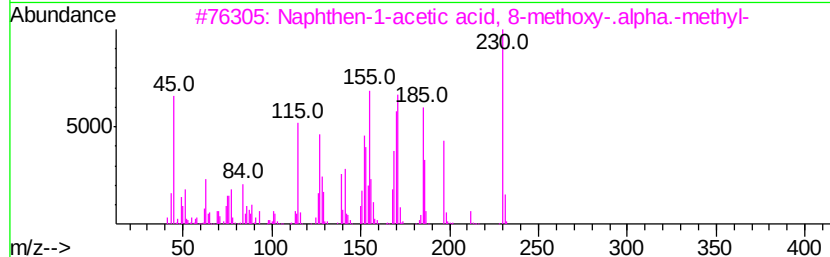
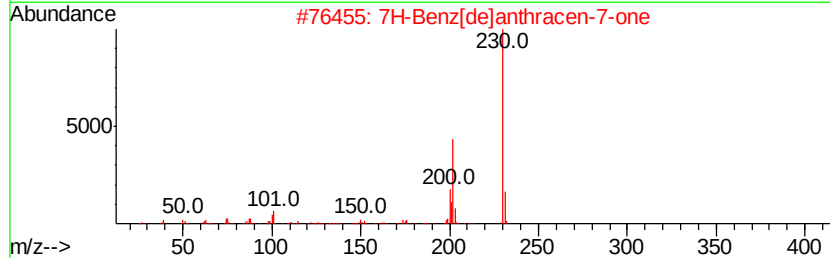
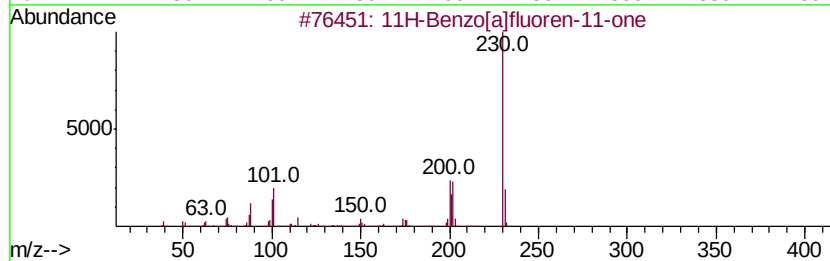
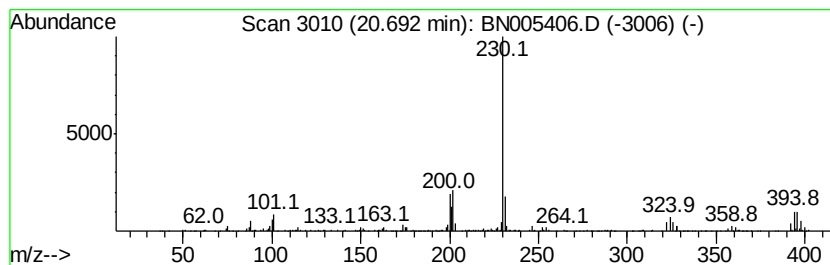
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	4.20 ng/ul	1677190	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		Naphthen-1-acetic acid, 8-methox...	230	C14H14O3	1000129-23-3	83
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005406.D
Acq On : 01 May 2019 12:28
Operator : JU/SJ
Sample : K2596-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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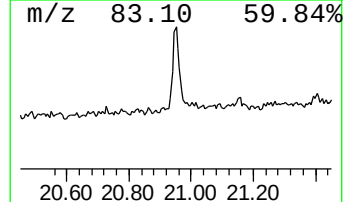
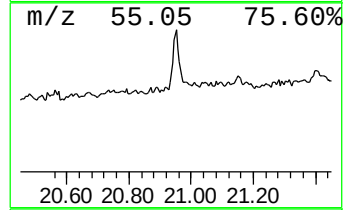
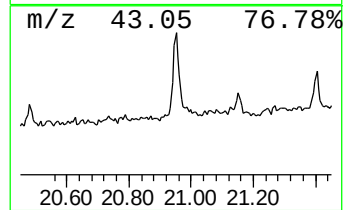
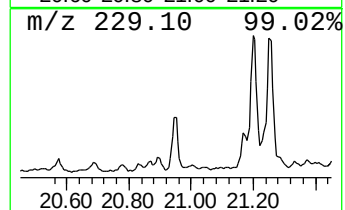
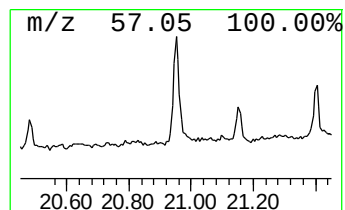
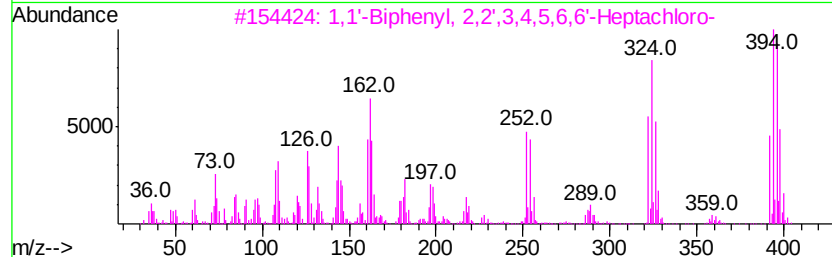
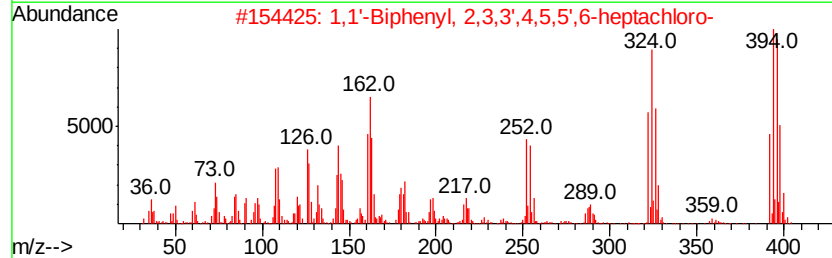
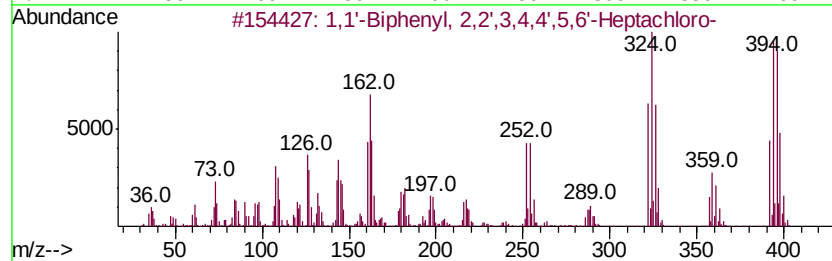
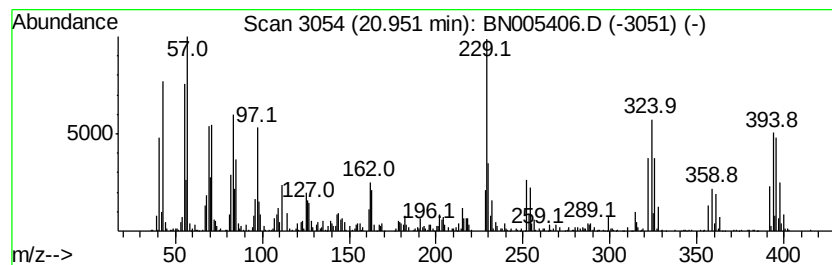
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.72 ng/ul	1485190	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2		1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	93
3		1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	90
4		2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	90
5		1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050119\
Data File : BN005406.D
Acq On : 01 May 2019 12:28
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Sample : K2596-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-met...	17.90	7.0	ng/ul	1960450	4	16.98	5611270	20.0
Octadecanoic acid	19.20	2.2	ng/ul	887885	5	21.22	7982910	20.0
1,1'-Biphenyl, 2,...	19.93	3.2	ng/ul	1292450	5	21.22	7982910	20.0
1,1'-Biphenyl, 3,...	20.21	3.2	ng/ul	1259360	5	21.22	7982910	20.0
11H-Benzo[a]fluor...	20.69	4.2	ng/ul	1677190	5	21.22	7982910	20.0
1,1'-Biphenyl, 2,...	20.95	3.7	ng/ul	1485190	5	21.22	7982910	20.0