

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005398.D
 Acq On : 11 May 2016 21:54
 Operator : UM/SJ
 Sample : H2890-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X06

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\SOM02.2-EPA-BM050516.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	6.934	716	722	731	rBV	25533	45381	2.22%	0.335%
2	7.092	743	749	758	rBV	108284	168054	8.20%	1.239%
3	7.292	777	783	793	rBV	110761	176590	8.62%	1.302%
4	7.757	853	862	875	rBV	211802	342320	16.71%	2.523%
5	8.469	977	983	995	rBV	80198	135586	6.62%	0.999%
6	8.916	1053	1059	1069	rBV	129673	215077	10.50%	1.585%
7	9.633	1176	1181	1192	rVB	109368	180653	8.82%	1.332%
8	10.175	1267	1273	1289	rBV	150956	273647	13.36%	2.017%
9	10.545	1329	1336	1345	rBV	348272	583099	28.46%	4.298%
10	13.810	1885	1891	1895	rBV	375562	524777	25.62%	3.868%
11	13.857	1895	1899	1905	rVB	69814	99727	4.87%	0.735%
12	14.092	1933	1939	1952	rBV	420369	601171	29.35%	4.431%
13	14.292	1966	1973	1981	rBV	26140	32684	1.60%	0.241%
14	14.398	1981	1991	2000	rBV2	588574	916597	44.75%	6.757%
15	15.245	2131	2135	2141	rVB	36117	44729	2.18%	0.330%
16	15.398	2154	2161	2169	rBV	539647	795452	38.83%	5.864%
17	15.527	2178	2183	2195	rVB	116830	171479	8.37%	1.264%
18	15.645	2195	2203	2208	rBV4	11652	27895	1.36%	0.206%
19	16.109	2277	2282	2293	rBV	44617	79663	3.89%	0.587%
20	16.898	2411	2416	2420	rBV	32619	42167	2.06%	0.311%
21	17.151	2451	2459	2468	rBV	755613	1109242	54.15%	8.177%
22	17.245	2470	2475	2485	rVB2	555472	809686	39.53%	5.969%
23	17.639	2537	2542	2547	rBV	18874	21671	1.06%	0.160%
24	18.039	2605	2610	2615	rBV	14368	21903	1.07%	0.161%
25	19.545	2860	2866	2876	rBV2	606769	839025	40.96%	6.185%
26	20.950	3098	3105	3110	rBV2	17182	32756	1.60%	0.241%
27	21.039	3116	3120	3132	rBV2	18172	31473	1.54%	0.232%
28	21.339	3166	3171	3180	rBV	741937	960296	46.88%	7.079%
29	21.833	3248	3255	3260	rBV	246410	419902	20.50%	3.095%
30	21.909	3264	3268	3275	rBV3	22280	34606	1.69%	0.255%
31	22.021	3283	3287	3292	rBV3	88098	100379	4.90%	0.740%
32	22.785	3411	3417	3428	rVV	1122753	2048485	100.00%	15.100%
