

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030120.D
 Acq On : 21 May 2021 19:38
 Operator : CG/JU
 Sample : M2474-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB404

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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_M\METHODS\SFAM-EPA-BM050721.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	3.040	23	26	31	rVB	16291	20102	0.43%	0.053%
2	3.657	127	131	137	rVB	14476	22831	0.49%	0.060%
3	3.740	143	145	149	rBV5	5418	7415	0.16%	0.019%
4	5.928	514	517	521	rVB4	3376	5342	0.11%	0.014%
5	6.710	645	650	664	rBV	69656	165373	3.56%	0.434%
6	6.863	670	676	693	rBV	359596	683892	14.70%	1.796%
7	7.045	702	707	730	rVB	422193	789645	16.98%	2.073%
8	7.510	778	786	798	rBV	425161	752638	16.18%	1.976%
9	8.234	903	909	929	rBV	259354	548965	11.80%	1.441%
10	8.669	976	983	1006	rBV	521139	984842	21.17%	2.586%
11	9.081	1049	1053	1058	rVB3	6790	9604	0.21%	0.025%
12	9.380	1098	1104	1119	rBV	428785	825608	17.75%	2.168%
13	9.922	1190	1196	1219	rBV	430207	1083774	23.30%	2.846%
14	10.280	1250	1257	1273	rBV	656425	1135098	24.40%	2.981%
15	10.498	1289	1294	1296	rBV5	6482	10656	0.23%	0.028%
16	11.910	1530	1534	1543	rBV2	6757	14772	0.32%	0.039%
17	12.510	1632	1636	1640	rVB7	4691	6199	0.13%	0.016%
18	12.769	1676	1680	1685	rVB4	6143	9068	0.19%	0.024%
