

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
 Data File : BM023979.D
 Acq On : 03 Dec 2019 20:50
 Operator : JU
 Sample : K5914-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLN9

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_M\METHODS\SOM-EPA-BM112719MA.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	3.034	23	25	32	rVB	68509	81349	1.08%	0.094%
2	3.651	126	130	136	rVB	44309	70525	0.94%	0.081%
3	3.734	141	144	147	rBV2	18533	22088	0.29%	0.025%
4	4.645	296	299	304	rBV	36445	55740	0.74%	0.064%
5	6.675	636	644	656	rBV	1055484	1899390	25.23%	2.190%
6	6.834	665	671	683	rBV	850324	1413598	18.78%	1.630%
7	7.016	696	702	715	rBV	1131099	1915670	25.45%	2.209%
8	7.122	717	720	725	rVB6	8732	12200	0.16%	0.014%
9	7.481	774	781	790	rBV	1135238	1752773	23.28%	2.021%
10	7.563	793	795	801	rVB6	7587	12665	0.17%	0.015%
11	8.198	896	903	918	rBV	1321730	2245721	29.83%	2.589%
12	8.316	918	923	930	rVB	34640	66604	0.88%	0.077%
13	8.633	970	977	994	rVB	1011039	1730677	22.99%	1.995%
14	8.822	1007	1009	1017	rVB8	6383	11626	0.15%	0.013%
15	9.080	1050	1053	1058	rVB2	12113	17044	0.23%	0.020%
16	9.351	1091	1099	1117	rBV	840160	1448852	19.25%	1.670%
17	9.886	1183	1190	1207	rBV	1288824	2329279	30.94%	2.685%
18	10.251	1244	1252	1266	rBV	1519123	2532850	33.65%	2.920%
19	10.404	1271	1278	1296	rBV	859826	1775232	23.58%	2.047%
