

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
 Data File : BN002505.D
 Acq On : 24 Aug 2018 17:39
 Operator : JU/SJ
 Sample : J4628-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3F1

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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	6.852	651	657	672	rVB	275368	540498	18.28%	1.765%
2	7.011	679	684	692	rBV	230464	368515	12.47%	1.204%
3	7.205	712	717	731	rVB	285205	496491	16.80%	1.622%
4	7.669	790	796	806	rVB	457177	742967	25.13%	2.427%
5	8.375	910	916	926	rBV	330539	583920	19.75%	1.907%
6	8.816	985	991	1004	rVB	307198	532748	18.02%	1.740%
7	9.534	1107	1113	1126	rVB	231641	411754	13.93%	1.345%
8	10.069	1198	1204	1216	rBV	324765	607022	20.53%	1.983%
9	10.440	1260	1267	1275	rBV	675246	1129495	38.21%	3.689%
10	10.581	1285	1291	1311	rVB	274974	547382	18.52%	1.788%
11	13.710	1817	1823	1828	rBV	714250	1051641	35.58%	3.435%
12	13.763	1828	1832	1839	rVB	389776	553706	18.73%	1.808%
13	13.993	1864	1871	1881	rVB	828295	1239500	41.93%	4.048%
14	14.298	1917	1923	1934	rVB2	1013665	1568581	53.06%	5.123%
15	14.522	1956	1961	1969	rBV	196107	390455	13.21%	1.275%
16	15.298	2087	2093	2102	rBV	1097615	1556659	52.66%	5.084%
17	15.428	2110	2115	2129	rBV	271883	420575	14.23%	1.374%
18	17.051	2384	2391	2398	rBV	1395351	1983608	67.10%	6.479%
19	17.145	2401	2407	2420	rVV2	1234272	1775491	60.06%	5.799%
20	17.951	2539	2544	2550	rBV2	51691	81586	2.76%	0.266%
21	19.445	2792	2798	2806	rBV	1603291	2200337	74.44%	7.186%
22	19.616	2823	2827	2834	rBV	202848	250965	8.49%	0.820%
23	19.975	2884	2888	2891	rVV	73068	80794	2.73%	0.264%
24	20.510	2975	2979	2982	rBV	36476	42404	1.43%	0.138%
25	20.975	3054	3058	3061	rBV	53385	57875	1.96%	0.189%
26	21.169	3088	3091	3099	rVB	31435	40807	1.38%	0.133%
27	21.245	3099	3104	3115	rBV	2080499	2761843	93.43%	9.020%
28	21.410	3128	3132	3138	rBV	93507	118066	3.99%	0.386%
29	21.839	3201	3205	3209	rBV	102345	122719	4.15%	0.401%