19	13.063	1724	1730	1736	rVV6	5447	10495	0.23%	0.028%
20	13.586	1812	1819	1825	rBV	1429765	2058120	44.24%	5.404%
21	13.633	1825	1827	1840	rVB	55703	89969	1.93%	0.236%
22	13.851	1855	1864	1877	rBV	1699716	2455205	52.78%	6.447%
23	14.163	1909	1917	1929	rBV	1080734	1607569	34.56%	4.221%
24	14.468	1964	1969	1971	rBV5	9437	17628	0.38%	0.046%
25	14.980	2051	2056	2058	rBV2	6030	7536	0.16%	0.020%
26	15.162	2080	2087	2105	rBV	2144278	3196675	68.72%	8.394%
27	15.304	2105	2111	2125	rVV	762212	1216525	26.15%	3.194%
28	15.404	2125	2128	2140	rVB2	30710	62834	1.35%	0.165%
29	15.898	2208	2212	2217	rBV7	3283	5427	0.12%	0.014%
30	15.951	2217	2221	2227	rVB6	9431	14216	0.31%	0.037%
31	16.145	2250	2254	2260	rVB3	7409	11130	0.24%	0.029%
32	16.592	2328	2330	2336	rVB5	3542	4777	0.10%	0.013%
33	16.909	2378	2384	2394	rBV	1322453	1848411	39.74%	4.854%
34	17.009	2395	2401	2418	rVV	2723057	3887391	83.57%	10.207%

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35	17.215	2433	2436	2442	rVB5	5740	10739	0.23%	0.028%
36	17.586	2496	2499	2507	rVB7	4819	8270	0.18%	0.022%
37	17.821	2534	2539	2549	rBV2	113165	213106	4.58%	0.560%
38	17.892	2549	2551	2554	rVB3	10660	11852	0.25%	0.031%
39	18.033	2571	2575	2579	rBV4	11849	13989	0.30%	0.037%
40	18.950	2727	2731	2738	rBV	25358	39370	0.85%	0.103%
41	19.115	2755	2759	2768	rBV3	32616	65558	1.41%	0.172%
