

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
 Data File : BN012060.D
 Acq On : 05 Oct 2020 17:33
 Operator : CG/JU
 Sample : L4185-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % 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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Title : SVOA CALIBRATION

Signal : TIC: BN012060.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	47	rVB	77036	117812	1.59%	0.182%
2	3.711	120	123	126	rBV5	8667	10476	0.14%	0.016%
3	3.823	140	142	147	rVB5	10535	12597	0.17%	0.019%
4	3.911	153	157	163	rVB2	21340	28316	0.38%	0.044%
5	4.128	190	194	202	rVB	45361	57604	0.78%	0.089%
6	4.528	258	262	270	rVB2	34758	50111	0.68%	0.077%
7	4.834	310	314	319	rBV5	6678	10730	0.15%	0.017%
8	6.493	591	596	597	rBV3	5448	8071	0.11%	0.012%
9	6.828	647	653	665	rVB	256862	435235	5.89%	0.672%
10	6.999	675	682	691	rBV	809134	1230813	16.65%	1.900%
11	7.193	708	715	726	rBV	957384	1479302	20.01%	2.283%
12	7.658	787	794	801	rBV	1018625	1560187	21.10%	2.408%
13	8.358	906	913	922	rBV	700465	1098656	14.86%	1.696%
14	8.805	982	989	999	rBV	1021468	1641623	22.20%	2.534%
15	9.234	1056	1062	1068	rVB2	32009	46995	0.64%	0.073%
16	9.522	1104	1111	1121	rBV	833769	1353517	18.30%	2.089%
