

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007375.D
 Acq On : 02 Sep 2016 19:46
 Operator : UM/SJ
 Sample : H4639-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD396

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-BM082316.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	6.963	737	744	757	rBV	930235	1591309	14.36%	1.724%
2	7.128	765	772	782	rBV	707049	1114413	10.06%	1.207%
3	7.328	798	806	814	rBV	947947	1529313	13.80%	1.657%
4	7.792	878	885	894	rBV	693210	1126025	10.16%	1.220%
5	8.492	997	1004	1014	rBV	1332879	2174217	19.62%	2.355%
6	8.951	1074	1082	1090	rBV	1006516	1709921	15.43%	1.852%
7	9.663	1196	1203	1213	rBV	890728	1517399	13.69%	1.644%
8	10.198	1287	1294	1307	rBV	1346481	2346813	21.18%	2.542%
9	10.581	1349	1359	1368	rBV	1064377	1825861	16.48%	1.978%
10	10.716	1374	1382	1395	rBV	1058171	1891335	17.07%	2.049%
11	13.833	1905	1912	1916	rBV	3154220	4529593	40.88%	4.907%
12	13.880	1916	1920	1928	rVB	1448817	1945771	17.56%	2.108%
13	14.116	1953	1960	1969	rVB	3228659	4944632	44.62%	5.356%
14	14.427	2005	2013	2023	rBV2	1791233	2776680	25.06%	3.008%
15	14.627	2040	2047	2060	rBV	1532348	2434903	21.97%	2.638%
16	15.421	2175	2182	2190	rBV	4472531	6483715	58.51%	7.024%
17	15.539	2196	2202	2213	rBV	1510958	2168777	19.57%	2.349%
18	15.657	2217	2222	2230	rBV4	67237	127524	1.15%	0.138%
19	16.133	2299	2303	2313	rBV	117941	202382	1.83%	0.219%
20	16.927	2433	2438	2457	rBV	938446	1465465	13.23%	1.588%
21	17.168	2473	2479	2489	rBV2	2616213	3772133	34.04%	4.086%
22	17.268	2489	2496	2504	rVB2	5320115	7569833	68.31%	8.200%
23	17.545	2538	2543	2556	rBV	460113	731743	6.60%	0.793%
24	18.062	2624	2631	2641	rBV	459493	758417	6.84%	0.822%
25	19.192	2818	2823	2826	rBV	107008	156718	1.41%	0.170%
26	19.339	2843	2848	2857	rBV2	121699	210387	1.90%	0.228%
27	19.562	2879	2886	2891	rBV	7164631	9896185	89.31%	10.720%
