

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051216\
 Data File : BM005414.D
 Acq On : 12 May 2016 11:25
 Operator : UM/SJ
 Sample : H2890-19
 Misc :
 ALS Vial : 6 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	717	722	732	rBV	29883	52910	1.41%	0.269%
2	7.093	743	749	762	rBV	128261	199083	5.32%	1.014%
3	7.293	777	783	793	rBV	131072	214414	5.73%	1.092%
4	7.757	855	862	875	rVB	247223	398916	10.66%	2.031%
5	8.469	977	983	992	rBV	96702	163402	4.37%	0.832%
6	8.916	1052	1059	1068	rBV	152690	254138	6.79%	1.294%
7	9.634	1175	1181	1192	rVB	128070	212876	5.69%	1.084%
8	10.175	1266	1273	1287	rBV	182195	340435	9.10%	1.734%
9	10.545	1329	1336	1349	rBV	403600	679836	18.16%	3.462%
10	13.810	1883	1891	1895	rBV	450958	625164	16.70%	3.184%
11	13.851	1895	1898	1905	rVB	85122	120246	3.21%	0.612%
12	14.092	1932	1939	1954	rBV	488742	726190	19.40%	3.698%
13	14.292	1967	1973	1979	rBV	29638	38335	1.02%	0.195%
14	14.398	1982	1991	2001	rVB2	686076	1100940	29.41%	5.606%
15	15.245	2131	2135	2140	rVB	45095	50908	1.36%	0.259%
16	15.392	2154	2160	2172	rVB	659616	974685	26.04%	4.963%
17	15.527	2178	2183	2195	rVB	129007	192674	5.15%	0.981%
18	16.110	2277	2282	2296	rBV	50049	91938	2.46%	0.468%
19	16.898	2410	2416	2420	rBV	40941	51809	1.38%	0.264%
20	17.151	2452	2459	2469	rBV	977710	1433243	38.29%	7.299%
21	17.245	2469	2475	2484	rVB	709214	1050762	28.07%	5.351%
22	18.039	2605	2610	2615	rBV	34997	51080	1.36%	0.260%
23	19.545	2861	2866	2877	rVB2	927178	1295442	34.61%	6.597%
24	20.950	3098	3105	3109	rBV2	41647	71656	1.91%	0.365%
25	21.045	3116	3121	3132	rBV	43237	75398	2.01%	0.384%
26	21.345	3166	3172	3184	rBV	1224439	1603476	42.84%	8.165%
27	21.833	3248	3255	3263	rVB	516130	901349	24.08%	4.590%
28	21.909	3264	3268	3275	rVB2	55143	78806	2.11%	0.401%