30	22.298	3279	3283	3289	rVB	141121	182808	6.18%	0.597%
31	22.422	3301	3304	3310	rVB	76421	108405	3.67%	0.354%
32	22.798	3363	3368	3374	rBV	188055	277671	9.39%	0.907%
33	23.327	3451	3458	3472	rVB	1435967	2956050	100.00%	9.655%
34	23.469	3474	3482	3496	rBV	1560103	2949051	99.76%	9.632%

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Peak separation: 5

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35	23.986	3565	3570	3579	rVB	219786	427937	14.48%	1.398%
36	24.721	3688	3695	3702	rBV	194029	407113	13.77%	1.330%
37	25.568	3833	3839	3849	rVB	136137	331072	11.20%	1.081%
38	25.880	3885	3892	3905	rVB4	205745	523698	17.72%	1.710%
39	26.568	4004	4009	4017	rVB3	79777	195754	6.62%	0.639%

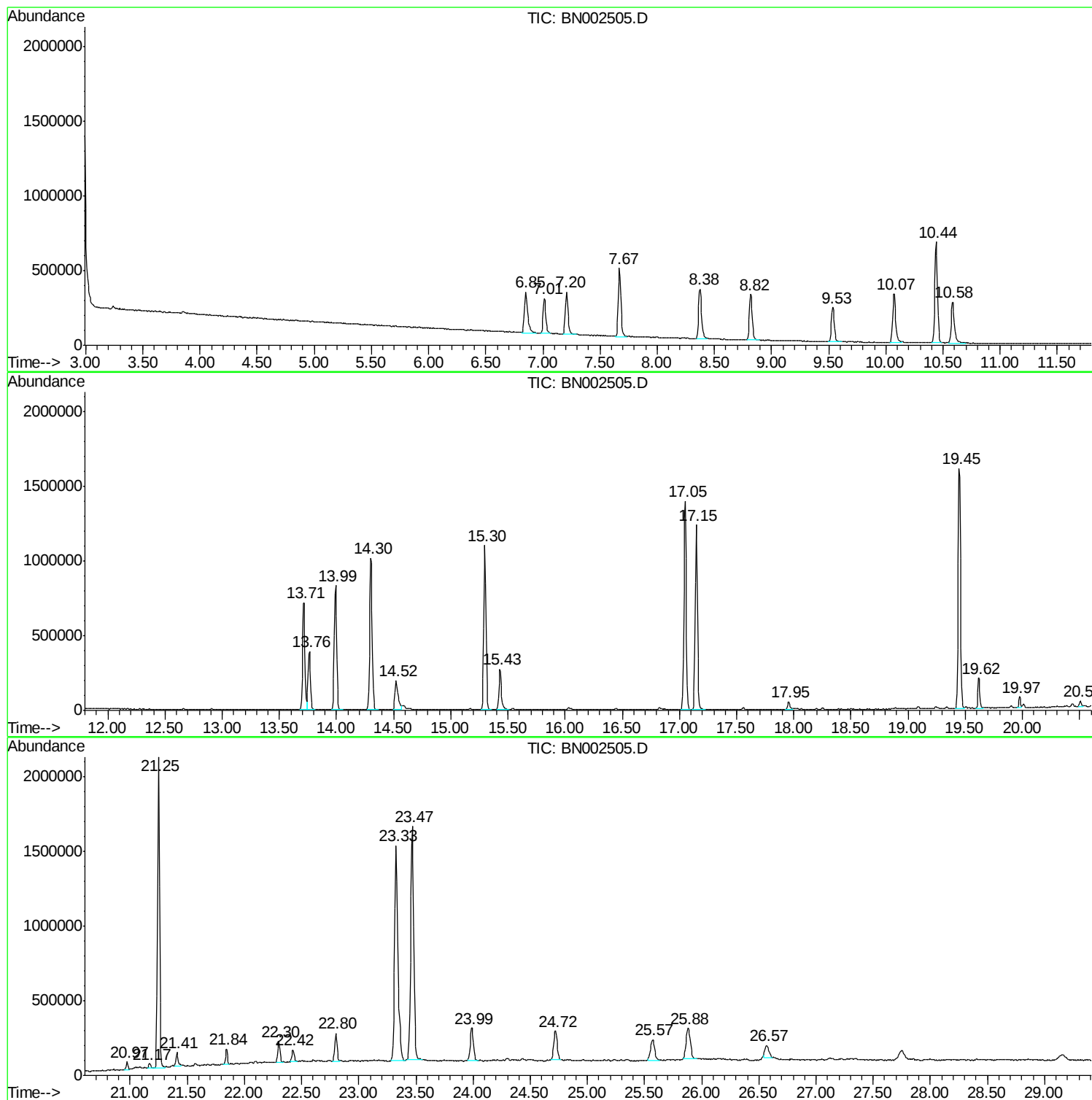
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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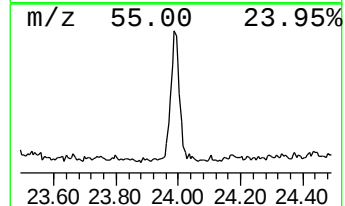
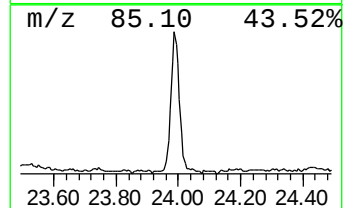