28	21.050	3135	3139	3151	rBV	599620	936798	8.45%	1.015%
29	21.345	3184	3189	3198	rBV	4160009	5617955	50.70%	6.086%
30	22.397	3366	3368	3373	rVB3	100309	121086	1.09%	0.131%
31	22.909	3451	3455	3462	rVB	275794	379672	3.43%	0.411%
32	23.480	3543	3552	3566	rVB	5707631	11080866	100.00%	12.004%
33	23.621	3568	3576	3588	rVB	2786258	5549679	50.08%	6.012%
34	24.133	3658	3663	3670	rVB	305169	584909	5.28%	0.634%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Min Area: 1 % of largest Peak
Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	24.780	3769	3773	3782	rVB4	159672	313025	2.82%	0.339%
36	24.891	3787	3792	3799	rVB3	185576	391622	3.53%	0.424%
37	25.768	3937	3941	3949	rVB2	142220	335289	3.03%	0.363%

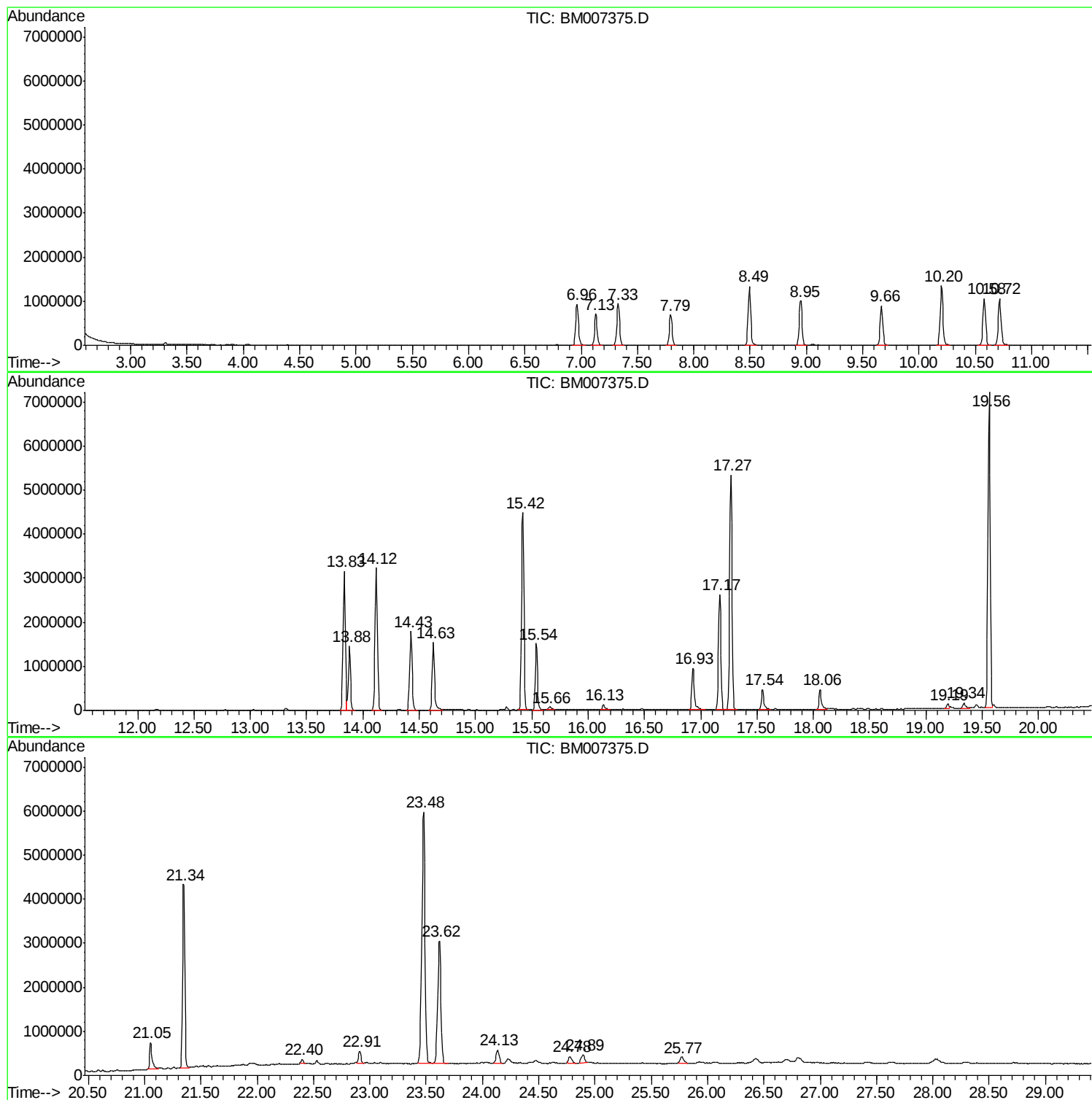
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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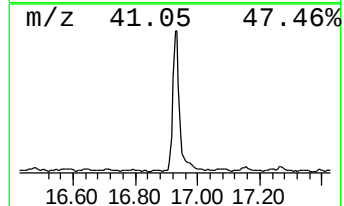
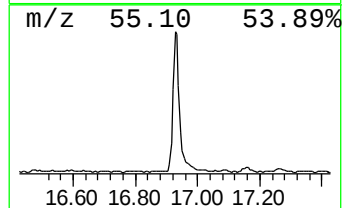
