

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012192.D
 Acq On : 15 Oct 2017 04:20
 Operator : SJ/JU
 Sample : I5548-13 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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	6.987	657	663	677	rVB2	49368	120554	3.96%	0.608%
2	7.145	685	690	700	rBV2	42417	74084	2.43%	0.373%
3	7.345	719	724	734	rBV3	71402	124971	4.10%	0.630%
4	7.810	796	803	816	rBV	501877	880692	28.90%	4.440%
5	8.534	920	926	937	rBV2	56474	128648	4.22%	0.649%
6	8.986	995	1003	1012	rBV2	54920	114461	3.76%	0.577%
7	9.710	1119	1126	1133	rBV	52381	100026	3.28%	0.504%
8	10.257	1212	1219	1234	rBV2	58829	155422	5.10%	0.784%
9	10.616	1272	1280	1292	rBV	747139	1312693	43.07%	6.617%
10	10.780	1301	1308	1318	rBV2	17812	48164	1.58%	0.243%
11	13.868	1827	1833	1838	rBV	212587	316787	10.39%	1.597%
12	13.916	1838	1841	1850	rVB	86566	132749	4.36%	0.669%
13	14.157	1876	1882	1889	rBV	227339	359786	11.81%	1.814%
14	14.410	1919	1925	1929	rBV	170365	237804	7.80%	1.199%