20	10.704	1326	1329	1335	rBV7	4026	7804	0.10%	0.009%
21	11.868	1521	1527	1535	rVB2	22006	44286	0.59%	0.051%
22	11.957	1537	1542	1545	rVV5	8451	16870	0.22%	0.019%
23	11.986	1545	1547	1551	rVV3	6730	10303	0.14%	0.012%
24	12.033	1551	1555	1559	rVB6	4176	7708	0.10%	0.009%
25	12.527	1628	1639	1648	rBV8	20878	66157	0.88%	0.076%
26	12.751	1674	1677	1681	rBV4	7471	9119	0.12%	0.011%
27	13.463	1791	1798	1805	rBV9	11414	29376	0.39%	0.034%
28	13.563	1809	1815	1820	rVV	2418421	3476239	46.18%	4.008%
29	13.610	1820	1823	1835	rVB	913799	1284080	17.06%	1.480%
30	13.833	1853	1861	1876	rVV	2898106	4364692	57.98%	5.032%
31	14.068	1897	1901	1906	rVB7	6208	9896	0.13%	0.011%
32	14.145	1906	1914	1924	rBV2	2263785	3487708	46.33%	4.021%
33	14.251	1929	1932	1936	rVB4	15646	21934	0.29%	0.025%
34	14.374	1948	1953	1969	rBV	649041	1277507	16.97%	1.473%

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 Title : SVOA CALIBRATION

35	14.557	1981	1984	1985	rBV3	6937	7961	0.11%	0.009%
36	14.592	1985	1990	1999	rVB3	83833	146898	1.95%	0.169%
37	14.715	2009	2011	2014	rVB4	8396	8060	0.11%	0.009%
38	14.974	2050	2055	2061	rBV5	8215	17339	0.23%	0.020%
39	15.033	2061	2065	2067	rVB4	6635	7800	0.10%	0.009%
40	15.145	2077	2084	2095	rBV	3988292	5585726	74.20%	6.440%
41	15.286	2102	2108	2119	rBV	858183	1255313	16.68%	1.447%
42	15.386	2121	2125	2129	rVB	46792	69746	0.93%	0.080%