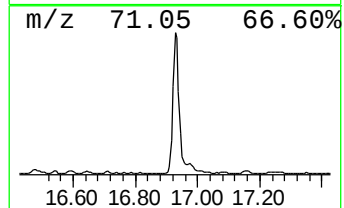
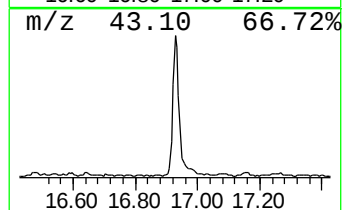
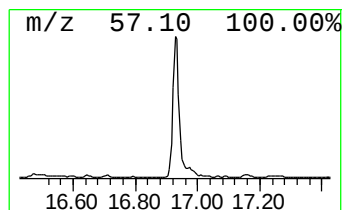
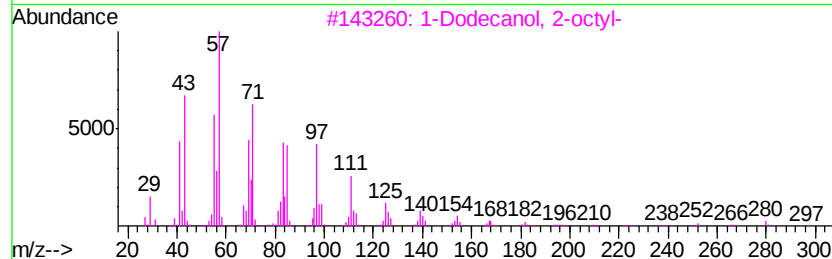
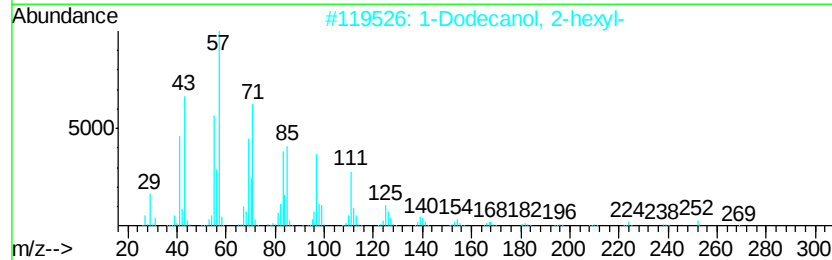
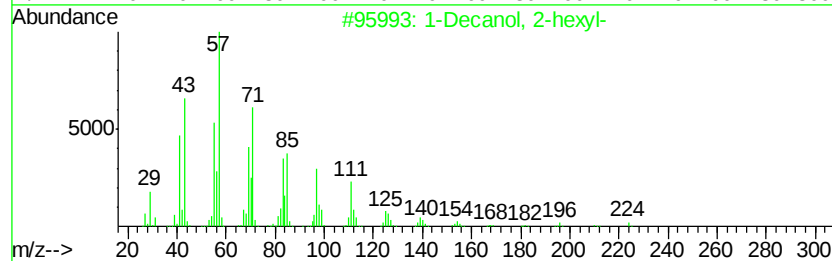
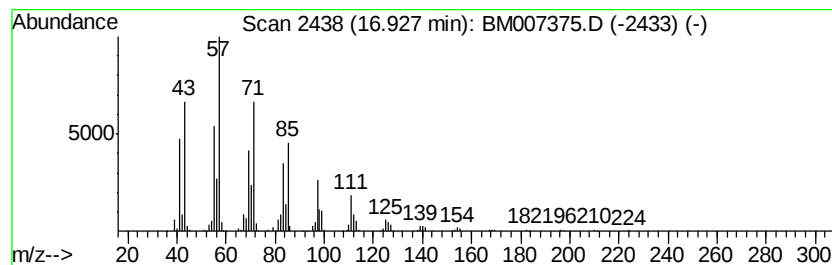
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 1-Decanol, 2-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	7.77 ng/ul	1465470	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
4		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	87
5		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	86



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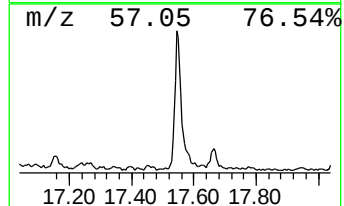
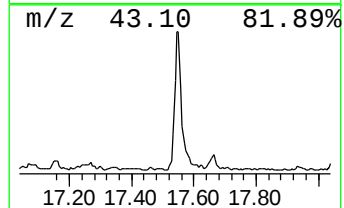
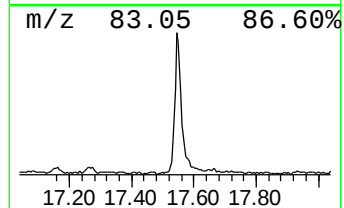
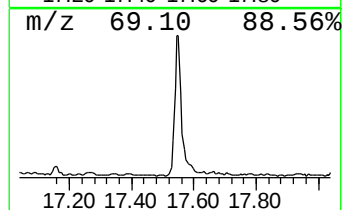
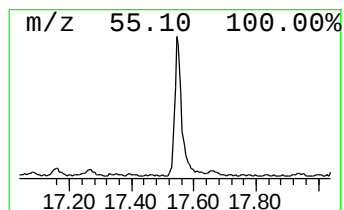
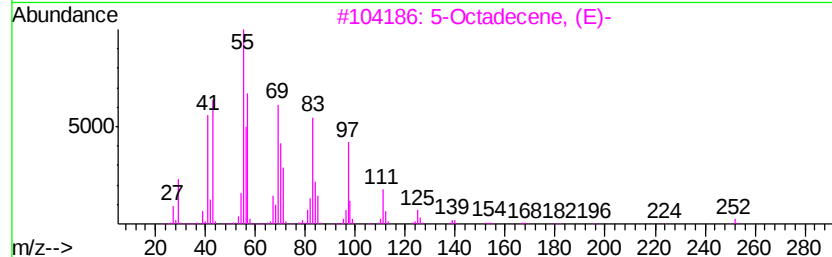
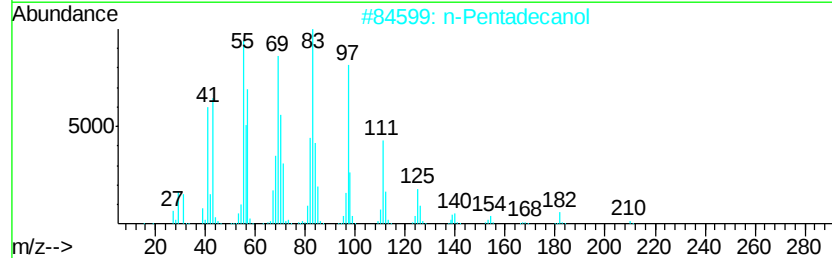