29	22.021	3282	3287	3291	rBV	207953	251368	6.72%	1.280%
30	22.386	3345	3349	3354	rVB	28164	38697	1.03%	0.197%
31	22.791	3410	3418	3428	rVV	1960118	3743015	100.00%	19.061%
32	22.886	3429	3434	3440	rVB2	39399	77260	2.06%	0.393%
33	23.462	3526	3532	3544	rVB2	454312	850916	22.73%	4.333%
34	23.609	3550	3557	3568	rVB2	596716	1135650	30.34%	5.783%

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35	23.980	3614	3620	3632	rBV	233171	436492	11.66%	2.223%
36	24.109	3638	3642	3648	rVB2	28174	53745	1.44%	0.274%

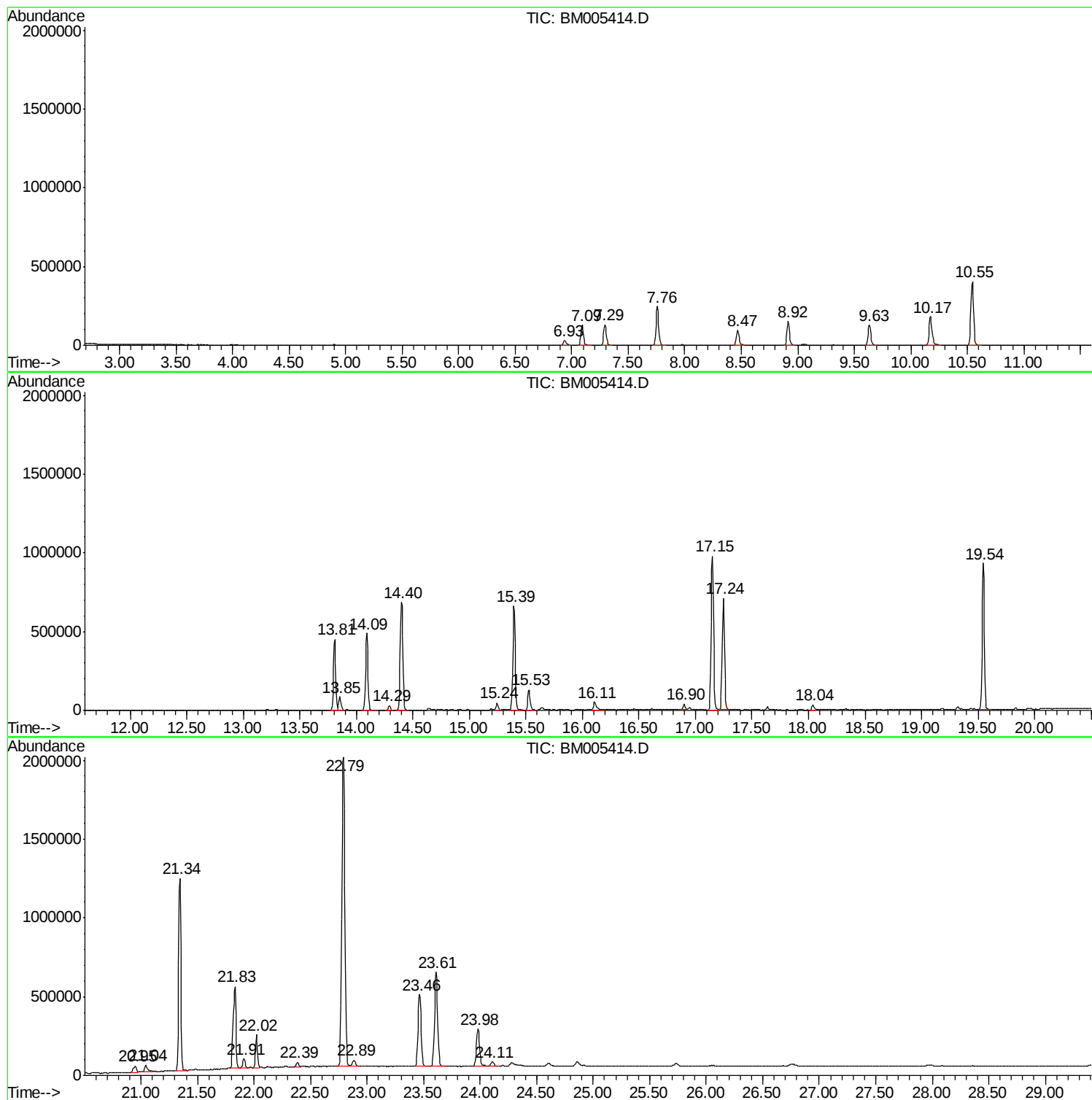
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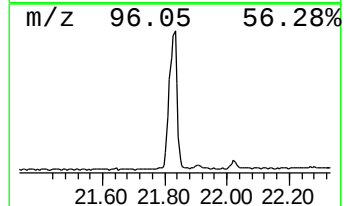
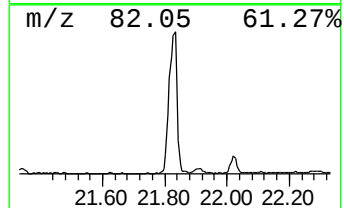
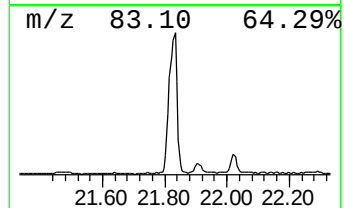
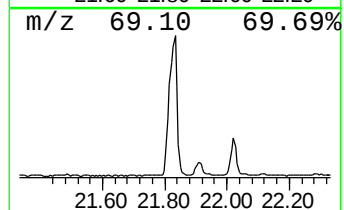
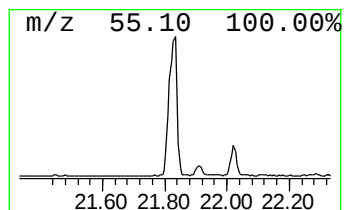
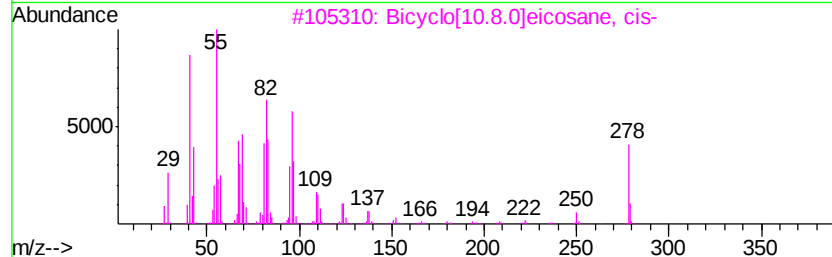
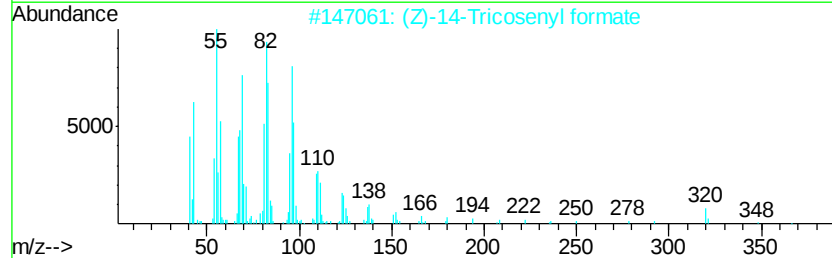