33	22.885	3430	3434	3441	rVB8	17964	34607	1.69%	0.255%
34	23.462	3525	3532	3540	rBV2	316492	580760	28.35%	4.281%

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35	23.609	3550	3557	3567	rVB	438232	832157	40.62%	6.134%
36	23.980	3614	3620	3629	rBV	123809	232277	11.34%	1.712%

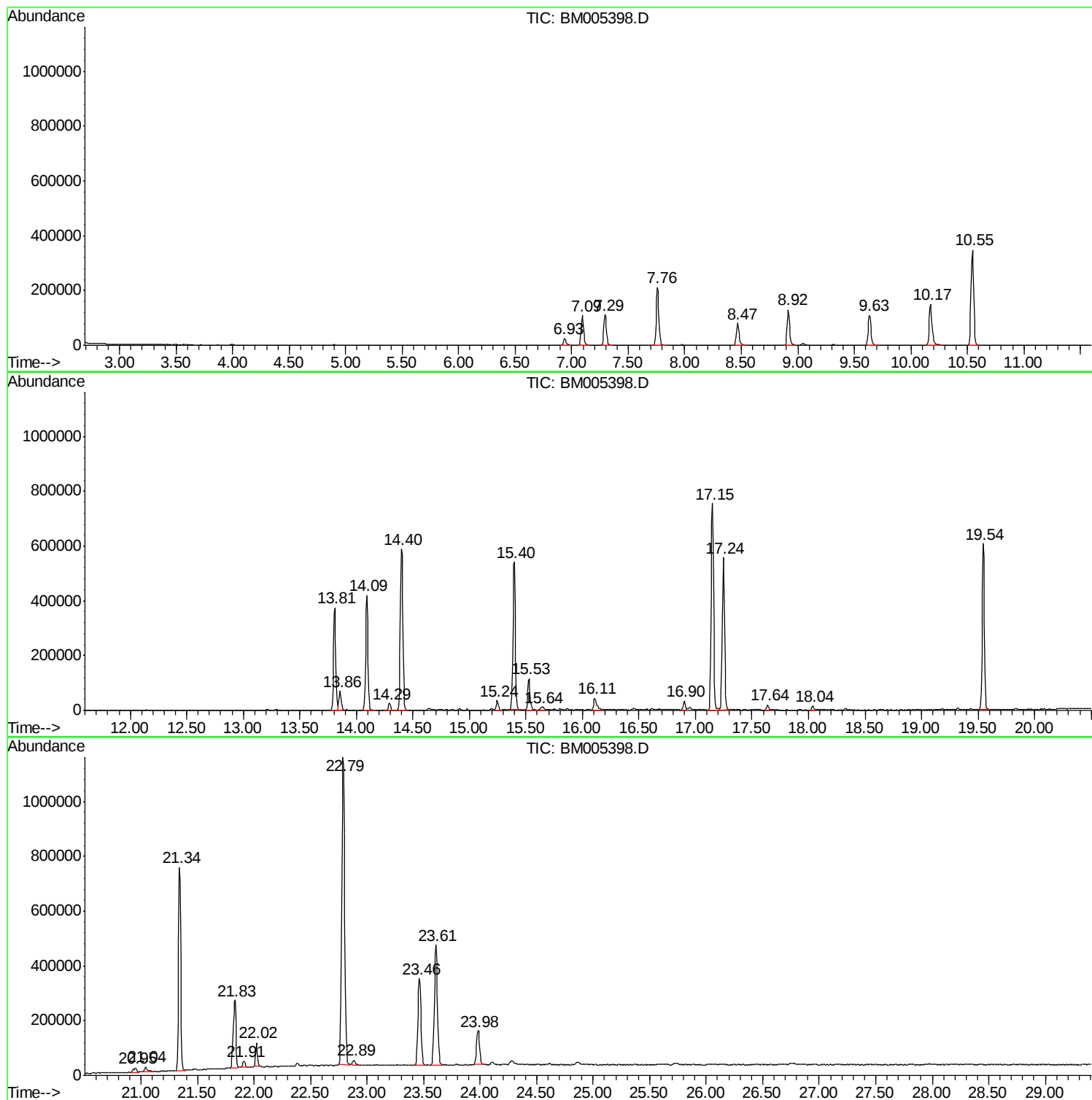
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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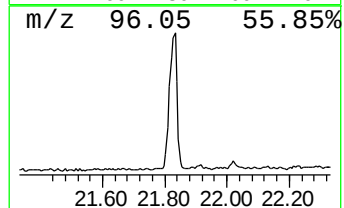
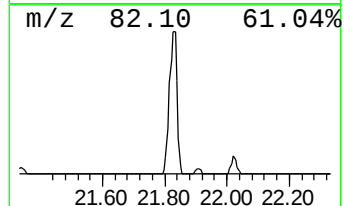
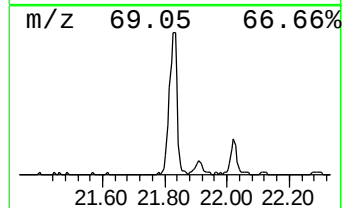
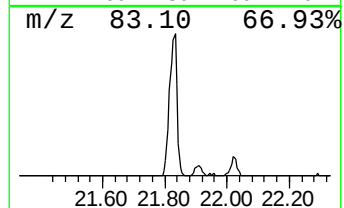
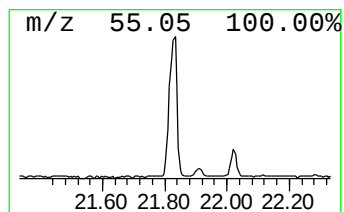
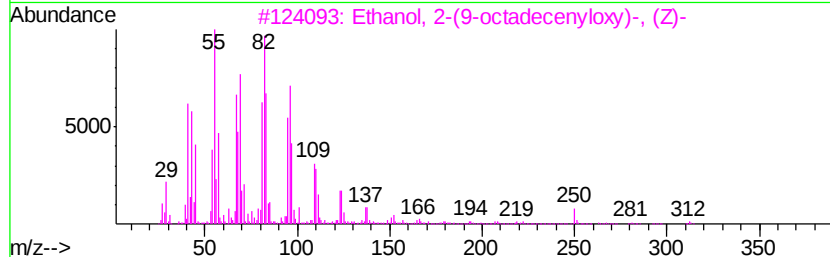
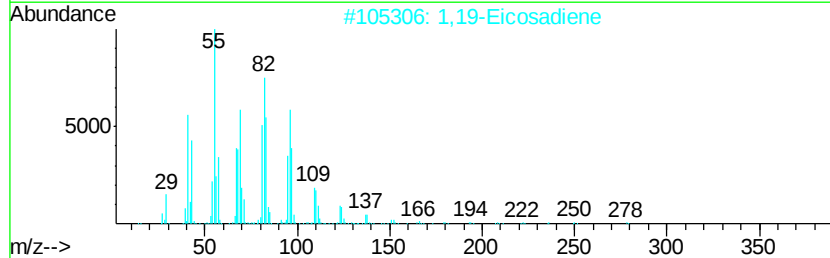
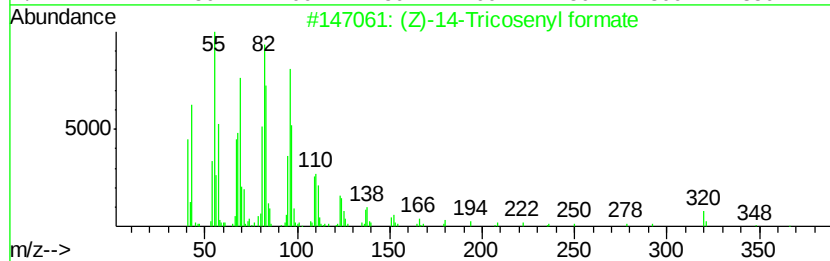
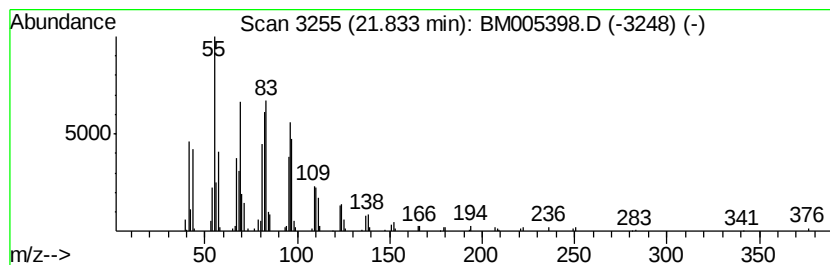
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (Z)-14-Tricosenyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.83	8.75 ng/ul	419902	Chrysene-d12	21.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