42	19.198	2770	2773	2781	rVB	23707	36014	0.77%	0.095%
43	19.309	2786	2792	2807	rBV	3571776	4651774	100.00%	12.215%
44	20.827	3046	3050	3060	rBV	284928	464745	9.99%	1.220%
45	21.103	3092	3097	3112	rBV	1437454	1999441	42.98%	5.250%
46	22.121	3267	3270	3277	rBV	75534	95815	2.06%	0.252%
47	22.603	3349	3352	3357	rVB	109119	144543	3.11%	0.380%
48	23.109	3431	3438	3450	rBV	2276122	4307340	92.60%	11.310%
49	23.244	3455	3461	3481	rVB2	961486	1878296	40.38%	4.932%
50	23.738	3542	3545	3553	rVB	172903	290327	6.24%	0.762%
51	24.438	3660	3664	3671	rVB2	149449	283083	6.09%	0.743%

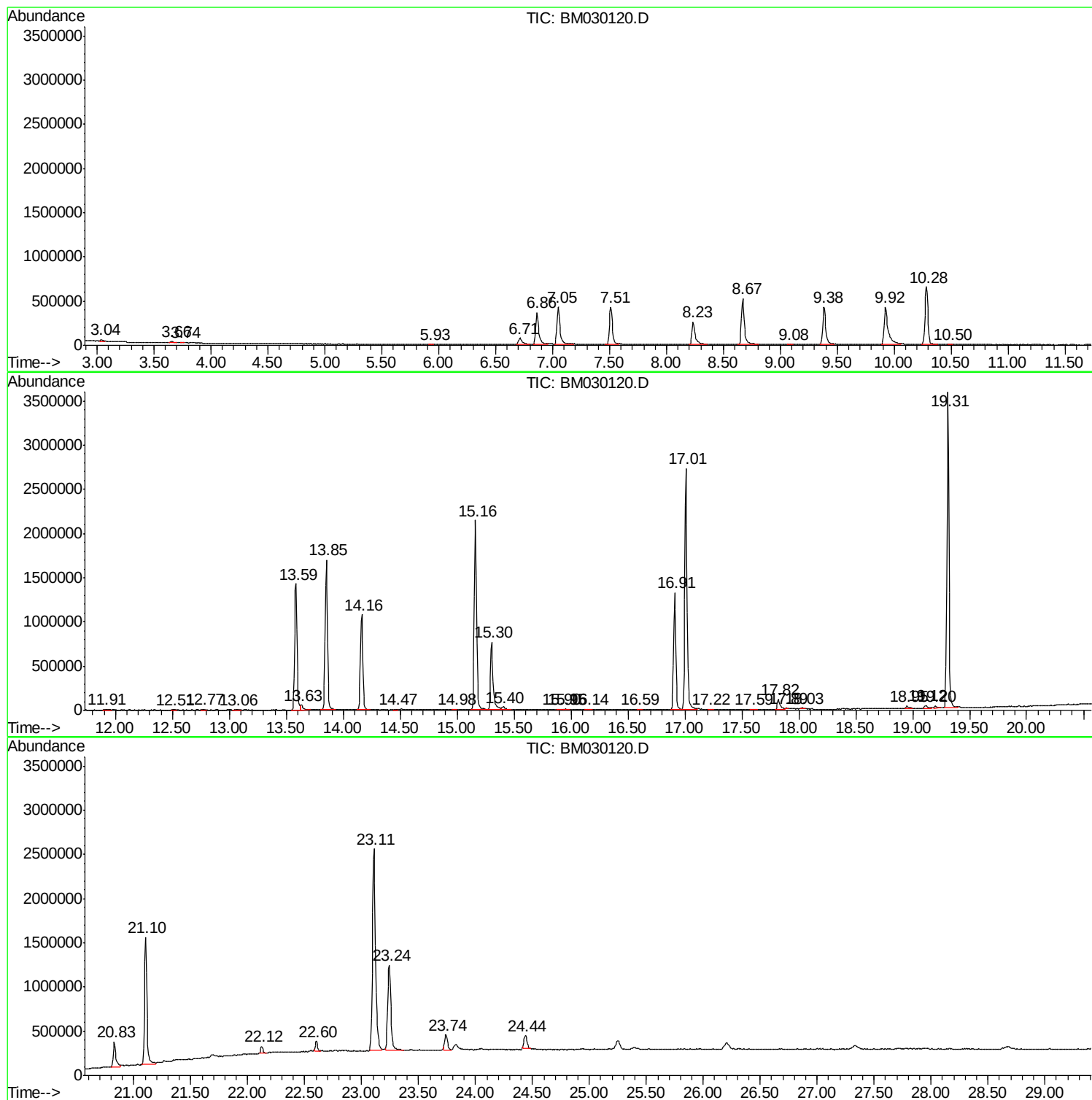
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Quant Title : SVOA CALIBRATION

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



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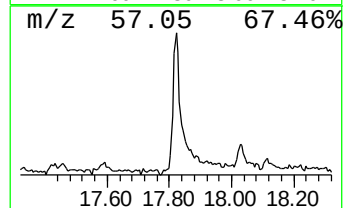
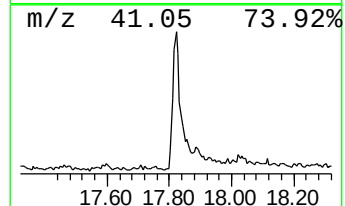
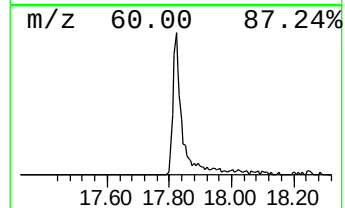
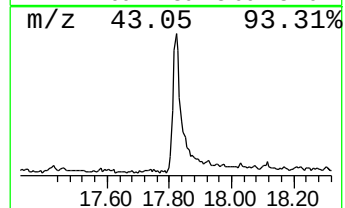
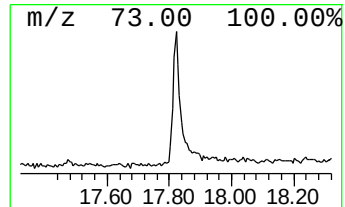
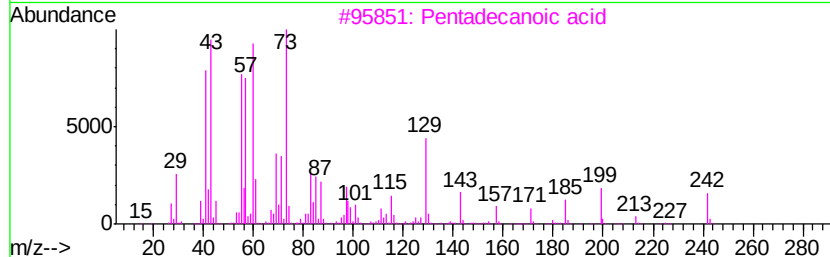
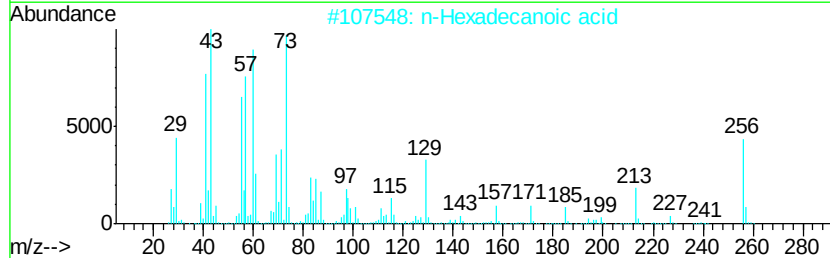
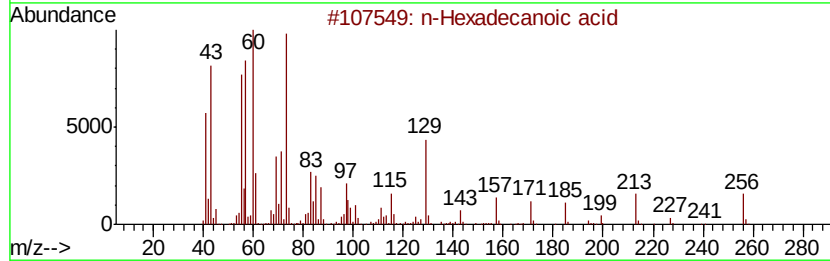
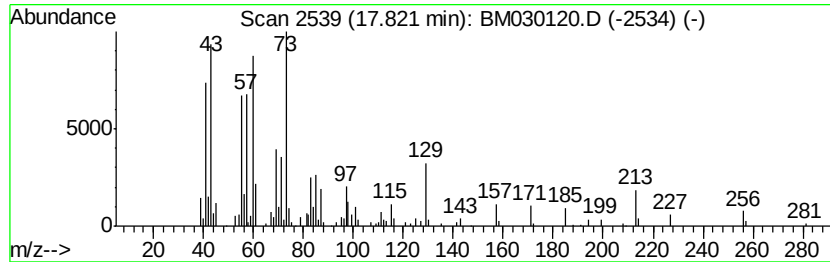
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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.	