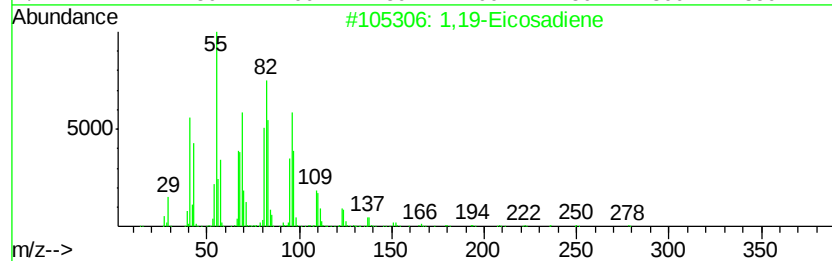
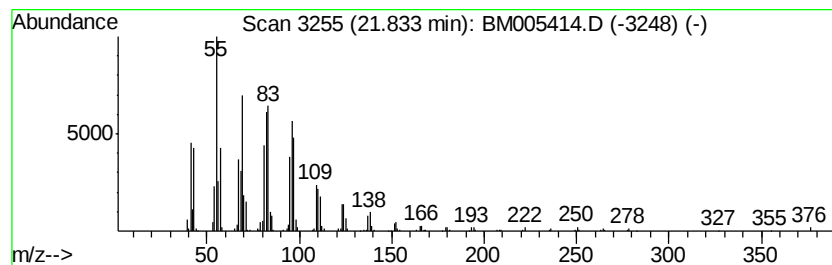
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Peak Number 1 (DEL) Alkane: Branched-21.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	11.24 ng/ul	901349	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene	278 C20H38	014811-95-1	98
2	(Z)-14-Tricosenyl formate	366 C24H46O2	077899-10-6	95
3	Bicyclo[10.8.0]eicosane, cis-	278 C20H38	1000155-82-2	95
4	Ethanol, 2-(9-octadecenylloxy)-, ...	312 C20H40O2	005353-25-3	76
5	1,13-Tetradecadiene	194 C14H26	021964-49-8	76



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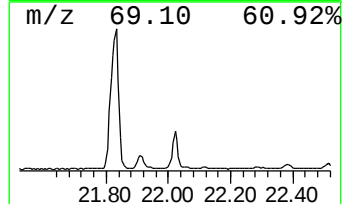
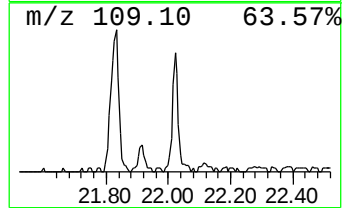
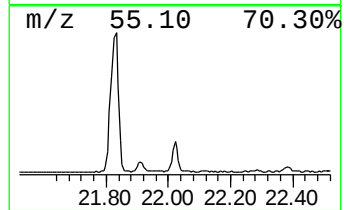
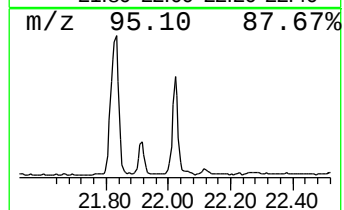
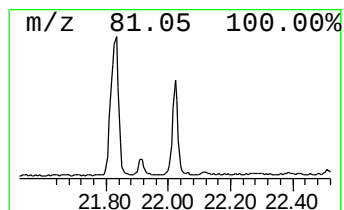
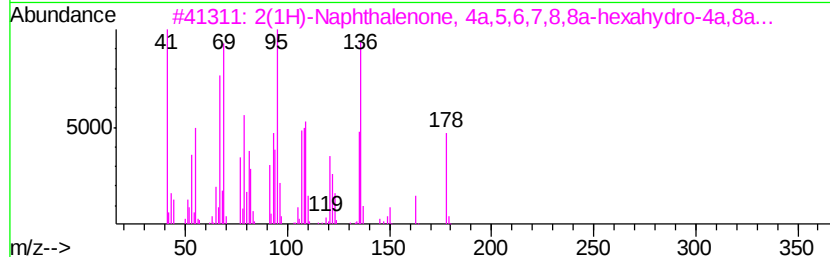