17	10.052	1192	1201	1209	rBV	1356077	2176368	29.43%	3.359%
18	10.375	1251	1256	1259	rBV4	4731	8443	0.11%	0.013%
19	10.434	1259	1266	1274	rVB	1247692	2052750	27.76%	3.168%
20	10.575	1284	1290	1296	rBV	75779	134778	1.82%	0.208%
21	10.987	1354	1360	1363	rBV4	6515	11290	0.15%	0.017%
22	11.234	1397	1402	1403	rBV5	9895	13194	0.18%	0.020%
23	11.257	1403	1406	1412	rVV7	15016	24955	0.34%	0.039%
24	11.322	1412	1417	1422	rVV7	8243	13943	0.19%	0.022%
25	11.375	1422	1426	1430	rVV5	9317	13042	0.18%	0.020%
26	11.728	1481	1486	1491	rVB2	24881	38697	0.52%	0.060%
27	12.028	1532	1537	1543	rVB4	18732	33465	0.45%	0.052%
28	12.904	1683	1686	1691	rVB5	9495	14020	0.19%	0.022%
29	13.193	1731	1735	1740	rBV6	7035	12056	0.16%	0.019%
30	13.710	1816	1823	1827	rBV	2658596	3571731	48.30%	5.513%
31	13.757	1827	1831	1836	rVB	240969	336974	4.56%	0.520%
32	13.987	1861	1870	1881	rBV	2709750	3857441	52.17%	5.954%
33	14.216	1904	1909	1910	rVB5	6673	8454	0.11%	0.013%
34	14.293	1915	1922	1930	rBV	1788564	2686487	36.33%	4.146%
35	14.493	1949	1956	1966	rBV	194877	331652	4.49%	0.512%
36	14.640	1980	1981	1987	rVB6	5355	7991	0.11%	0.012%

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37	15.045	2047	2050	2056	rVB4	8780	12742	0.17%	0.020%