17.82	2.31 ng/ul	213106	Phenanthrene-d10	16.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



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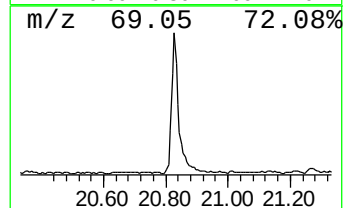
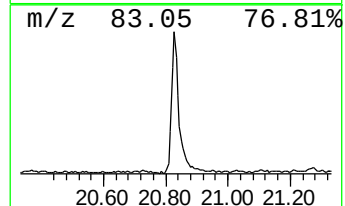
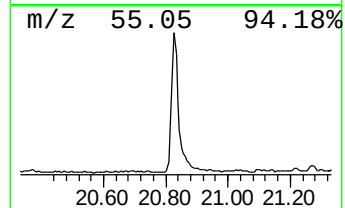
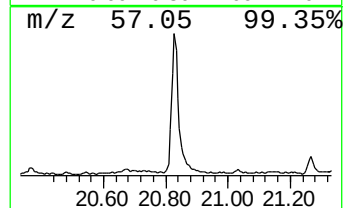
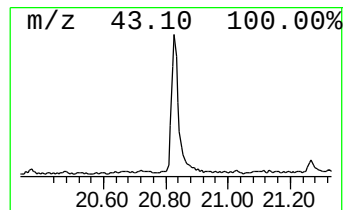
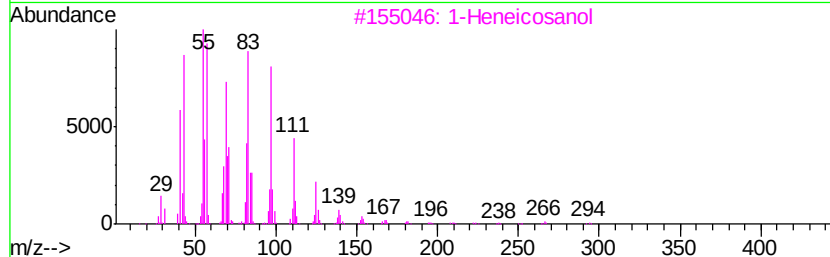
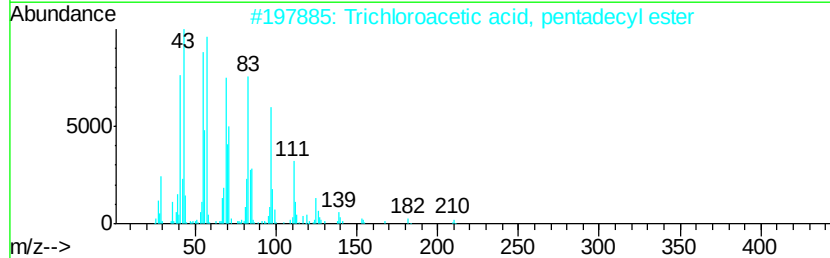
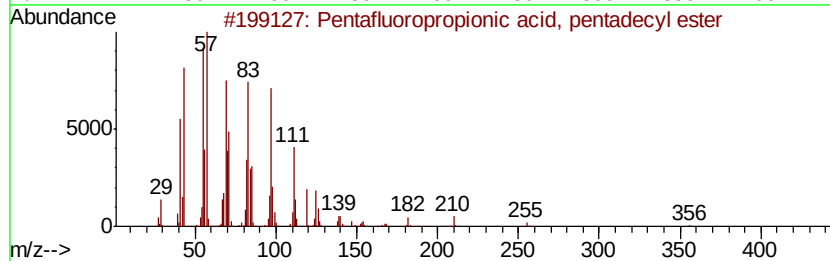
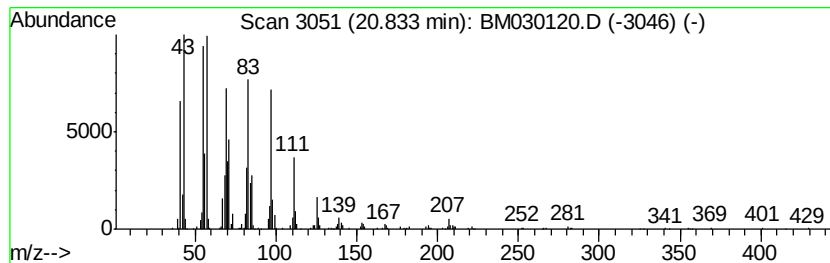
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Peak Number 2 Pentafluoropropionic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.83	