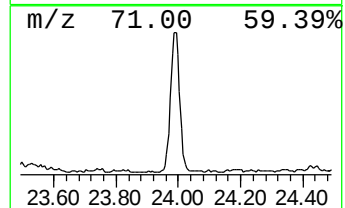
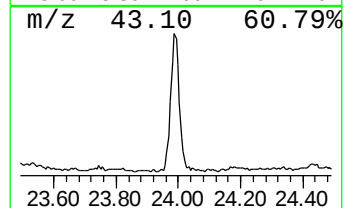
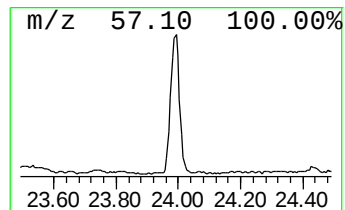
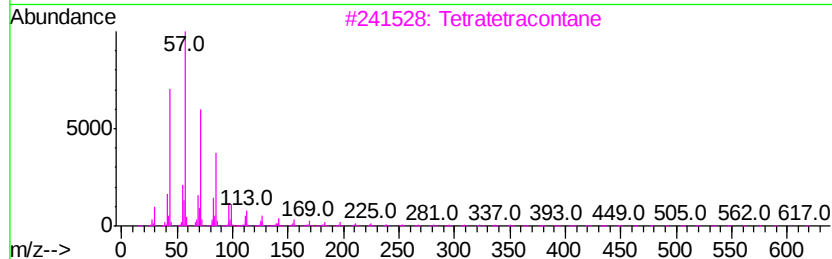
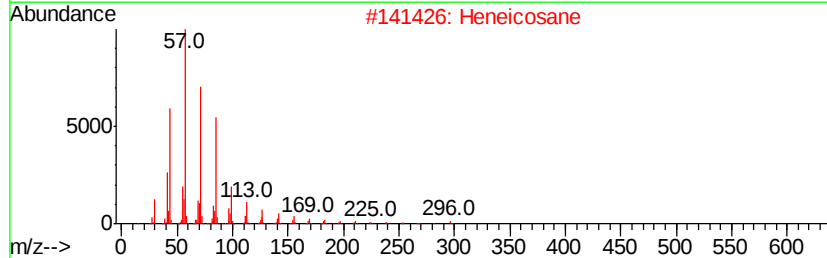
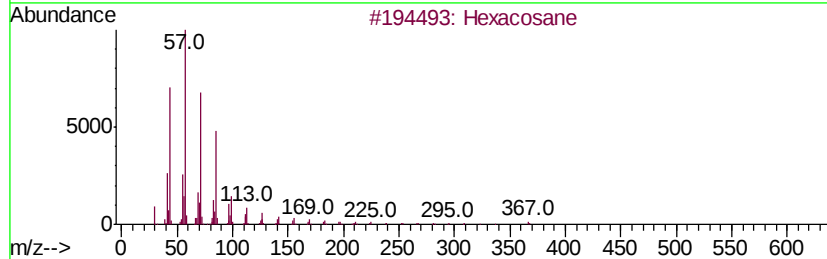
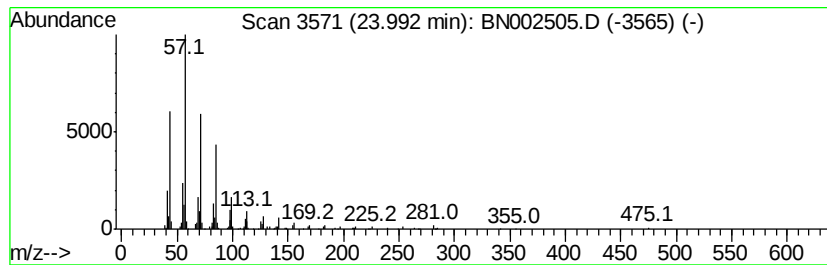
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.90 ng/ul	427937	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetracosane	338	C24H50	000646-31-1	91



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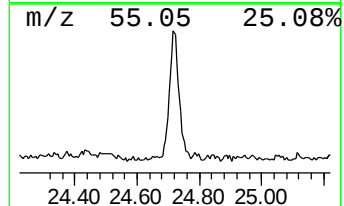
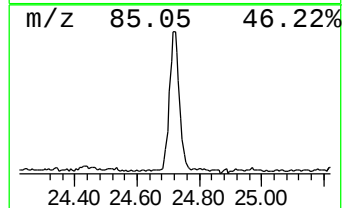
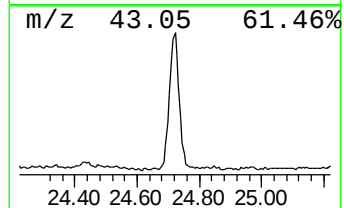
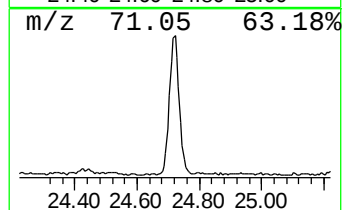
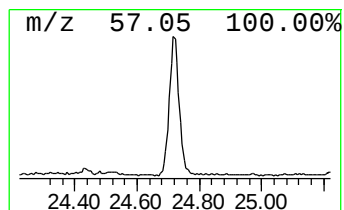
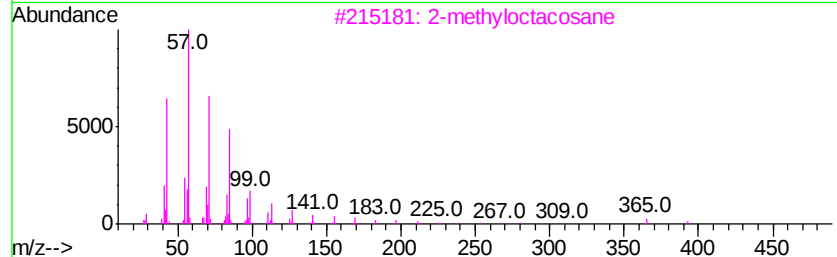
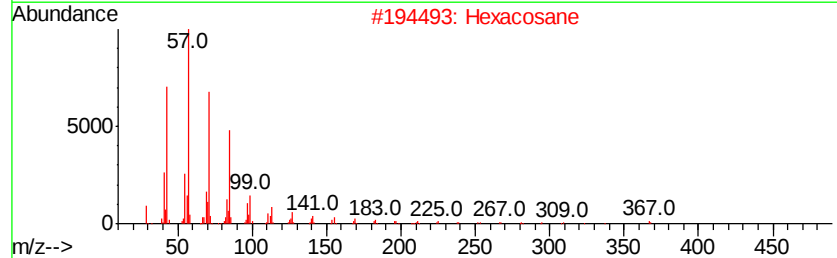
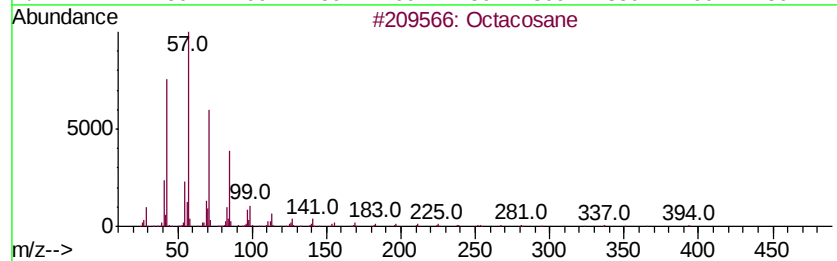
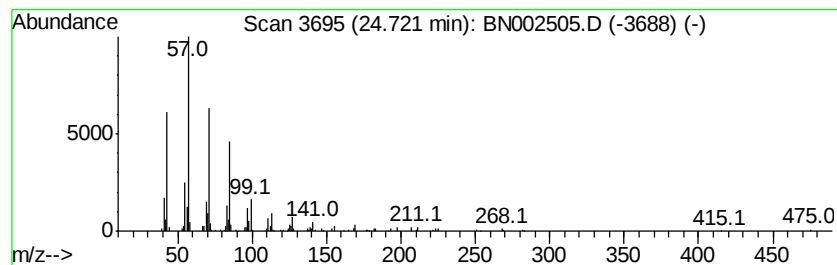