38	15.293	2083	2092	2105	rBV	3707416	5053070	68.34%	7.799%
39	15.410	2105	2112	2125	rVV	1374061	1894685	25.62%	2.924%
40	15.534	2129	2133	2139	rVB2	45299	68099	0.92%	0.105%
41	15.857	2184	2188	2190	rBV4	5654	7813	0.11%	0.012%
42	15.969	2205	2207	2210	rVV3	9181	8474	0.11%	0.013%
43	16.075	2223	2225	2230	rVB4	17022	18959	0.26%	0.029%
44	16.557	2303	2307	2310	rBV5	7471	12519	0.17%	0.019%
45	16.816	2345	2351	2355	rBV7	18051	36419	0.49%	0.056%
46	16.916	2367	2368	2374	rVB5	12433	11832	0.16%	0.018%
47	17.039	2384	2389	2396	rBV	2148017	3055400	41.32%	4.716%
48	17.098	2396	2399	2400	rVV3	19644	18136	0.25%	0.028%
49	17.139	2400	2406	2416	rVB	4050552	5684567	76.88%	8.774%
50	17.422	2451	2454	2457	rBV5	11190	17001	0.23%	0.026%
51	17.945	2538	2543	2550	rBV2	246419	342534	4.63%	0.529%
52	18.016	2553	2555	2561	rVB4	18601	27441	0.37%	0.042%
53	18.428	2621	2625	2628	rBV6	8380	11315	0.15%	0.017%
54	18.622	2654	2658	2660	rBV5	12384	17945	0.24%	0.028%
55	18.757	2677	2681	2683	rBV5	13065	17516	0.24%	0.027%
56	18.845	2692	2696	2700	rVB7	20491	27357	0.37%	0.042%
57	19.075	2730	2735	2739	rBV2	60528	84533	1.14%	0.130%
58	19.233	2758	2762	2767	rBV4	75252	106525	1.44%	0.164%