4.65 ng/ul	464745	Chrysene-d12		21.10	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		1-Docosene	308	C22H44	001599-67-3	93
5		Trifluoroacetoxyl hexadecane	338	C18H33F3O2	006222-03-3	93



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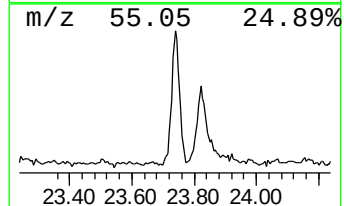
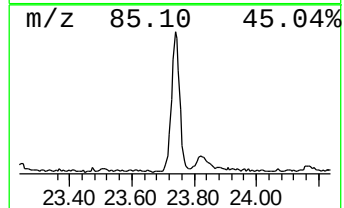
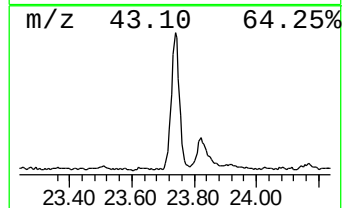
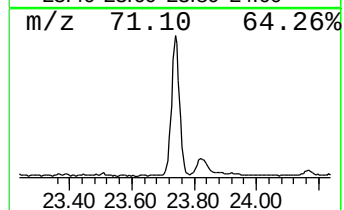
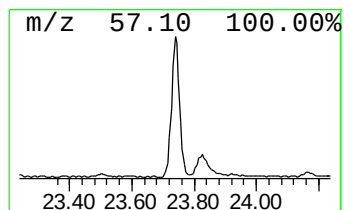
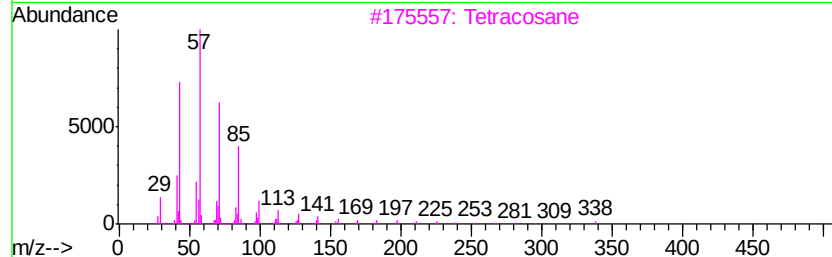
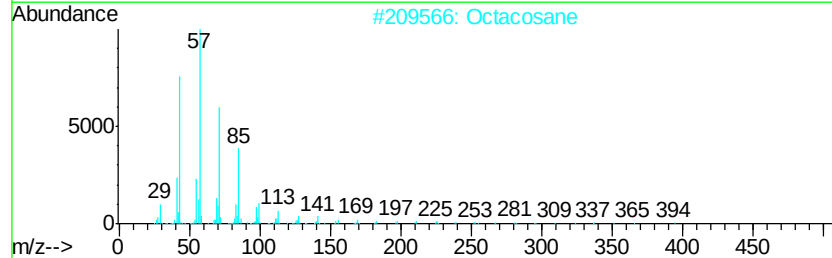
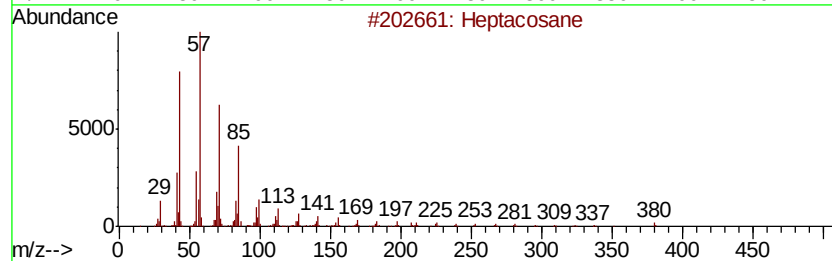