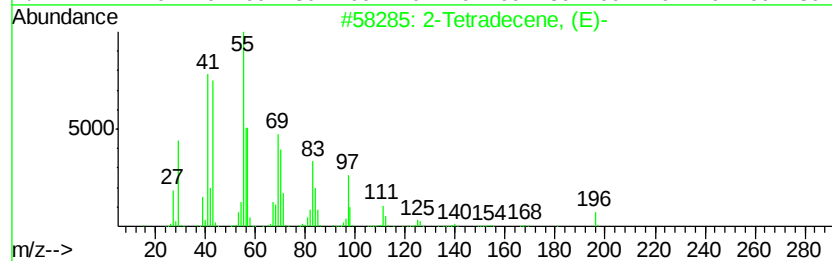
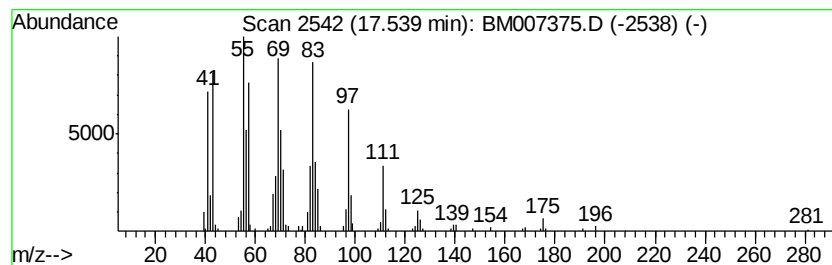
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic17.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	3.88 ng/ul	731743	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tetradecene, (E)-	196	C14H28	035953-54-9	93
2		n-Pentadecanol	228	C15H32O	000629-76-5	91
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4		Cyclotetradecane	196	C14H28	000295-17-0	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	91



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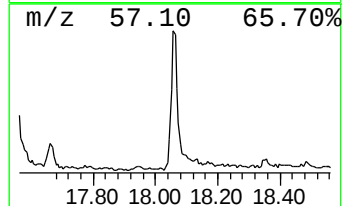
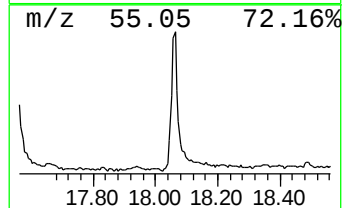
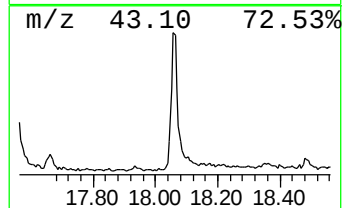
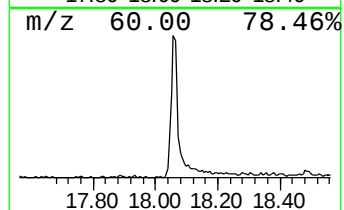
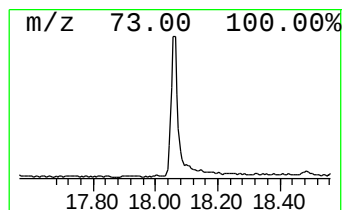
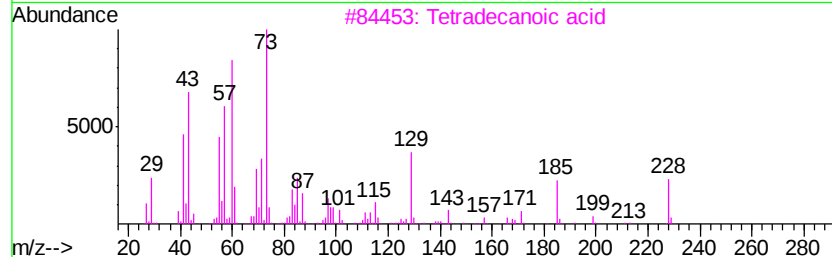
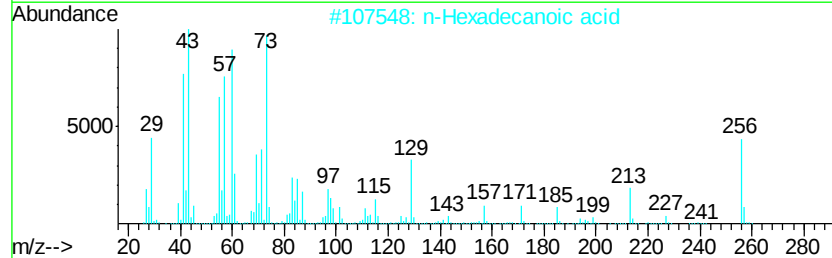
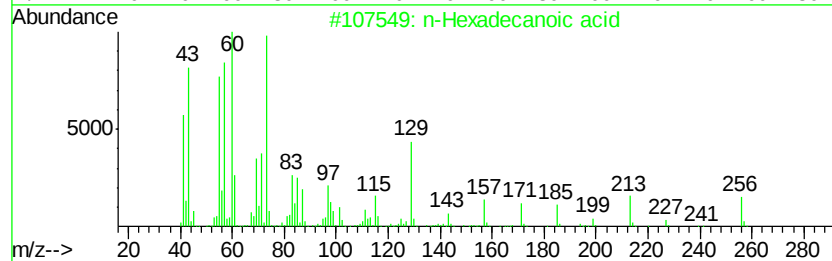
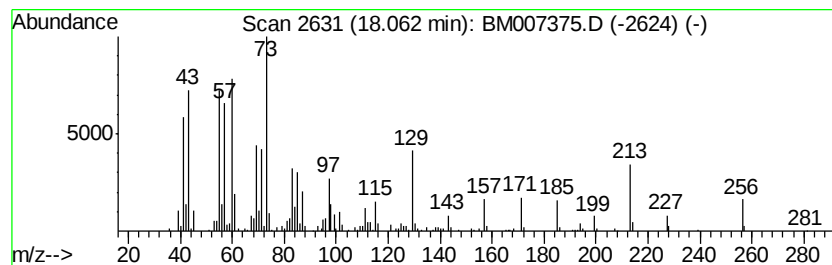