59	19.328	2773	2778	2782	rBV2	50911	77467	1.05%	0.120%
60	19.445	2792	2798	2807	rBV	5195160	6947119	93.95%	10.722%
61	20.969	3053	3057	3064	rBV2	544765	742045	10.04%	1.145%
62	21.245	3099	3104	3113	rBV	2690351	3442043	46.55%	5.312%
63	22.792	3365	3367	3372	rVB2	230037	283373	3.83%	0.437%
64	23.310	3449	3455	3461	rBV	4045643	7394449	100.00%	11.413%
65	23.451	3473	3479	3486	rVB	2053571	3609972	48.82%	5.572%
66	23.986	3566	3570	3576	rVB	350385	600878	8.13%	0.927%
67	24.716	3690	3694	3700	rVB3	342502	670458	9.07%	1.035%

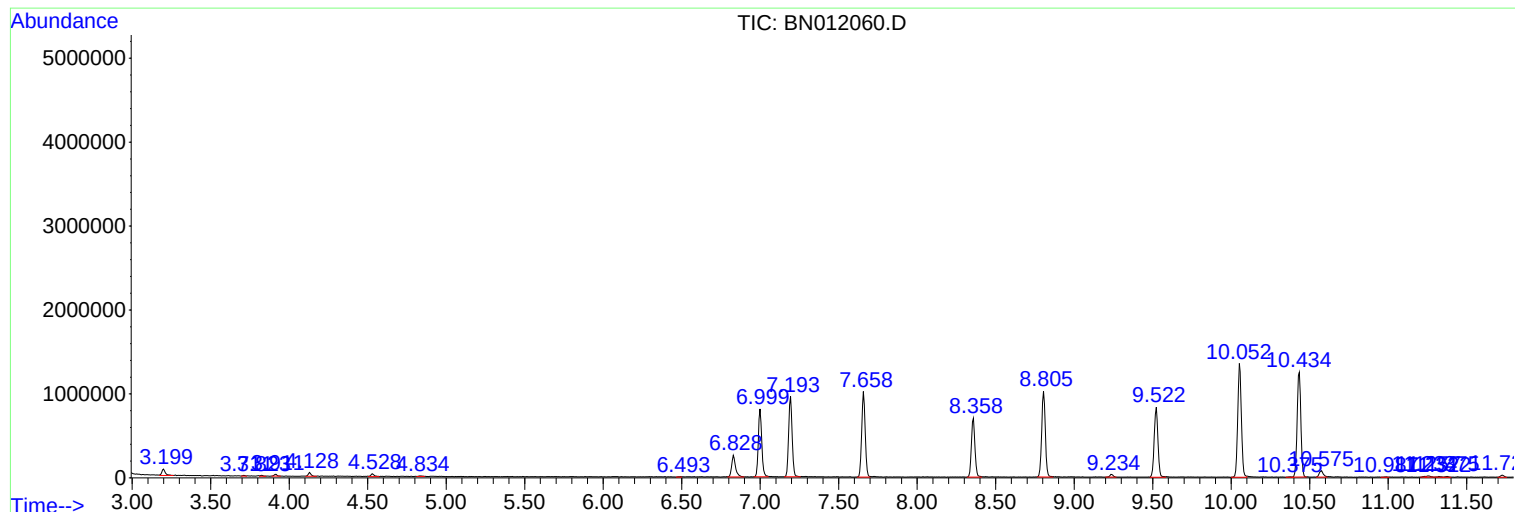
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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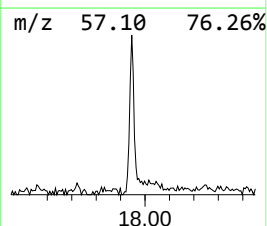
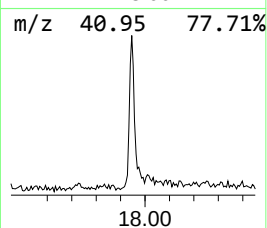
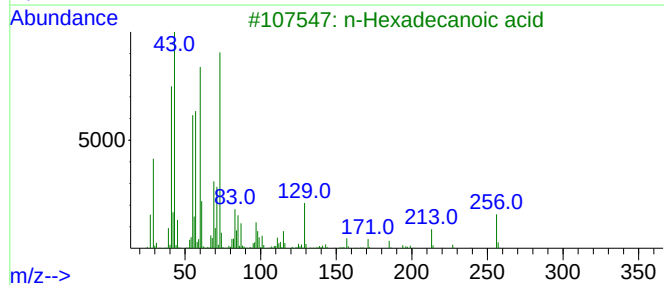
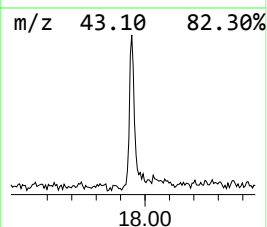
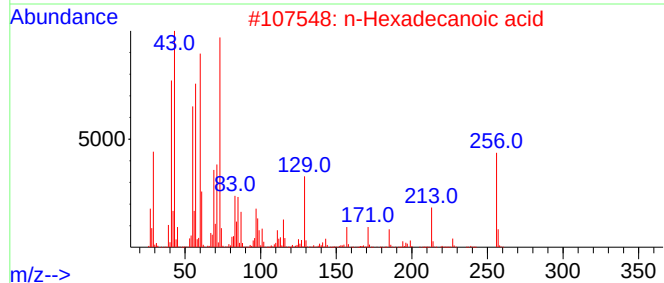
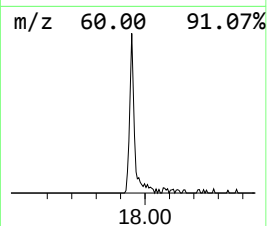
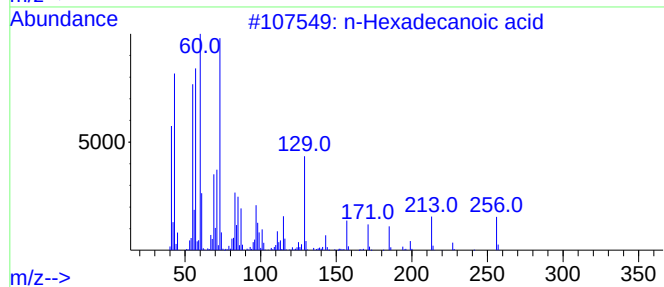
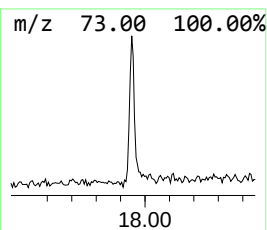
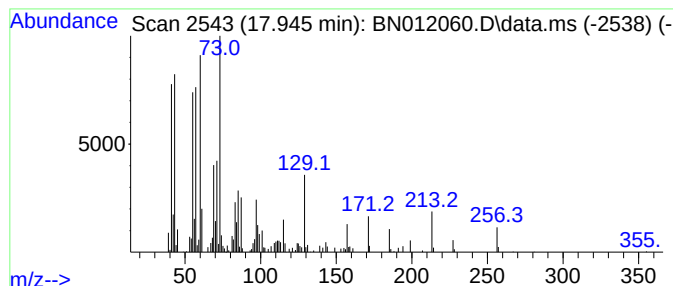
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.950	2.24 ng/ul	342534	Phenanthrene-d10	17.040