43	15.533	2148	2150	2155	rVB6	8065	9297	0.12%	0.011%
44	15.592	2155	2160	2164	rBV3	20537	28976	0.38%	0.033%
45	15.715	2176	2181	2185	rBV7	6011	11932	0.16%	0.014%
46	15.786	2189	2193	2197	rVB7	6976	8398	0.11%	0.010%
47	15.845	2197	2203	2206	rBV8	7706	12052	0.16%	0.014%
48	15.898	2208	2212	2213	rBV4	6876	8642	0.11%	0.010%
49	15.933	2215	2218	2221	rVB4	12959	16059	0.21%	0.019%
50	16.056	2237	2239	2245	rVB6	5405	8174	0.11%	0.009%
51	16.445	2300	2305	2307	rBV6	5789	10138	0.13%	0.012%
52	16.692	2342	2347	2352	rVV4	19302	33559	0.45%	0.039%
53	16.898	2375	2382	2392	rVV	2962805	4090336	54.34%	4.716%
54	16.998	2392	2399	2413	rVV	3989222	5869272	77.97%	6.767%
55	17.109	2416	2418	2425	rVB6	14067	19009	0.25%	0.022%
56	17.309	2449	2452	2459	rVB9	13809	27563	0.37%	0.032%
57	17.692	2512	2517	2522	rBV8	14359	30886	0.41%	0.036%
58	17.821	2533	2539	2546	rBV	242975	372848	4.95%	0.430%
59	18.121	2587	2590	2595	rBV5	9084	14164	0.19%	0.016%
60	18.192	2597	2602	2608	rVV	286017	369613	4.91%	0.426%
61	18.245	2608	2611	2615	rVB4	21000	26799	0.36%	0.031%
62	18.615	2672	2674	2680	rVB6	8210	13703	0.18%	0.016%
63	18.762	2696	2699	2702	rBV4	17321	19361	0.26%	0.022%
64	18.939	2724	2729	2733	rBV	46357	70532	0.94%	0.081%
65	19.115	2755	2759	2765	rBV5	68793	125689	1.67%	0.145%
66	19.186	2768	2771	2777	rVB	43329	69145	0.92%	0.080%