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	2.76 ng/ul	407113	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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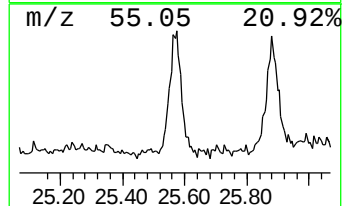
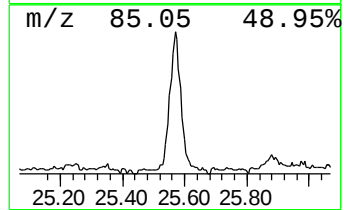
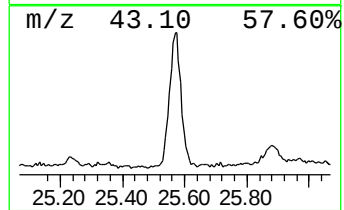
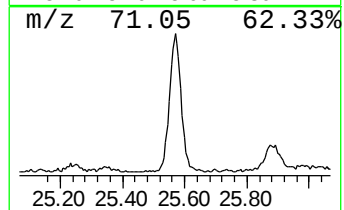
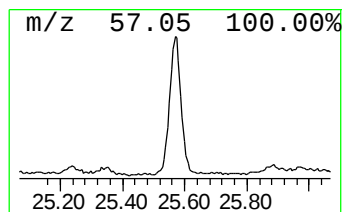
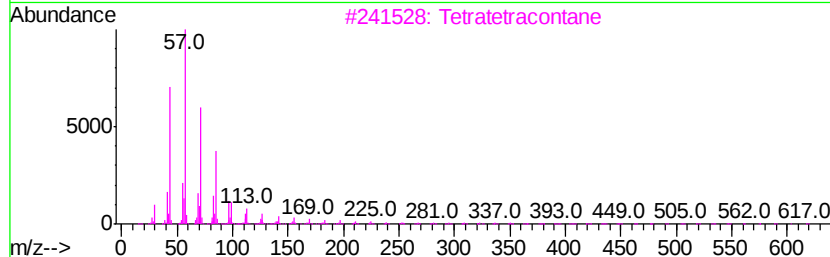
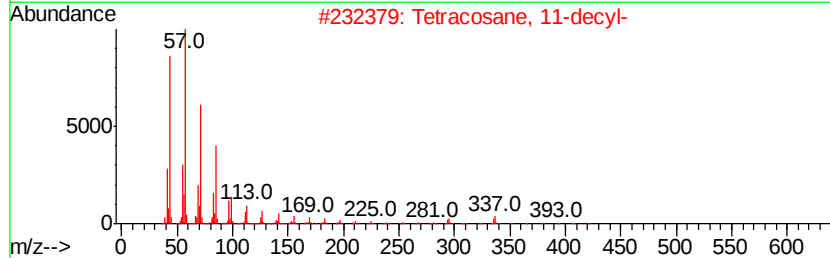
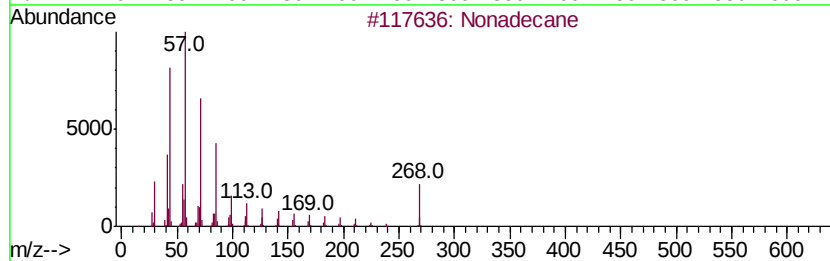
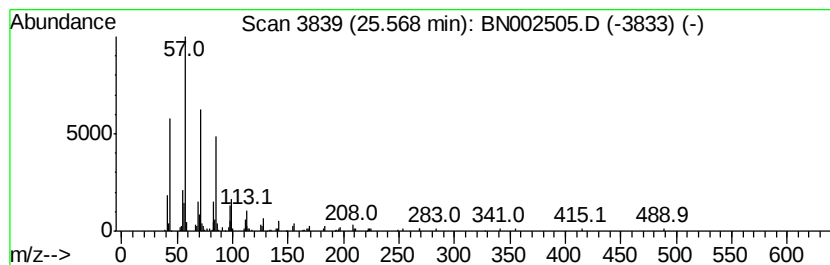
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	2.25 ng/ul	331072	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Hexacosane	366	C26H54	000630-01-3	90



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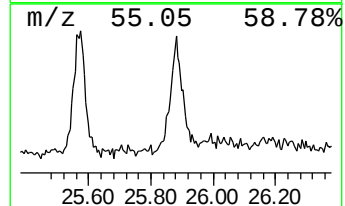
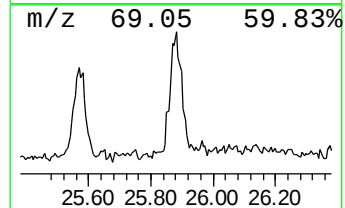
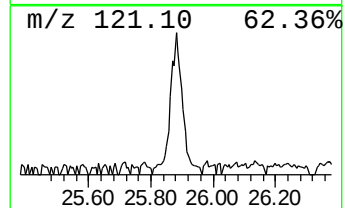
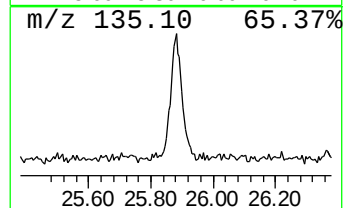
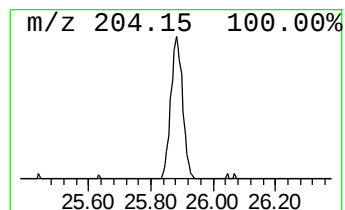
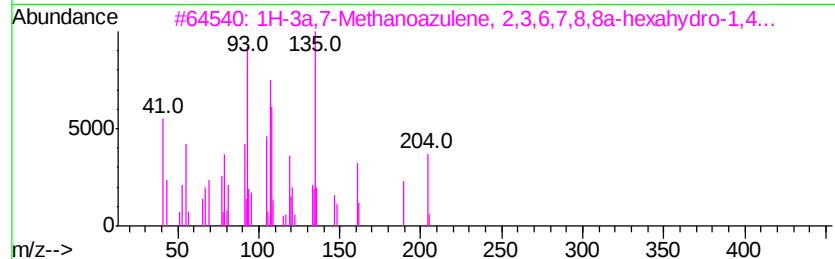