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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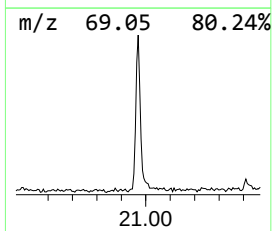
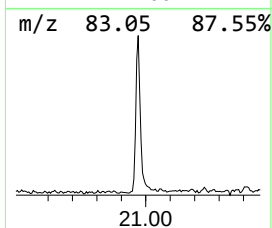
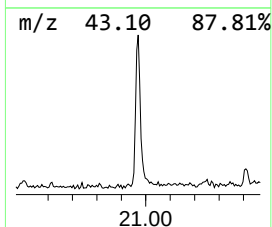
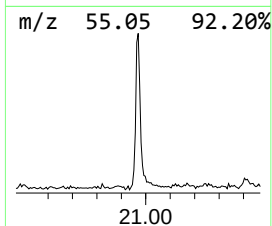
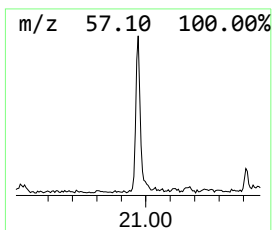
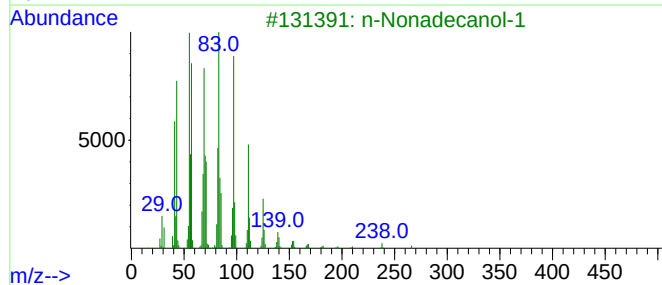
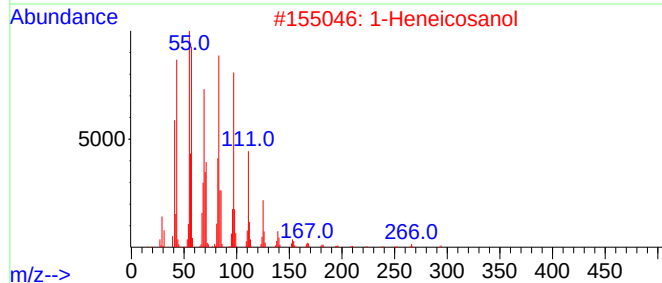
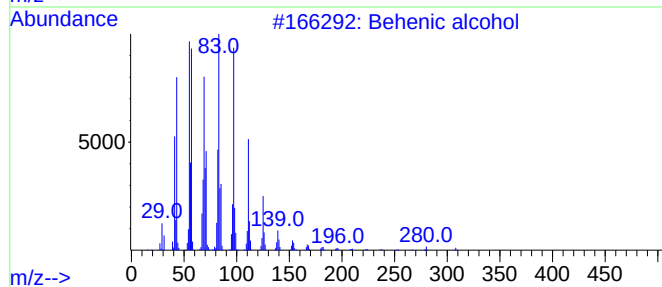
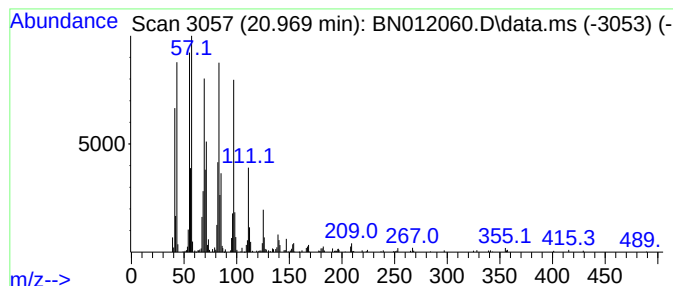
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.970	4.31 ng/ul	742045	Chrysene-d12	21.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	95
2			1-Heneicosanol	312	C21H44O	015594-90-8	95
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4			Cetene	224	C16H32	000629-73-2	94
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



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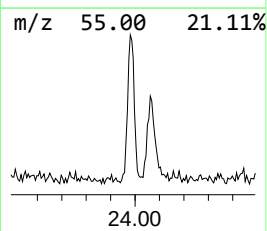
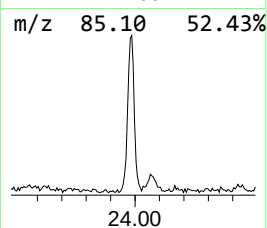
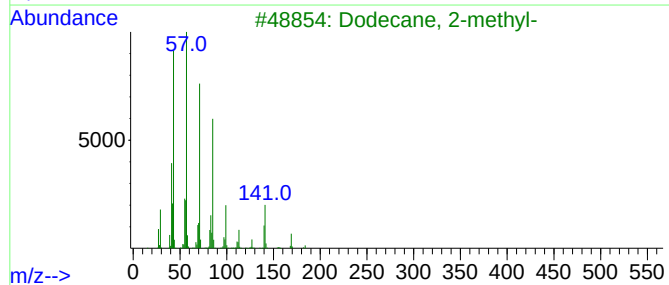
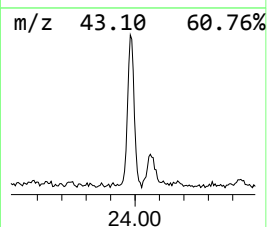
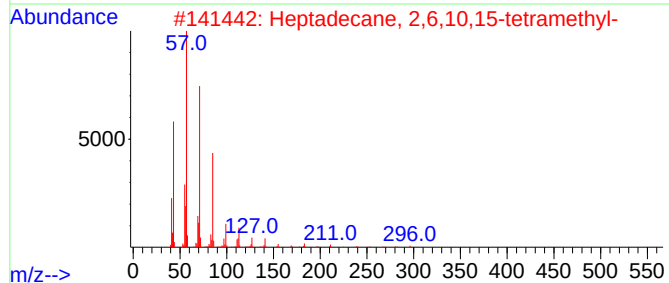
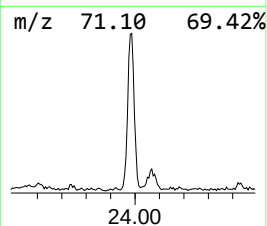
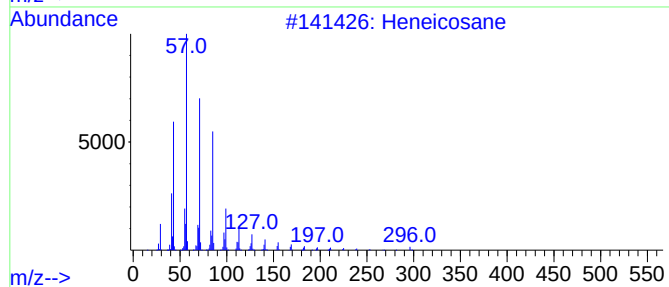
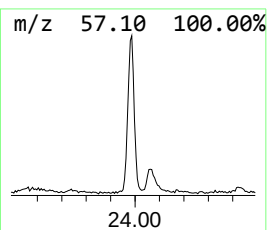
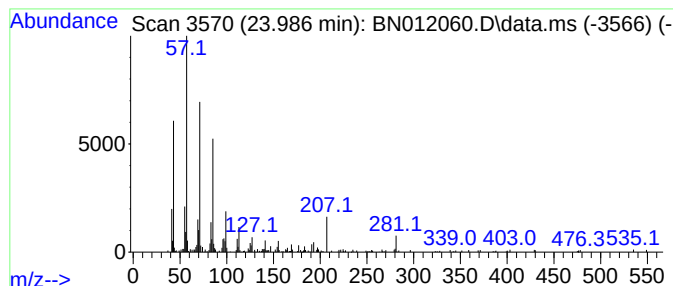