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	4.02 ng/ul	758417	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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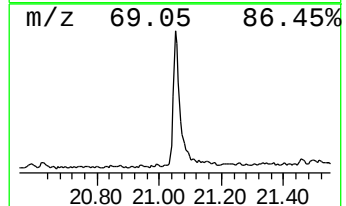
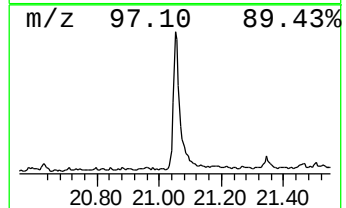
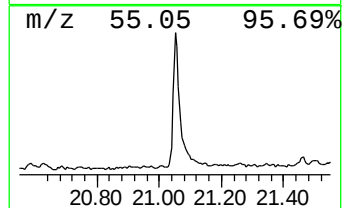
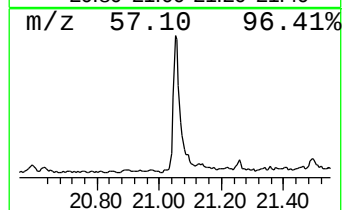
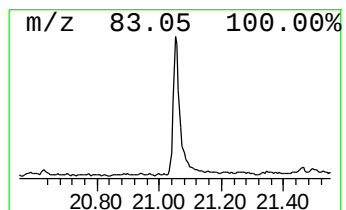
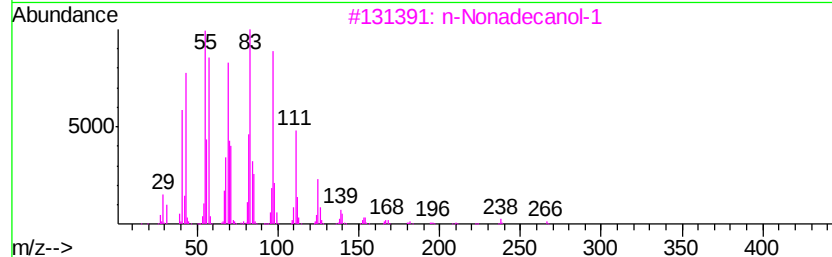
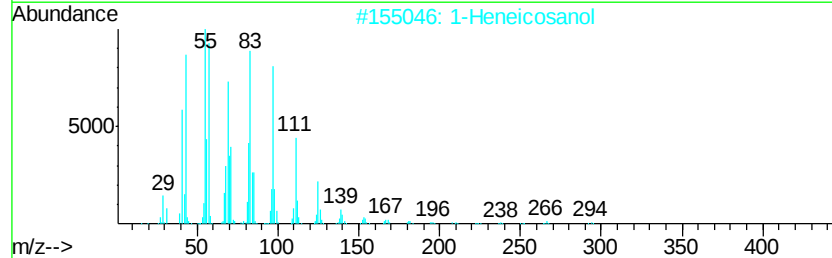
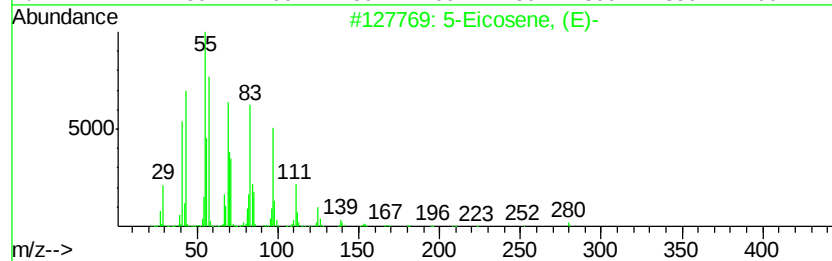
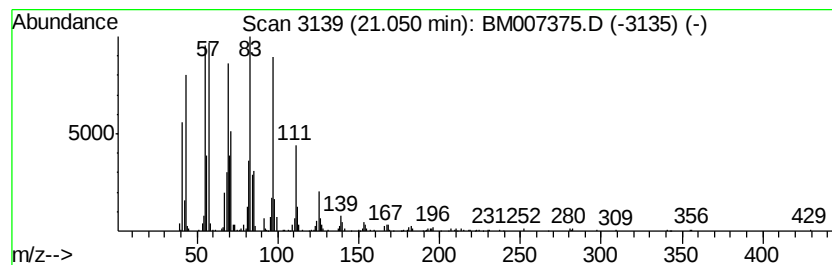
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Cyclic21.05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.34 ng/ul	936798	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		1-Heptacosanol	396	C27H56O	002004-39-9	93



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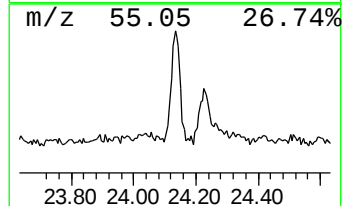
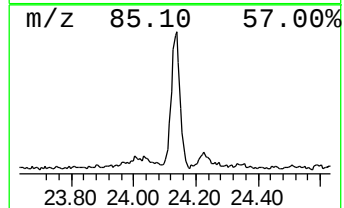