67	19.303	2785	2791	2797	rBV	5230228	6973898	92.64%	8.040%
68	19.886	2887	2890	2900	rBV2	154665	209765	2.79%	0.242%
69	20.386	2972	2975	2978	rBV	127359	129929	1.73%	0.150%
70	20.521	2995	2998	3003	rBV6	85819	130170	1.73%	0.150%
71	20.603	3008	3012	3015	rVV4	87005	114282	1.52%	0.132%

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72	20.715	3027	3031	3036	rBV4	256691	439661	5.84%	0.507%
73	20.756	3036	3038	3044	rVB5	177313	241608	3.21%	0.279%
74	20.850	3050	3054	3061	rBV	626207	776383	10.31%	0.895%
75	20.962	3069	3073	3079	rBV	390382	528189	7.02%	0.609%
76	21.074	3089	3092	3093	rBV2	111992	121478	1.61%	0.140%
77	21.103	3093	3097	3107	rVB	3582142	4640138	61.64%	5.349%
78	21.286	3125	3128	3132	rBV	256061	276228	3.67%	0.318%
79	21.709	3196	3200	3209	rBV2	739500	1512579	20.09%	1.744%
80	22.150	3272	3275	3279	rBV	359312	417764	5.55%	0.482%
81	22.633	3354	3357	3362	rVB	473506	639767	8.50%	0.738%
82	23.115	3433	3439	3445	rBV	4365775	7527579	100.00%	8.678%
83	23.250	3456	3462	3476	rVB	2948841	5382832	71.51%	6.206%
84	26.485	4007	4012	4020	rVB3	677917	1731374	23.00%	1.996%
85	26.968	4089	4094	4111	rVB5	959506	3073713	40.83%	3.544%

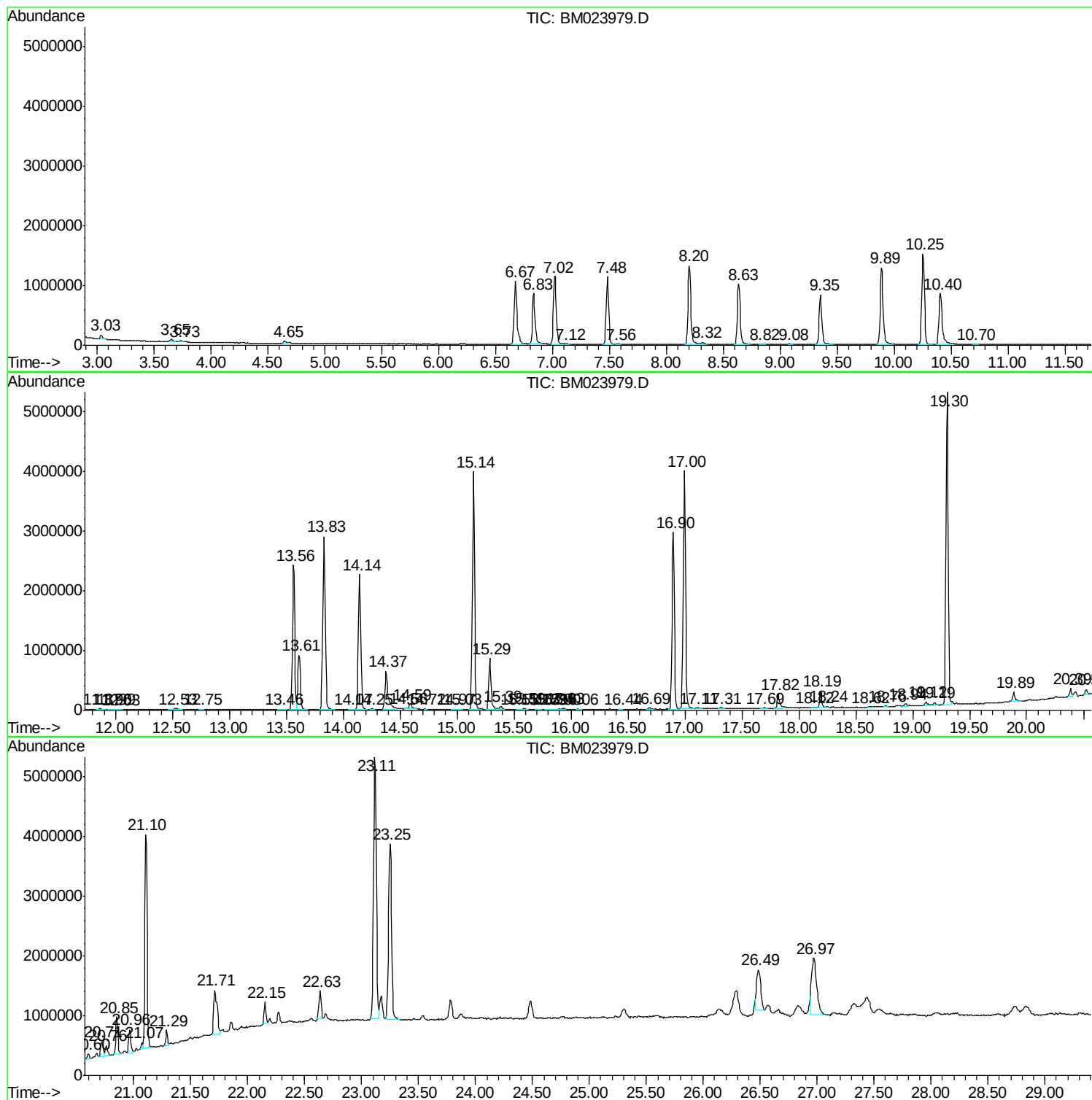
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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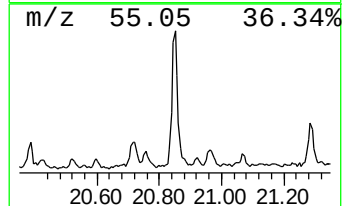