2	1,19-Eicosadiene	278	C20H38	014811-95-1	91
3	Ethanol, 2-(9-octadecenyl)-, ...	312	C20H40O2	005353-25-3	90
4	9-Hexadecen-1-ol, (Z)-	240	C16H32O	010378-01-5	81
5	Z-13-Octadecen-1-yl acetate	310	C20H38O2	060037-58-3	81



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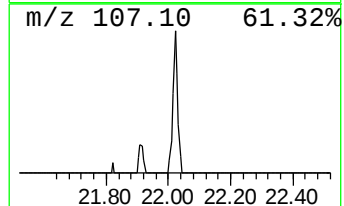
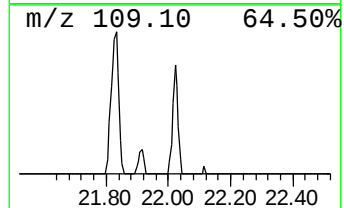
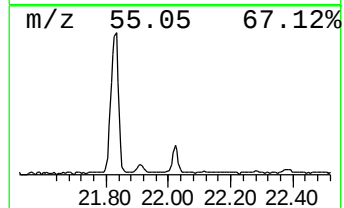
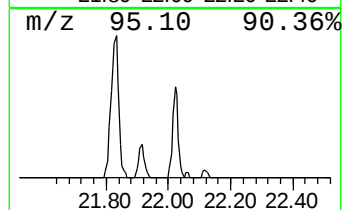
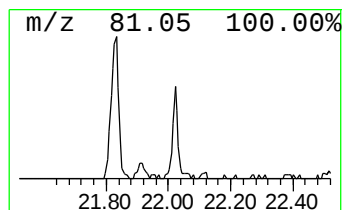
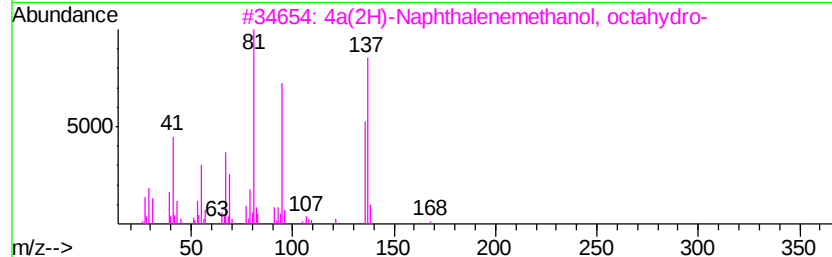
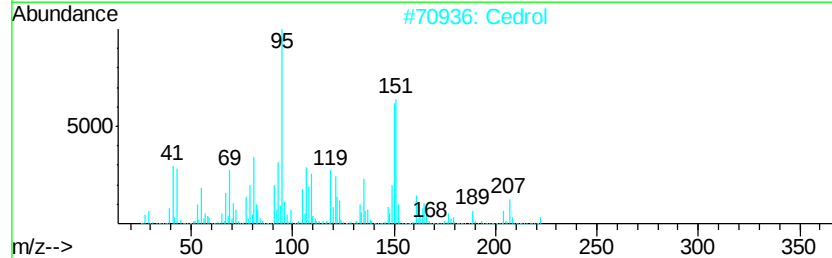
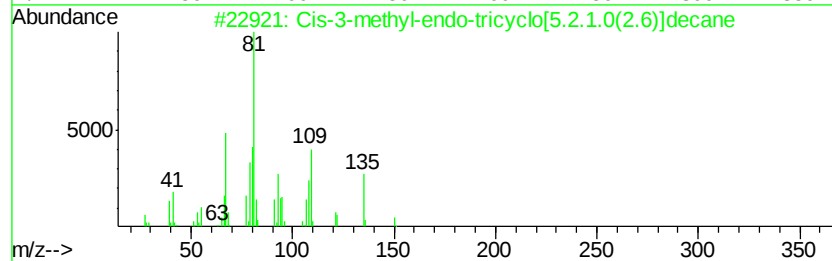
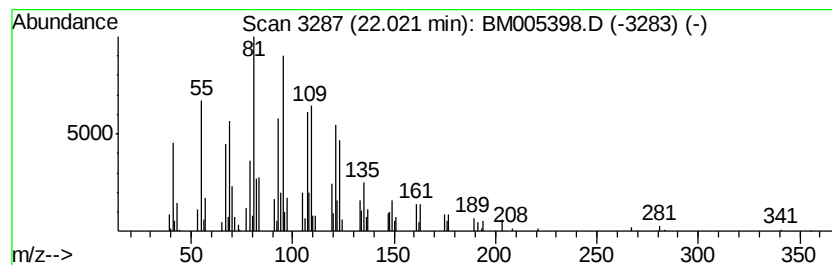
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Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.09 ng/ul	100379	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cis-3-methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	38
2		Cedrol	222	C15H26O	000077-53-2	35
3		4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	27
4		3,5-Octadien-2-one	124	C8H12O	038284-27-4	27