15	14.463	1929	1934	1941	rVB2	1258631	1929786	63.32%	9.728%
16	14.704	1971	1975	1979	rBV3	29557	48569	1.59%	0.245%
17	15.457	2096	2103	2111	rBV	321441	483363	15.86%	2.437%
18	17.092	2377	2381	2385	rBV3	29664	41082	1.35%	0.207%
19	17.209	2395	2401	2406	rBV	1904227	2598608	85.27%	13.100%
20	17.251	2406	2408	2413	rVV	85844	111629	3.66%	0.563%
21	17.309	2413	2418	2431	rVB	352955	569979	18.70%	2.873%
22	18.027	2536	2540	2545	rBV2	75757	110783	3.64%	0.558%
23	18.086	2545	2550	2557	rBV	253030	356983	11.71%	1.800%
24	18.639	2640	2644	2650	rBV7	26967	47296	1.55%	0.238%
25	19.268	2746	2751	2758	rVB	427898	605981	19.88%	3.055%
26	19.362	2764	2767	2771	rBV2	109131	146146	4.80%	0.737%
27	19.509	2788	2792	2796	rBV2	148208	170030	5.58%	0.857%
28	19.603	2803	2808	2811	rBV	522567	803916	26.38%	4.053%
29	19.633	2811	2813	2819	rVB	326049	372315	12.22%	1.877%
30	20.550	2966	2969	2974	rBV	194277	233302	7.66%	1.176%
31	20.933	3030	3034	3041	rBV	1295834	1507014	49.45%	7.597%
32	21.280	3090	3093	3098	rBV	512567	567763	18.63%	2.862%