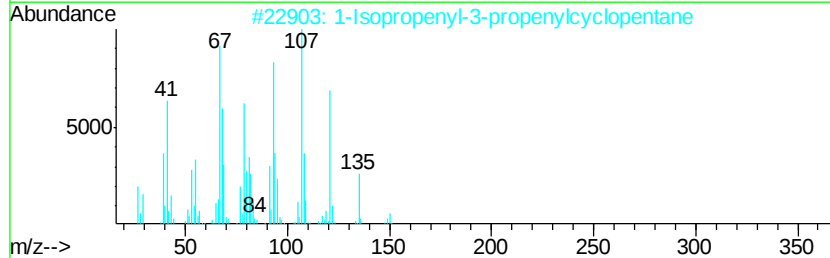
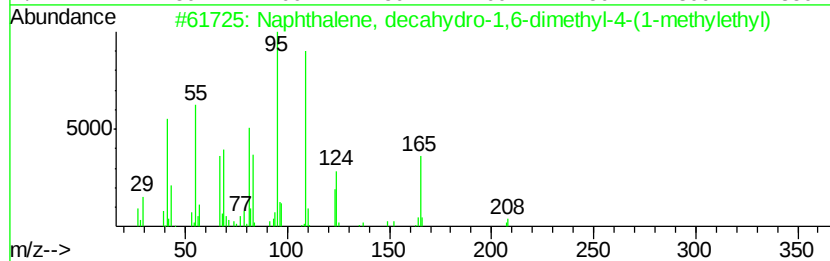
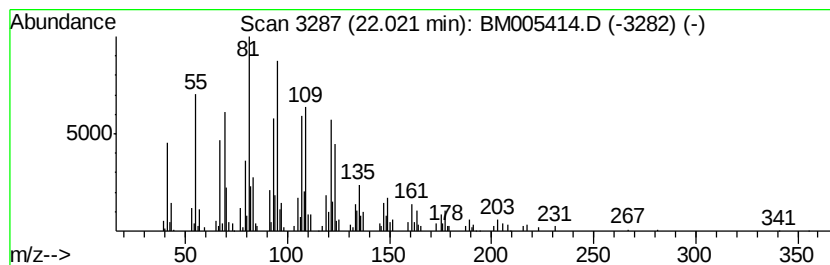
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Peak Number 2 (DEL) Alkane: Branched-22.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	3.14 ng/ul	251368	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	38
2		1-Isopropenyl-3-propenylcyclopent...	150	C11H18	1000192-81-2	30
3		2(1H)-Naphthalenone, 4a,5,6,7,8,...	178	C12H18O	013485-66-0	27
4		1,5-Cycloundecadiene, 9-(1-methy...	190	C14H22	062338-55-0	25
5		1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	22



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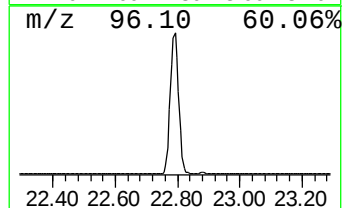
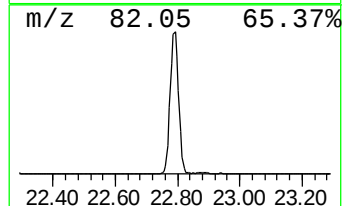
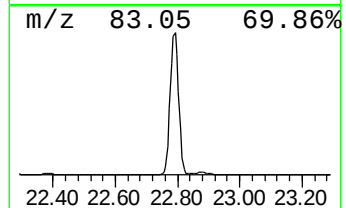
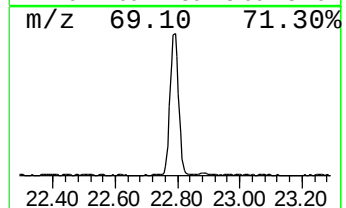
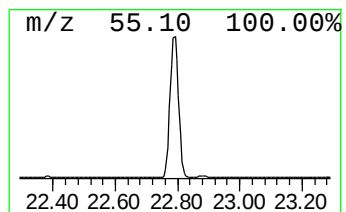
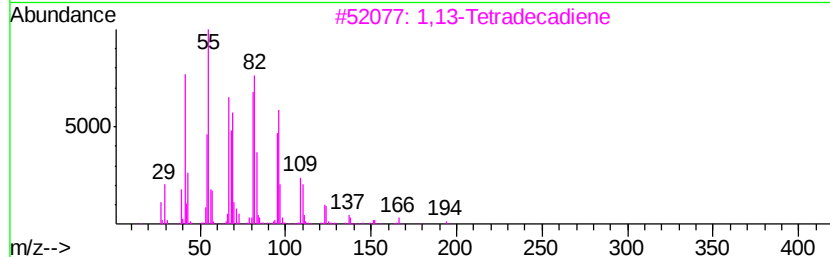