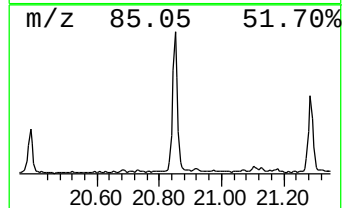
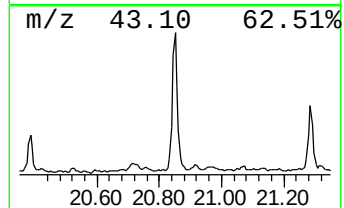
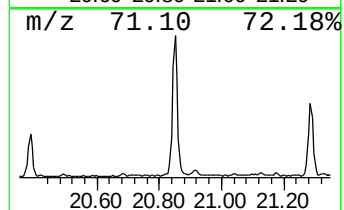
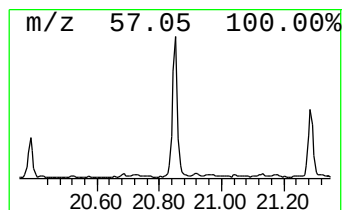
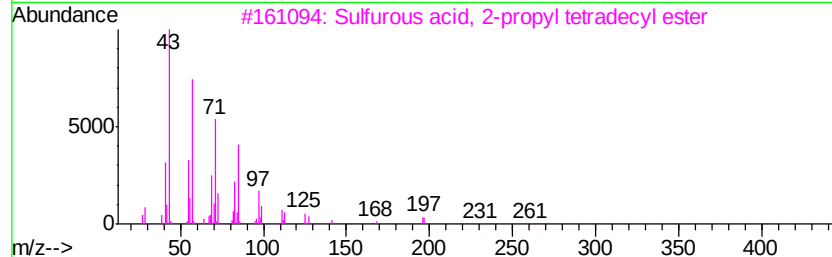
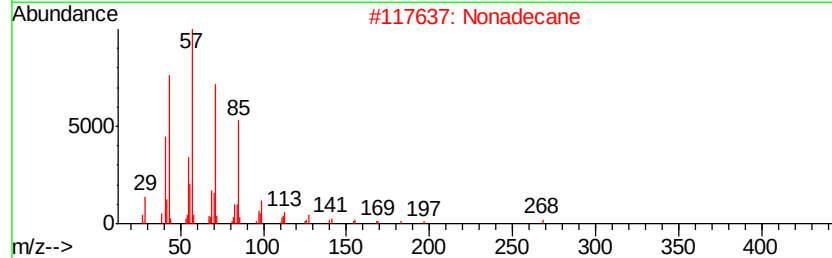
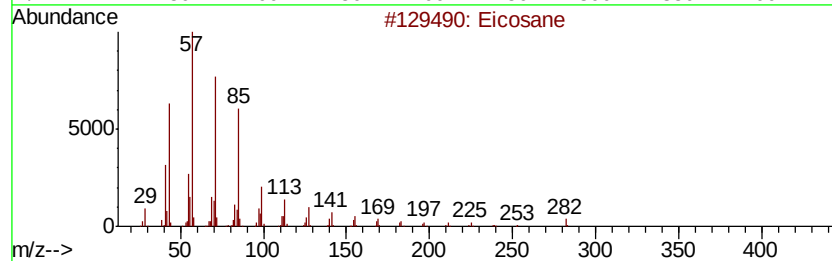
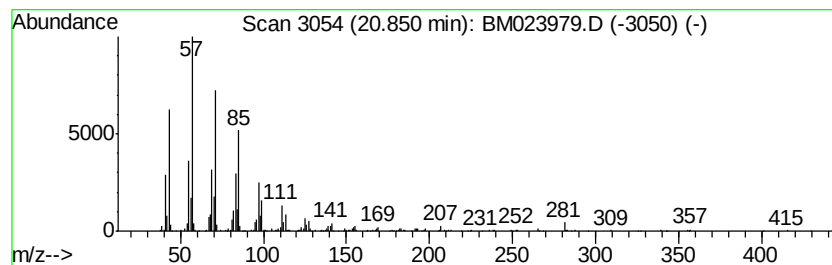
Instrument :
BNA_M
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JLNR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.85	3.35 ng/ul	776383	Chrysene-d12		21.10	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Nonadecane		268	C19H40	000629-92-5	95
3	Sulfurous acid, 2-propyl tetradecyl 2-propyl...		320	C17H36O3S	1000309-12-5	91
4	Sulfurous acid, pentadecyl 2-propyl 2-propyl...		334	C18H38O3S	1000309-12-6	91
5	Sulfurous acid, dodecyl 2-propyl 2-propyl...		292	C15H32O3S	1000309-12-3	91



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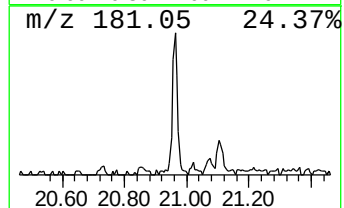
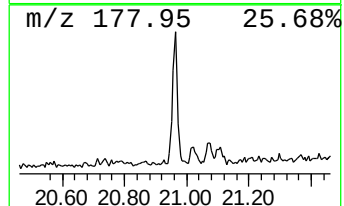
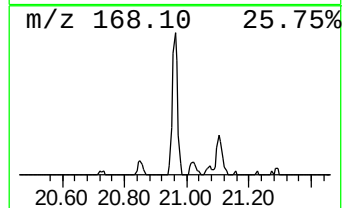
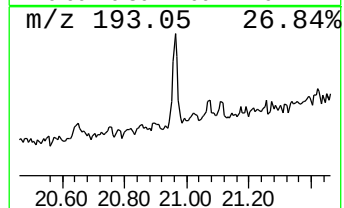
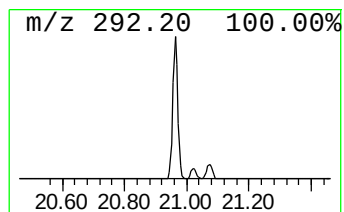
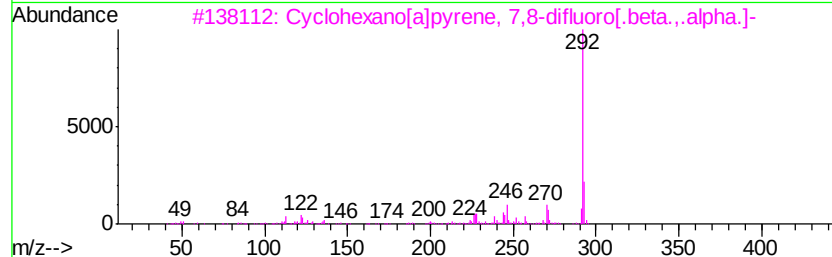
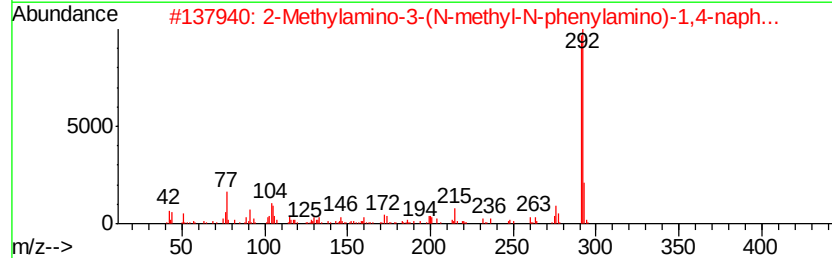
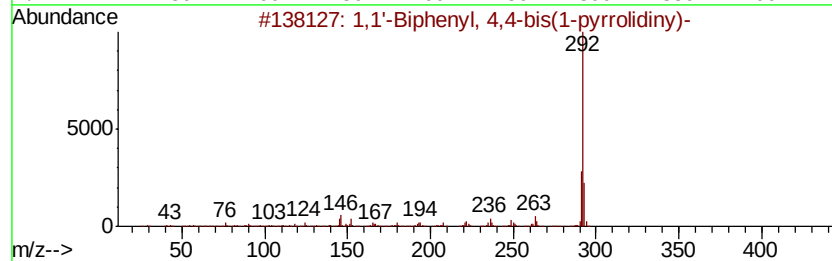
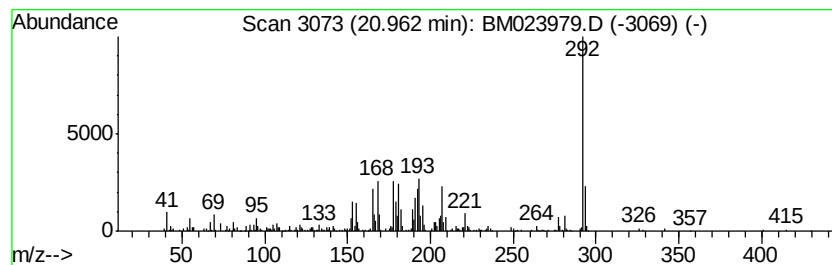