5		Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	25



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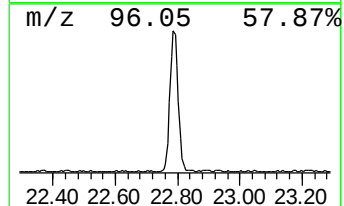
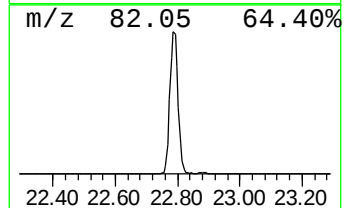
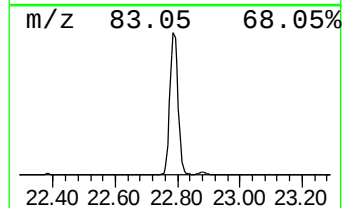
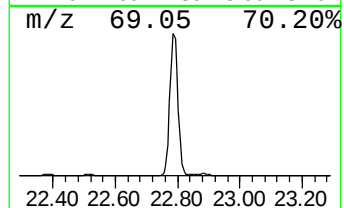
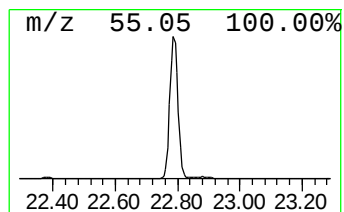
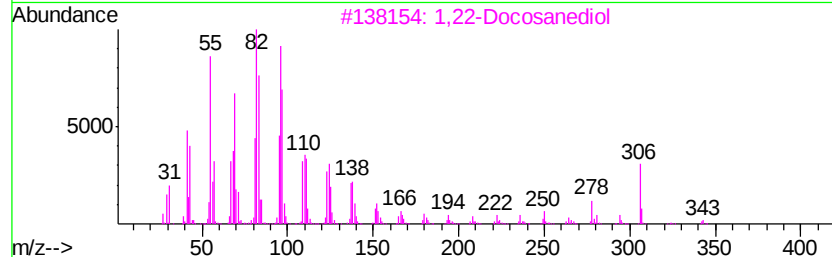
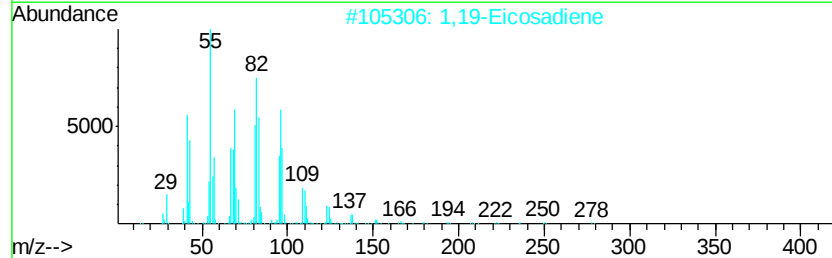
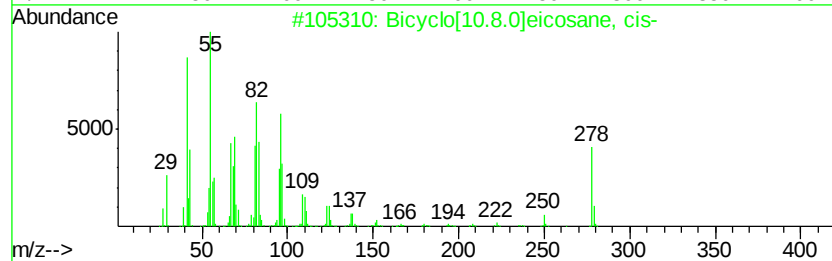
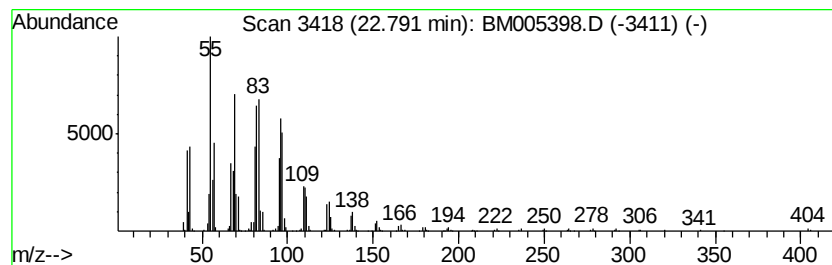
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Peak Number 3 (DEL) Alkane: Branched-22.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	49.23 ng/ul	2048490	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
2		1,19-Eicosadiene	278	C20H38	014811-95-1	91
3		1,22-Docosanediol	342	C22H46O2	022513-81-1	91
4		11-Hexadecen-1-ol, acetate, (Z)-	282	C18H34O2	034010-21-4	89
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	87



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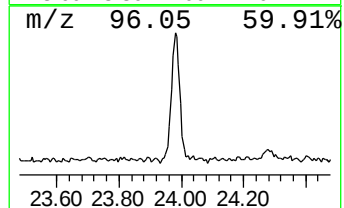
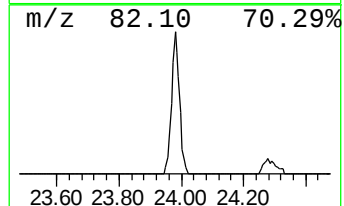