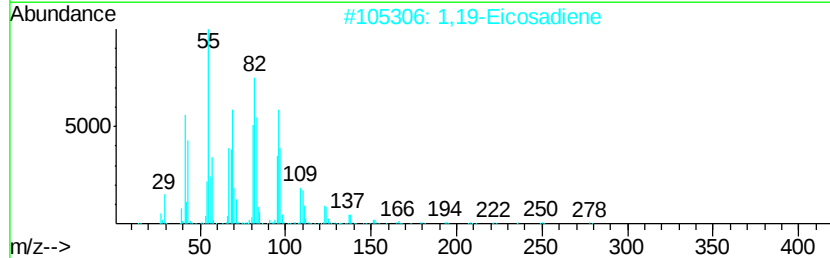
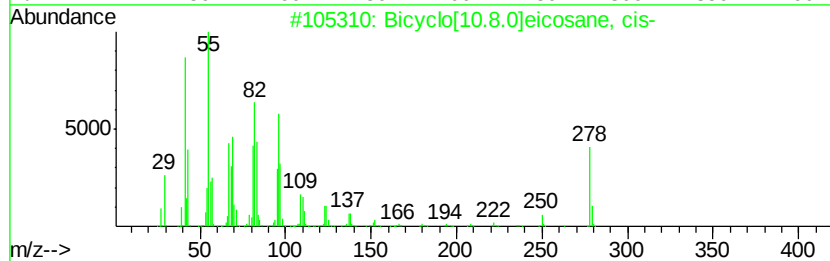
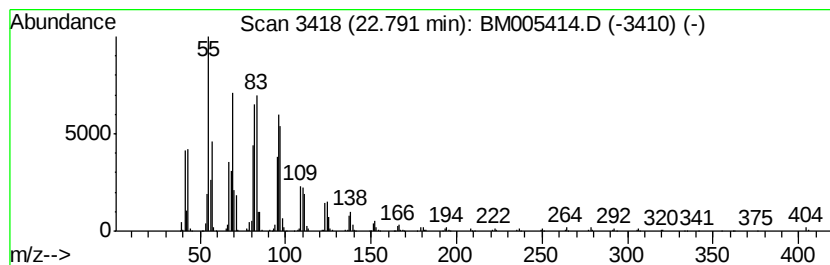
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Peak Number 3 (DEL) Alkane: Branched-22.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	65.92 ng/ul	3743020	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		1,13-Tetradecadiene	194	C14H26	021964-49-8	89
4		1,22-Docosanediol	342	C22H46O2	022513-81-1	86
5		Z-13-Octadecen-1-yl acetate	310	C20H38O2	060037-58-3	81



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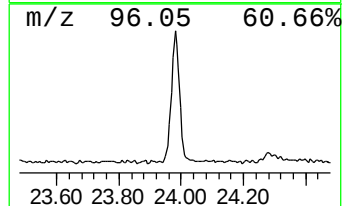
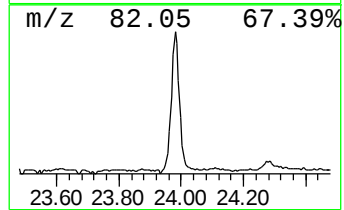
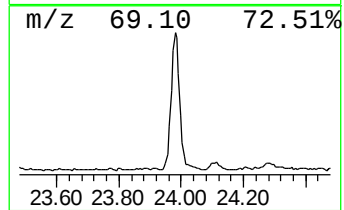
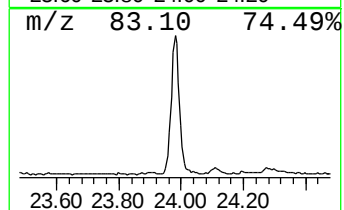
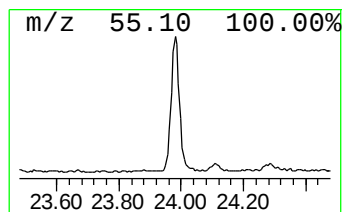
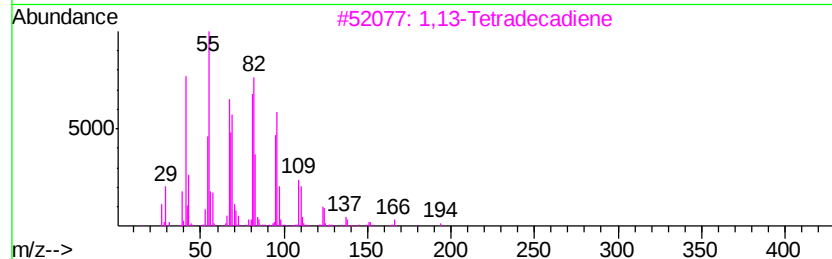
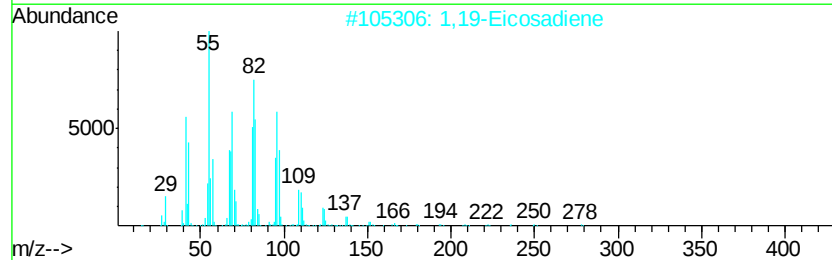
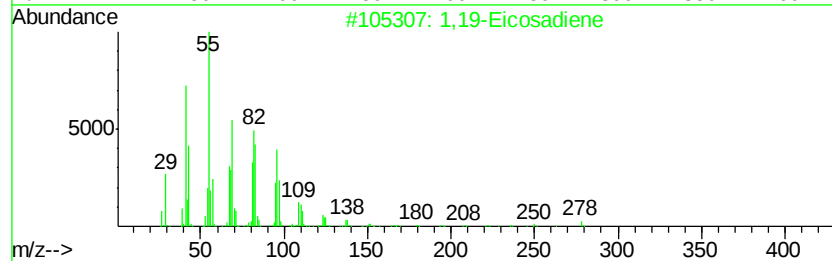