33	21.391	3106	3112	3116	rBV	2138738	3047619	100.00%	15.363%
34	23.697	3499	3504	3510	rVB2	1057319	1977773	64.90%	9.970%

LSC Area Percent Report

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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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

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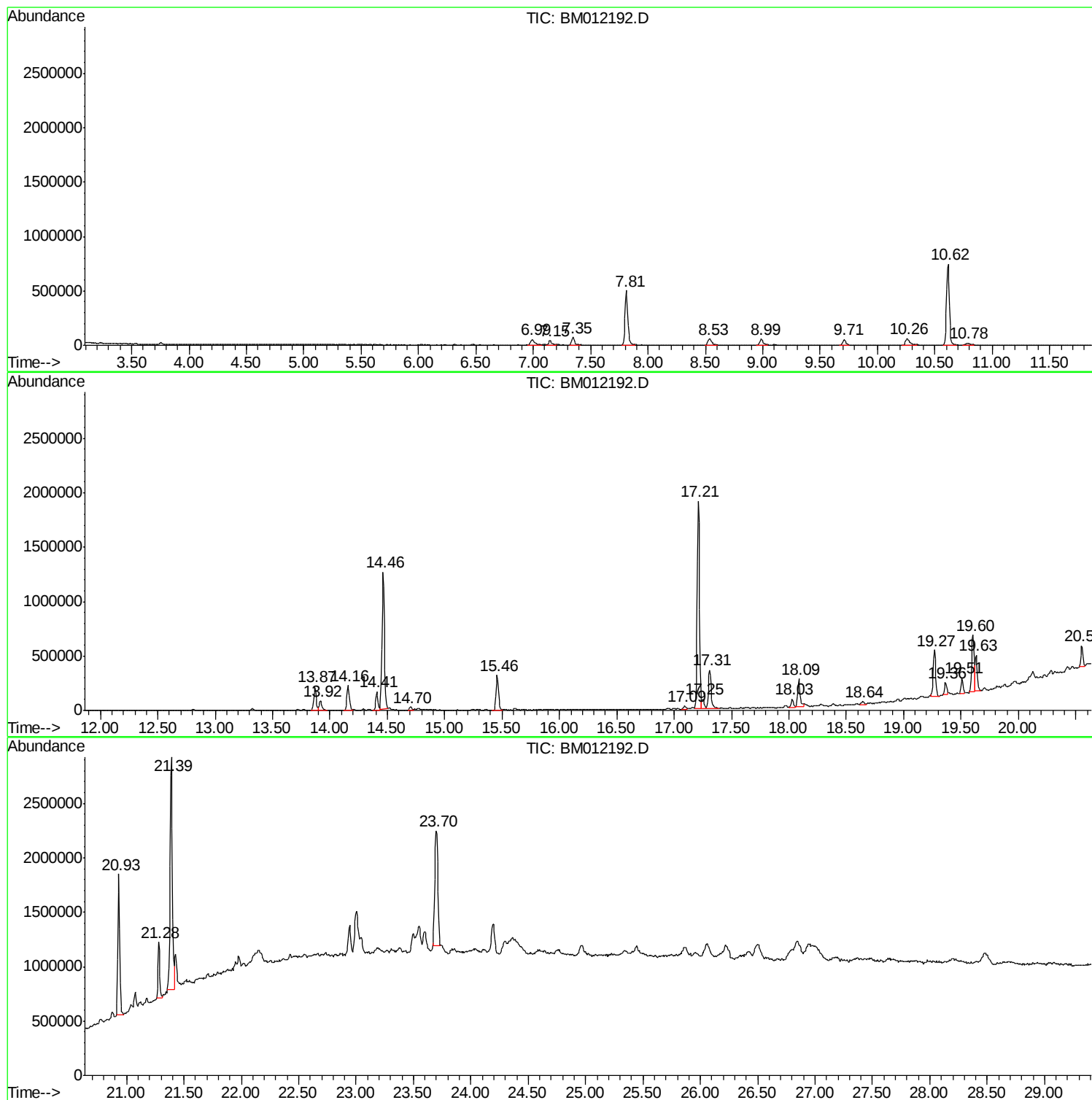
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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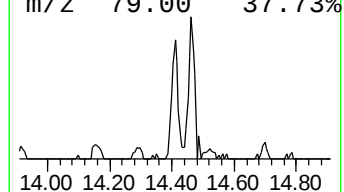
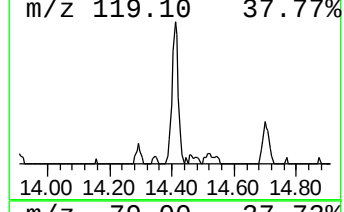
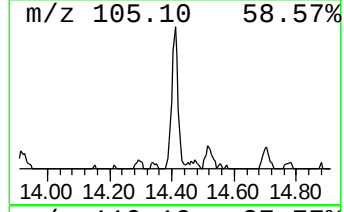
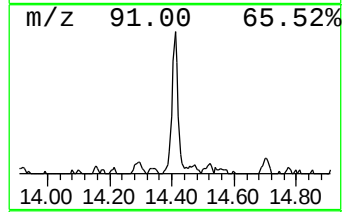
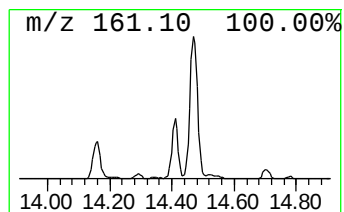
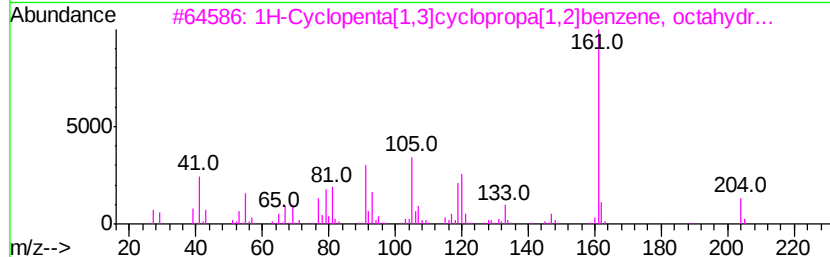
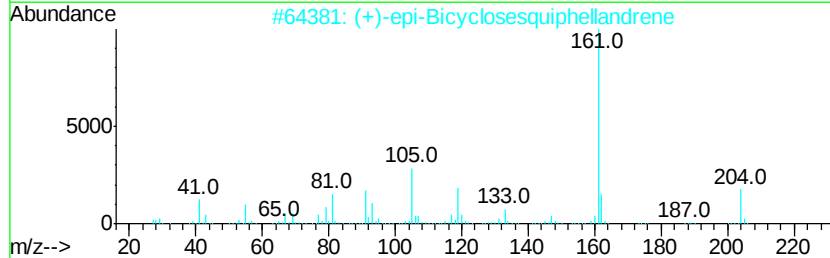
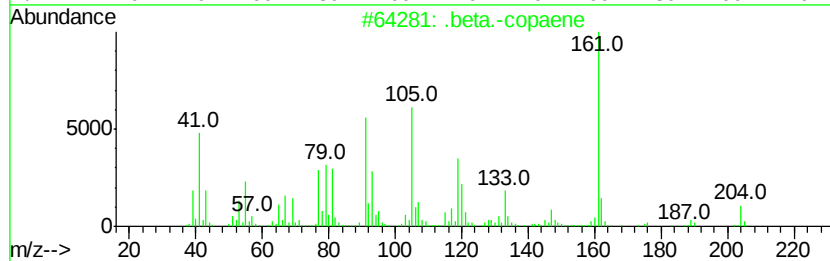
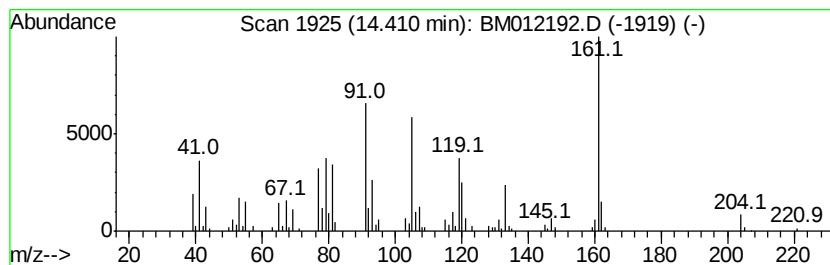
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 .beta.-copaene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.46 ng/ul	237804	Acenaphthene-d10	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-copaene	204 C15H24	1000374-18-9 95