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.28 ng/ul	528189	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4,4-bis(1-pyrroli...	292	C20H24N2	1000193-54-6	30
2		2-Methylamino-3-(N-methyl-N-phen...	292	C18H16N2O2	134614-15-6	30
3		Cyclohexanofalpyrene, 7,8-difluo...	292	C20H14F2	1000116-80-3	27
4		Aniline, p,p'-(m-phenylenedioxy)di-	292	C18H16N2O2	002479-46-1	27
5		1,3-Bis(3-aminophenoxy)benzene	292	C18H16N2O2	010526-07-5	27



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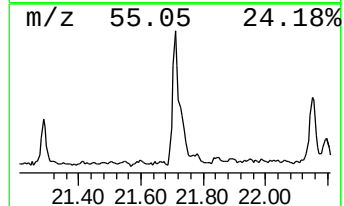
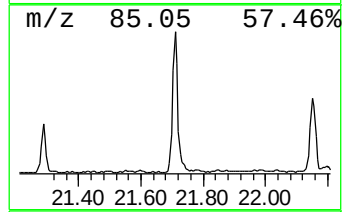
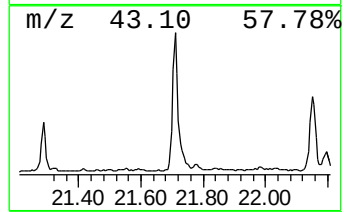
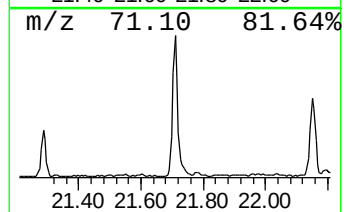
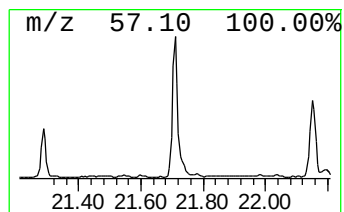
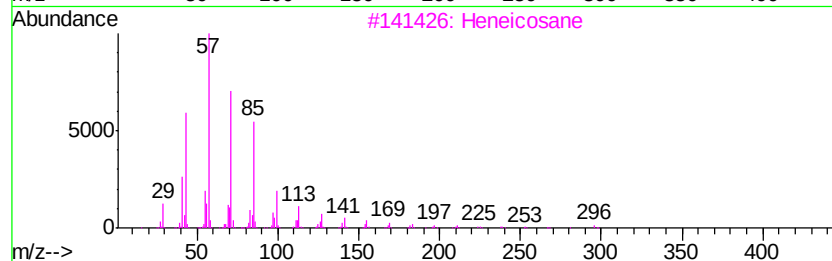
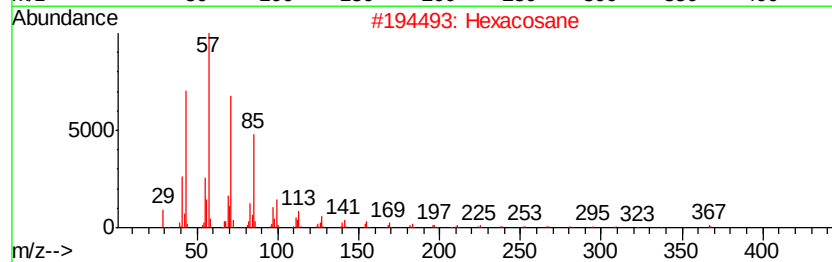
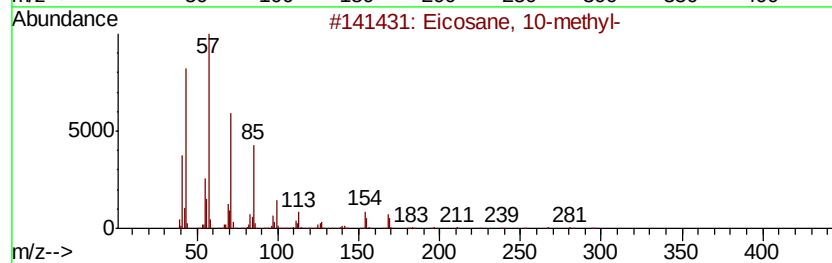
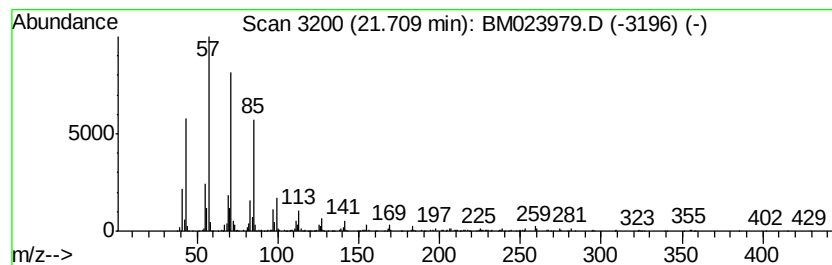
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	6.52 ng/ul	1512580	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



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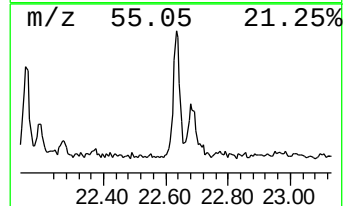
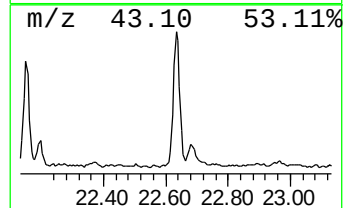
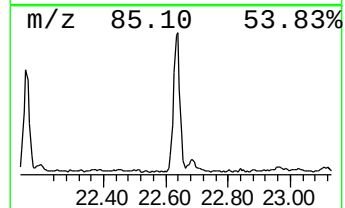
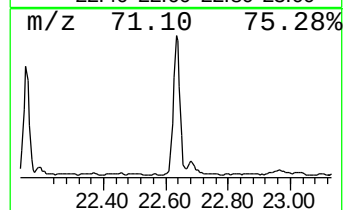
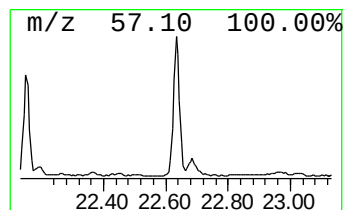
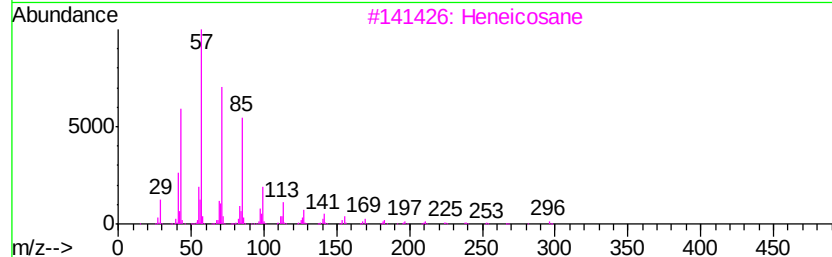
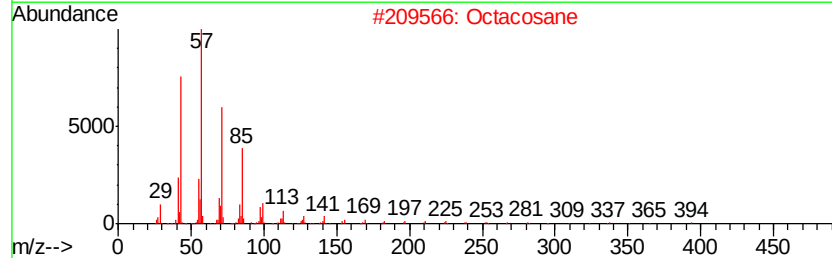
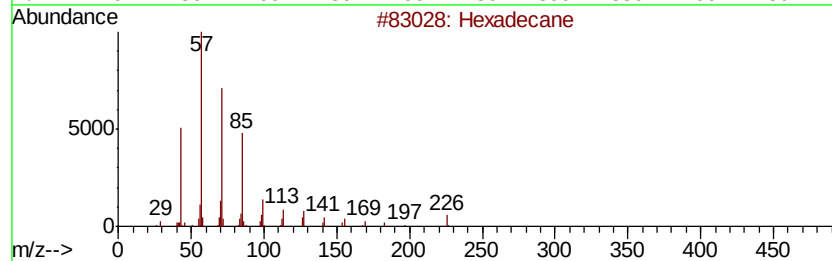
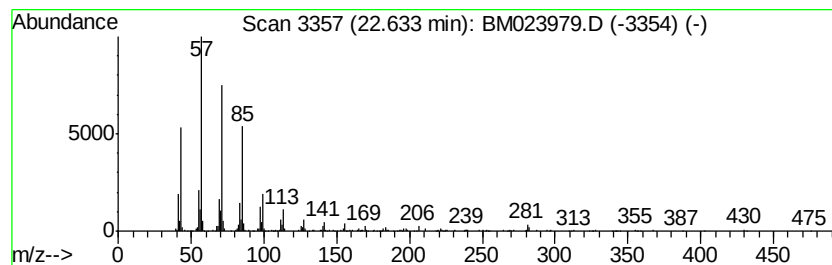