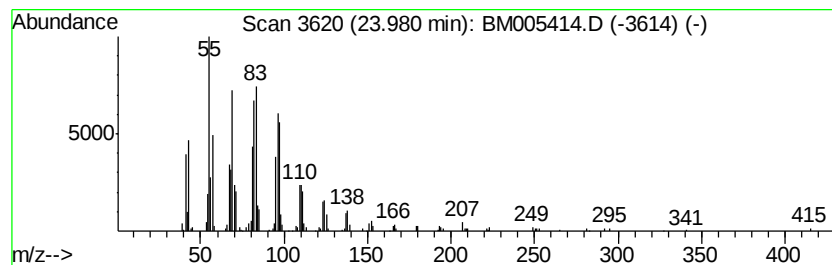
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Peak Number 4 (DEL) Alkane: Branched23.98 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	7.69 ng/ul	436492	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	83
2		1,19-Eicosadiene	278	C20H38	014811-95-1	81
3		1,13-Tetradecadiene	194	C14H26	021964-49-8	78
4		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	64
5		Ethanol, 2-(9-octadecenyloxy)-, ...	312	C20H40O2	017367-07-6	62



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					--Internal Standard--				
TIC Top Hit name					#	RT	Resp	Conc	
(DEL) Alkane: Bra...	21.83	11.2	ng/ul	901349	5	21.34	1603480	20.0	
(DEL) Alkane: Bra...	22.02	3.1	ng/ul	251368	5	21.34	1603480	20.0	
(DEL) Alkane: Bra...	22.79	65.9	ng/ul	3743020	6	23.61	1135650	20.0	
(DEL) Alkane: Bra...	23.98	7.7	ng/ul	436492	6	23.61	1135650	20.0	