2		(+)-epi-Bicyclosquiphellandrene	204 C15H24	054274-73-6 93
3		1H-Cyclopenta[1,3]cyclopropa[1,2...	204 C15H24	013744-15-5 93
4		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204 C15H24	150320-52-8 91
5		1H-Cyclopenta[1,3]cyclopropa[1,2...	204 C15H24	013744-15-5 91



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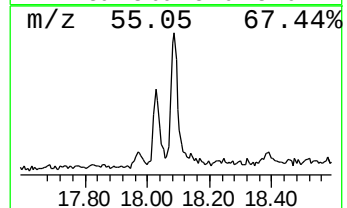
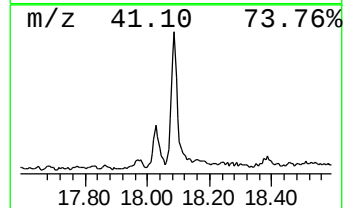
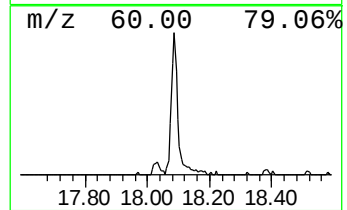
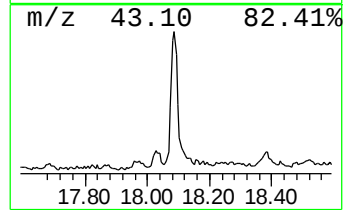
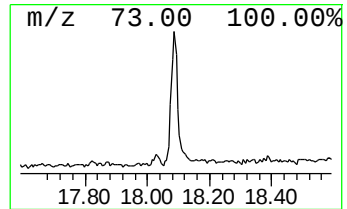
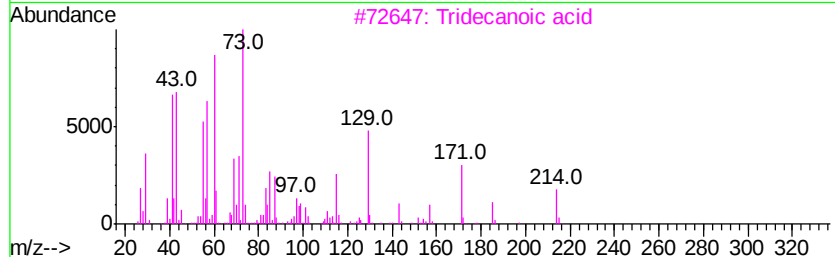
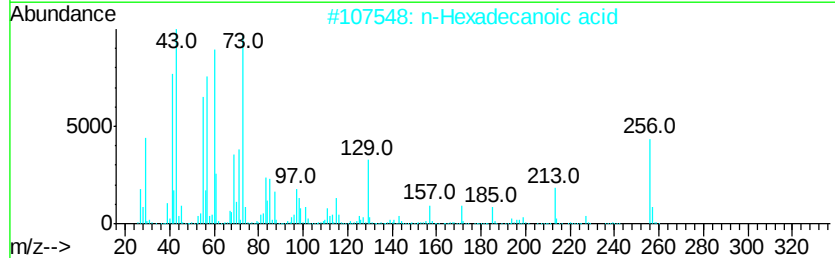
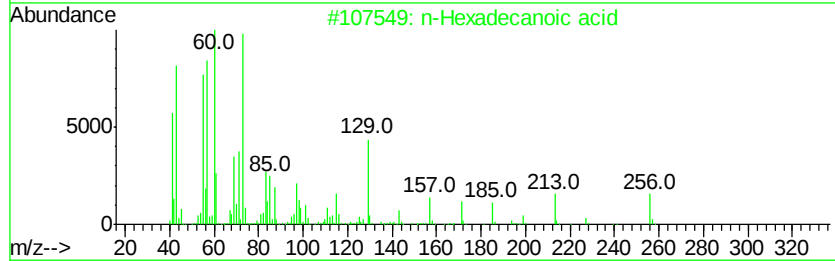
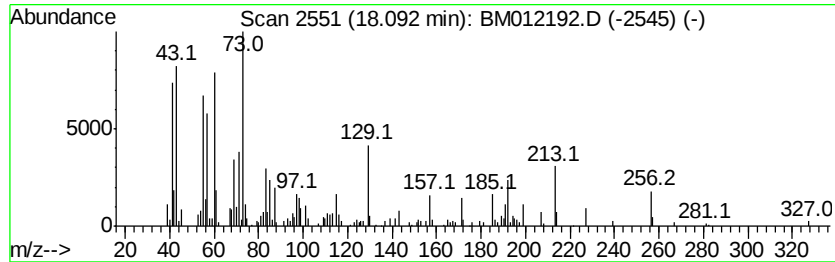
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.75 ng/ul	356983	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		Octadecanoic acid	284	C18H36O2	000057-11-4	76