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.38 ng/ul	639767	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Eicosane	282	C20H42	000112-95-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023979.D
Acq On : 03 Dec 2019 20:50
Operator : JU
Sample : K5914-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNR9

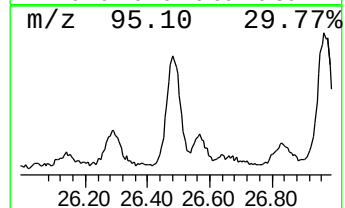
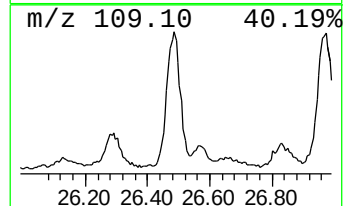
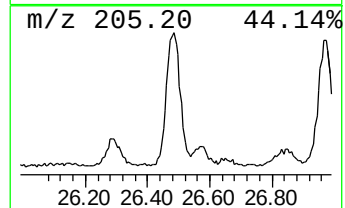
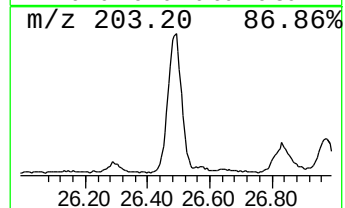
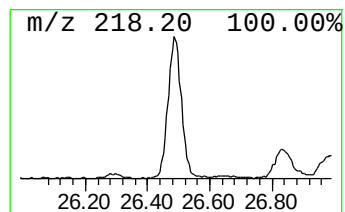
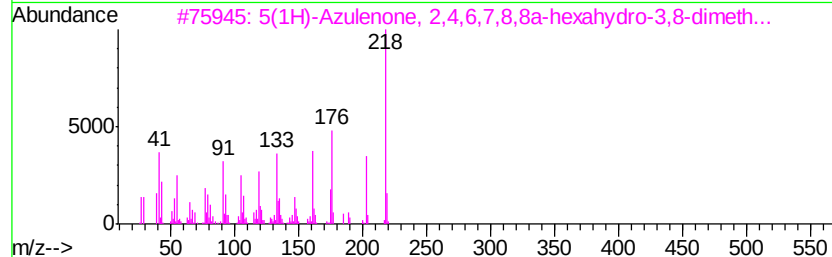
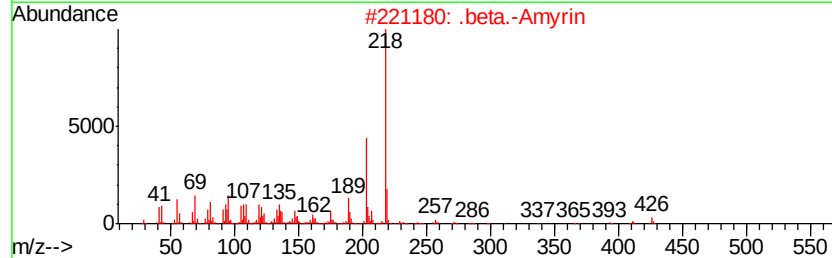
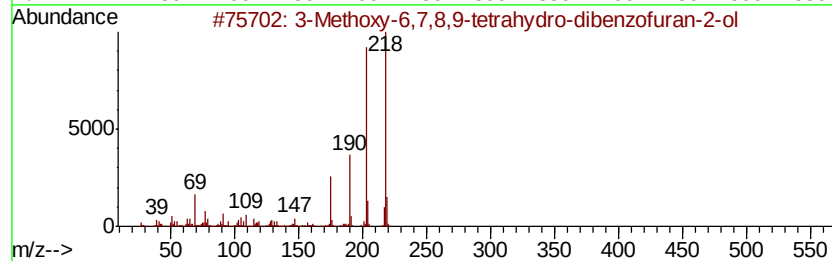
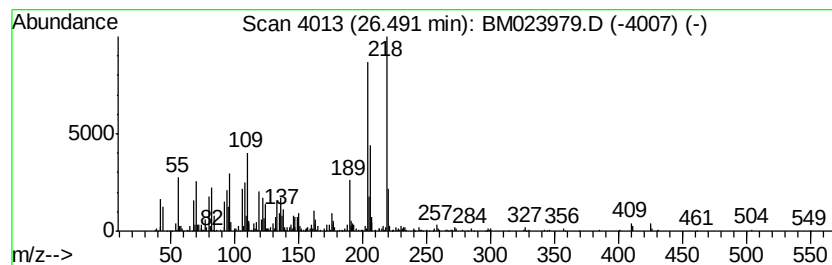
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.49	6.43 ng/ul	1731370	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	46
2		.beta.-Amyrin	426	C30H50O	000559-70-6	43
3		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	41
4		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	38
5		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023979.D
Acq On : 03 Dec 2019 20:50
Operator : JU
Sample : K5914-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

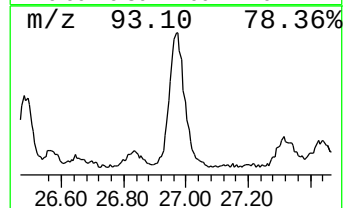
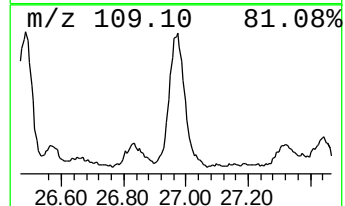
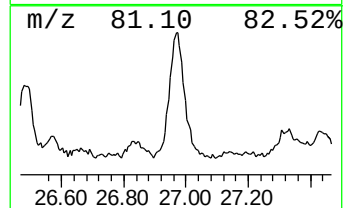
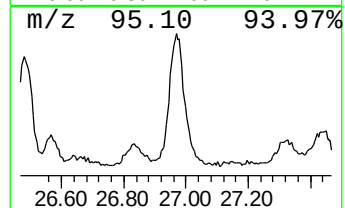