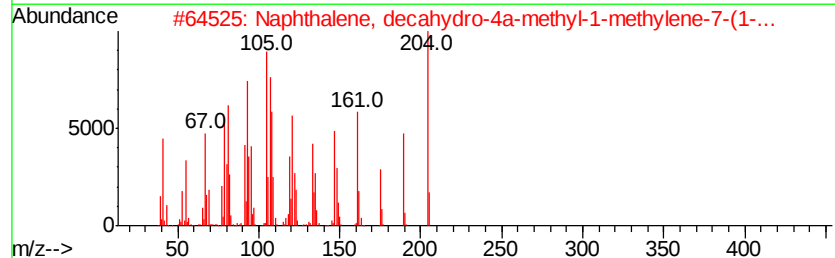
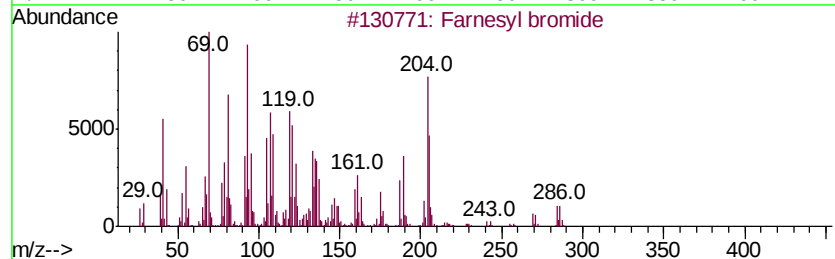
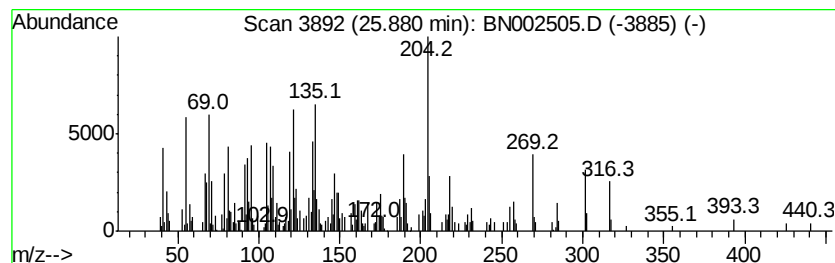
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Peak Number 4 Farnesyl bromide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	3.55 ng/ul	523698	Perylene-d12	23.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Farnesyl bromide	284 C15H25Br	006874-67-5	50
2	Naphthalene, decahydro-4a-methyl...	204 C15H24	017066-67-0	50
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204 C15H24	000560-32-7	49
4	1,1,4a-Trimethyl-5,6-dimethylene...	204 C15H24	1000193-60-8	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204 C15H24	137235-51-9	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	23.99	2.9	ng/ul	427937	6	23.47	2949050	20.0
(DEL) Alkane: Str...	24.72	2.8	ng/ul	407113	6	23.47	2949050	20.0
(DEL) Alkane: Str...	25.57	2.3	ng/ul	331072	6	23.47	2949050	20.0
Farnesyl bromide	25.88	3.5	ng/ul	523698	6	23.47	2949050	20.0