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.990	3.33 ng/ul	600878	Perylene-d12	23.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78



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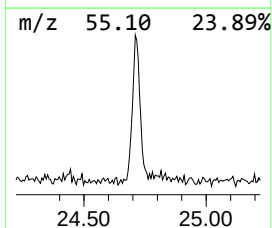
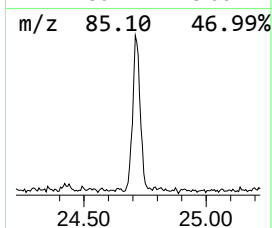
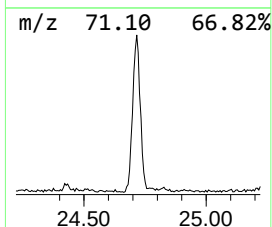
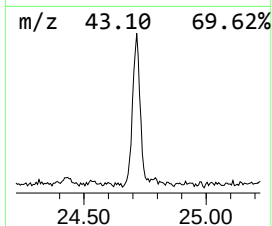
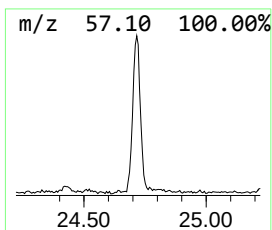
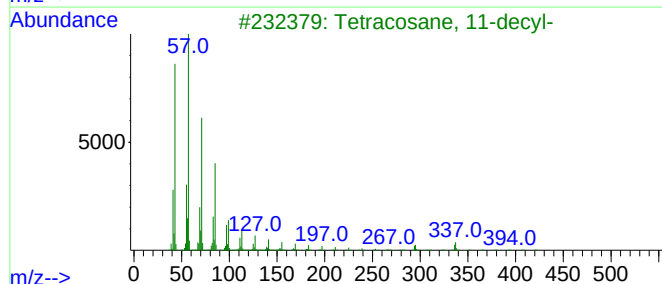
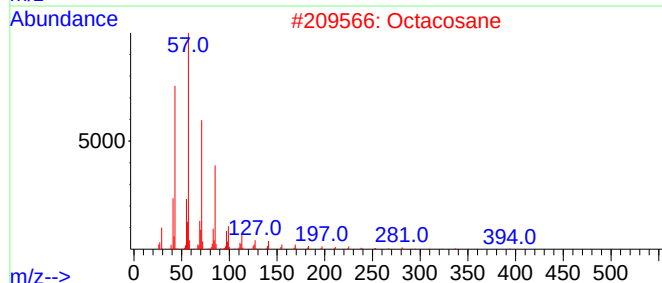
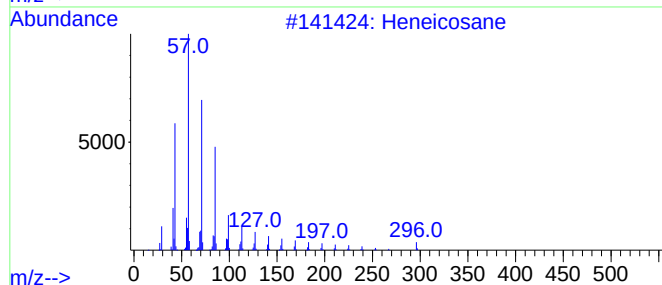
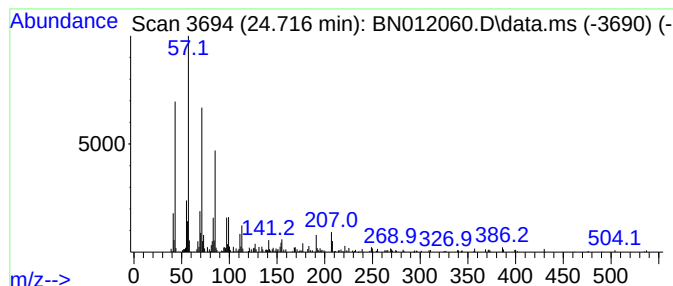
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.720	3.71 ng/ul	670458	Perylene-d12	23.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Octacosane	394	C28H58	000630-02-4	74
3			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74
4			Eicosane	282	C20H42	000112-95-8	74
5			Tetratetracontane	619	C44H90	007098-22-8	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.950	2.2	ng/ul	342534	4	17.040	3055400	20.0
Behenic alcohol	20.970	4.3	ng/ul	742045	5	21.245	3442040	20.0
(DEL) Alkane: S...	23.990	3.3	ng/ul	600878	6	23.451	3609970	20.0
(DEL) Alkane: S...	24.720	3.7	ng/ul	670458	6	23.451	3609970	20.0