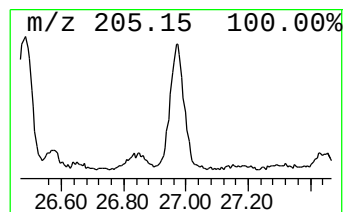
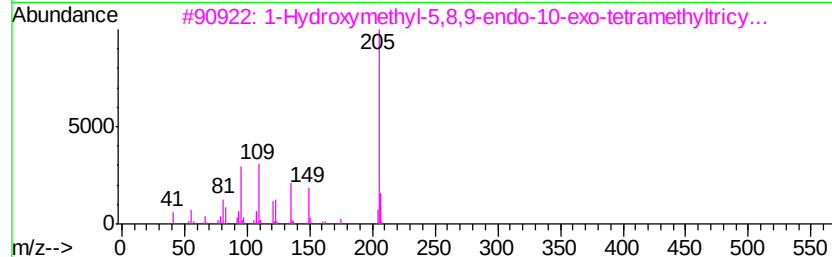
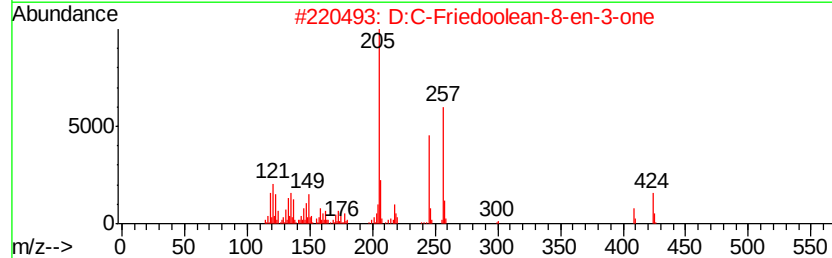
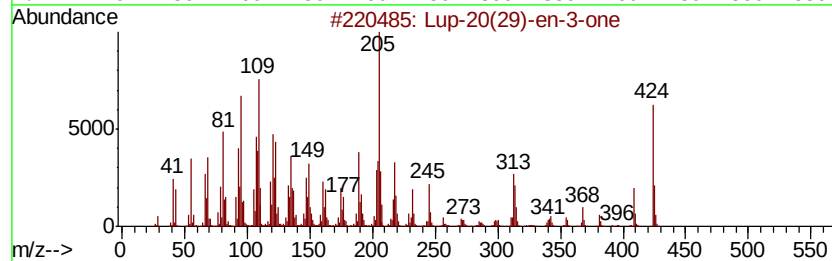
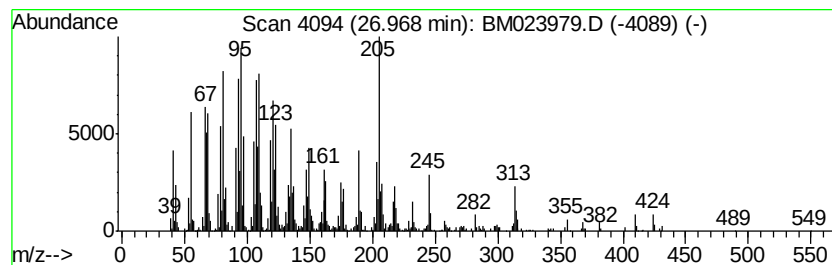
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Lup-20(29)-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.97	11.42 ng/ul	3073710	Perylene-d12	23.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Lup-20(29)-en-3-one	424 C30H48O	001617-70-5 95
2		D:C-Friedoolean-8-en-3-one	424 C30H48O	022611-26-3 81
3		1-Hydroxymethyl-5,8,9-endo-10-ex...	236 C16H28O	1000140-32-9 58
4		Longifolinaldehyde	220 C15H24O	019890-84-7 58
5		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216 C6H5BrN2O2	300574-36-1 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120319\
Data File : BM023979.D
Acq On : 03 Dec 2019 20:50
Operator : JU
Sample : K5914-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNR9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	20.85	3.4	ng/ul	776383	5	21.10	4640140	20.0
unknown-01	20.96	2.3	ng/ul	528189	5	21.10	4640140	20.0
(DEL) Alkane: Str...	21.71	6.5	ng/ul	1512580	5	21.10	4640140	20.0
(DEL) Alkane: Str...	22.63	2.4	ng/ul	639767	6	23.25	5382830	20.0
unknown-02	26.49	6.4	ng/ul	1731370	6	23.25	5382830	20.0
Lup-20(29)-en-3-one	26.97	11.4	ng/ul	3073710	6	23.25	5382830	20.0