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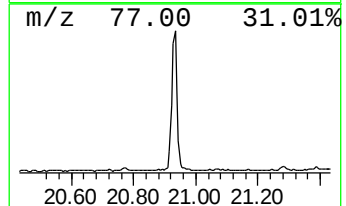
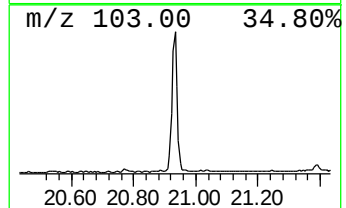
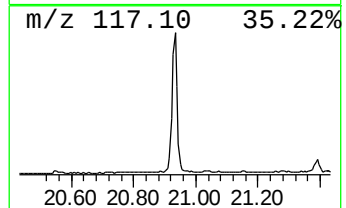
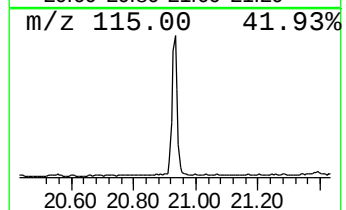
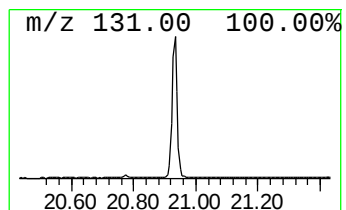
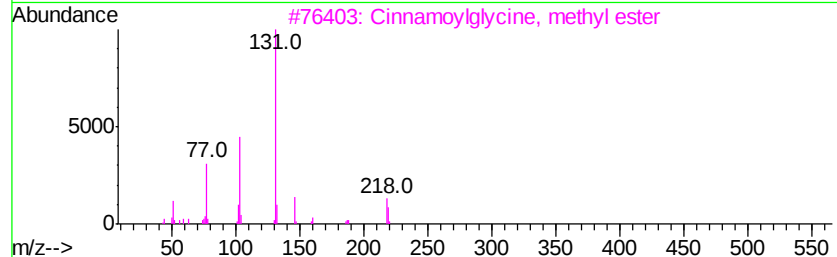
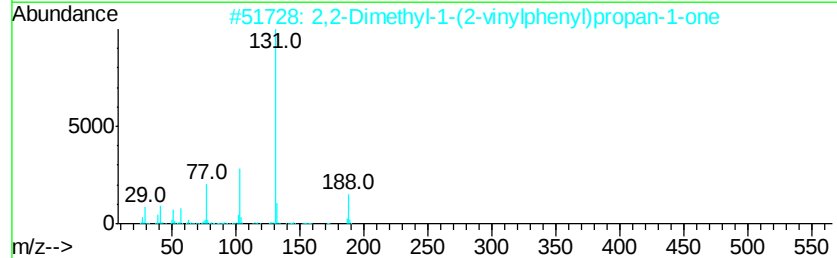
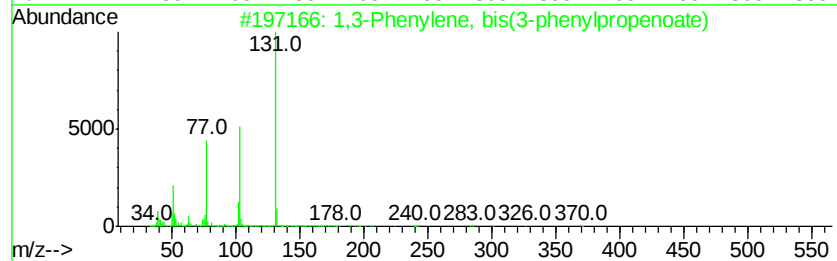
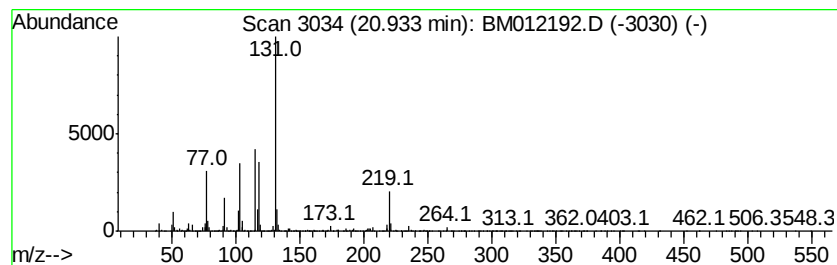
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1,3-Phenylene, bis(3-phenyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	9.89 ng/ul	1507010	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	60
2		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
3		Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
4		N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
5		trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.beta.-copaene	14.41	2.5	ng/ul	237804	3	14.46	1929790	20.0
n-Hexadecanoic acid	18.09	2.8	ng/ul	356983	4	17.21	2598610	20.0
1,3-Phenylene, bi...	20.93	9.9	ng/ul	1507010	5	21.39	3047620	20.0