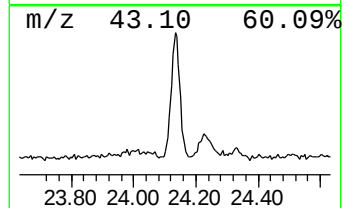
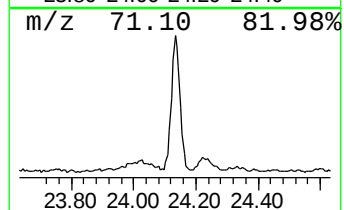
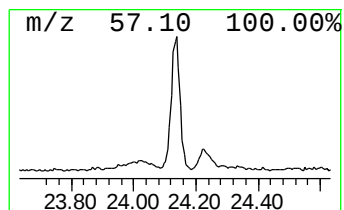
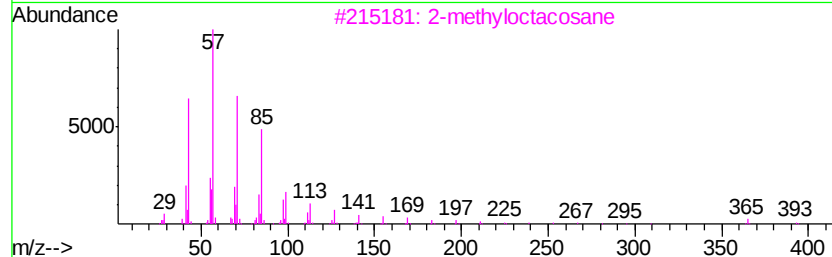
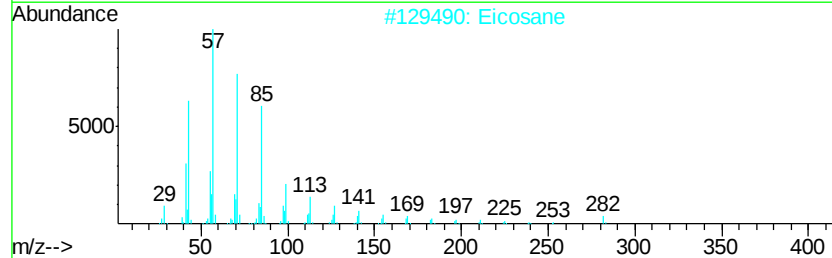
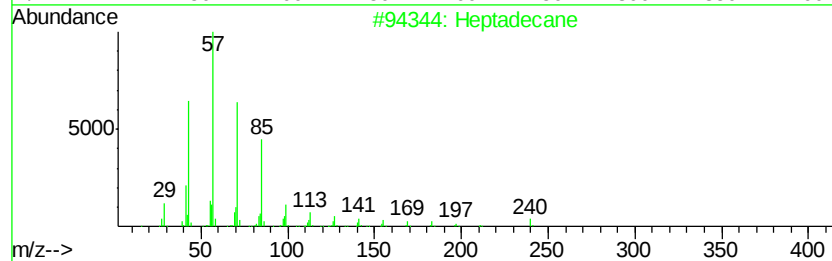
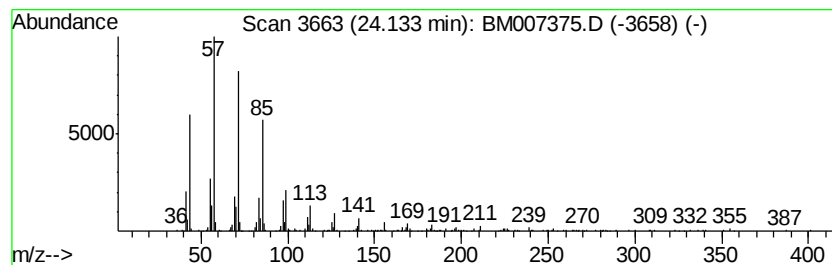
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.11 ng/ul	584909	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Eicosane	282	C20H42	000112-95-8	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



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ClientSampleId :
BD396

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Decanol, 2-hexyl-	16.93	7.8	ng/ul	1465470	4	17.17	3772130	20.0
(DEL) Alkane: Cyc...	17.54	3.9	ng/ul	731743	4	17.17	3772130	20.0
n-Hexadecanoic acid	18.06	4.0	ng/ul	758417	4	17.17	3772130	20.0
(DEL) Alkane: Cyc...	21.05	3.3	ng/ul	936798	5	21.34	5617960	20.0
(DEL) Alkane: Str...	24.13	2.1	ng/ul	584909	6	23.62	5549680	20.0