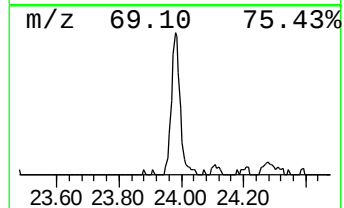
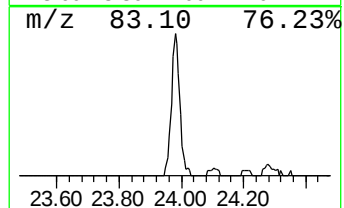
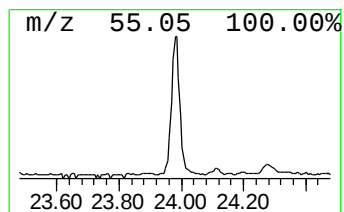
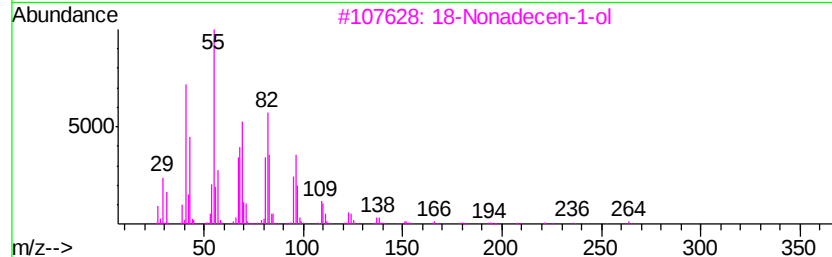
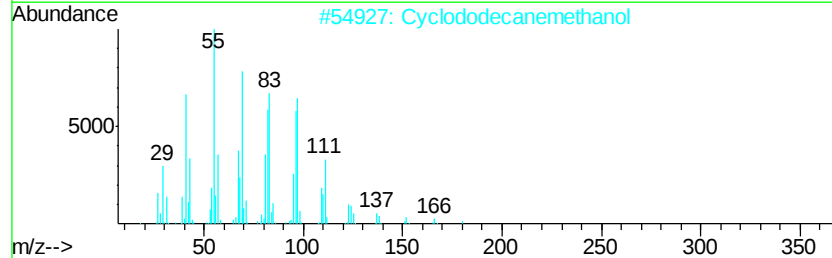
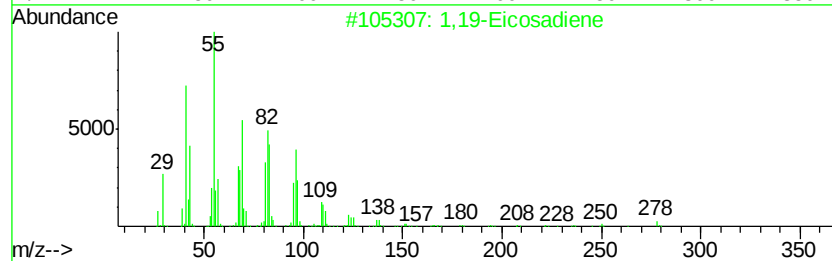
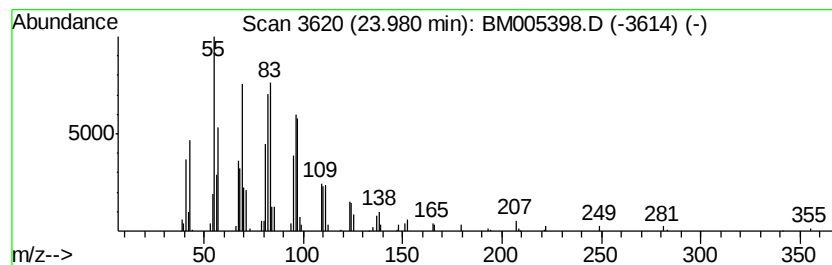
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Peak Number 4 (DEL) Alkane: Branched-23.98 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	5.58 ng/ul	232277	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	87
2		Cyclododecanemethanol	198	C13H26O	001892-12-2	72
3		18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	64
4		1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	58
5		1,19-Eicosadiene	278	C20H38	014811-95-1	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(Z)-14-Tricosenyl...	21.83	8.8	ng/ul	419902	5	21.34	960296	20.0
unknown-01	22.02	2.1	ng/ul	100379	5	21.34	960296	20.0
(DEL) Alkane: Bra...	22.79	49.2	ng/ul	2048490	6	23.61	832157	20.0
(DEL) Alkane: Bra...	23.98	5.6	ng/ul	232277	6	23.61	832157	20.0