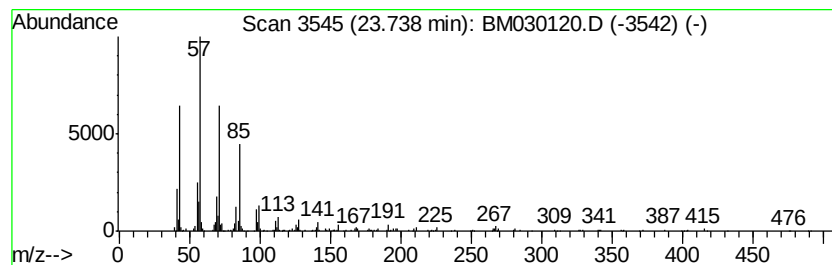
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.09 ng/ul	290327	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hentriacontane	437	C31H64	000630-04-6	86
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86



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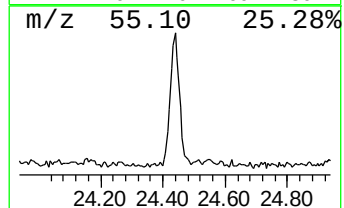
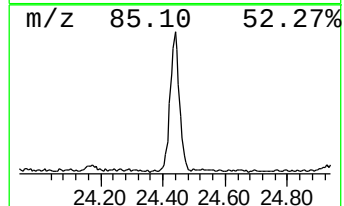
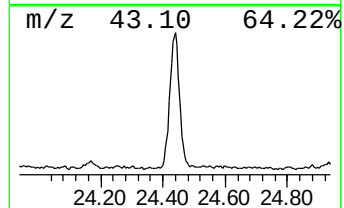
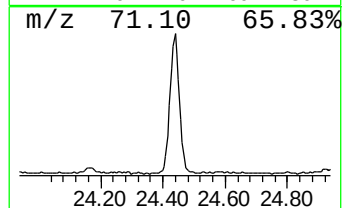
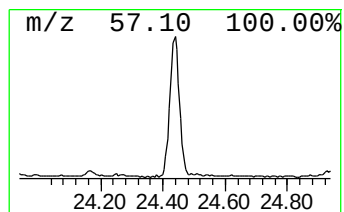
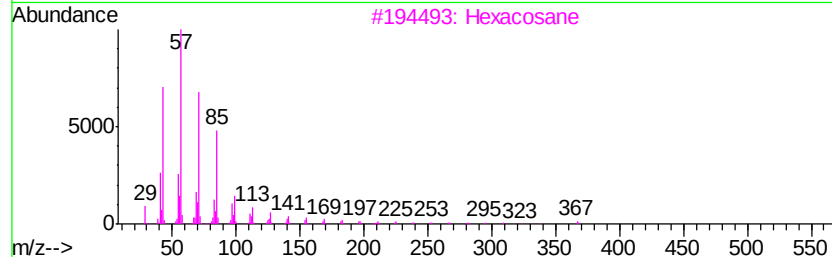
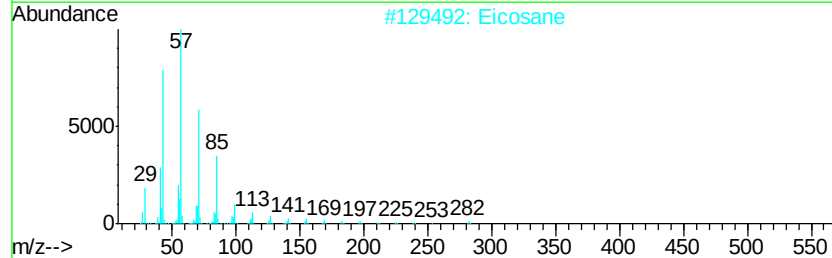
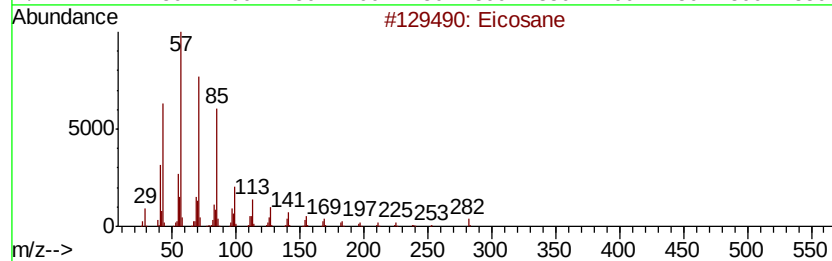
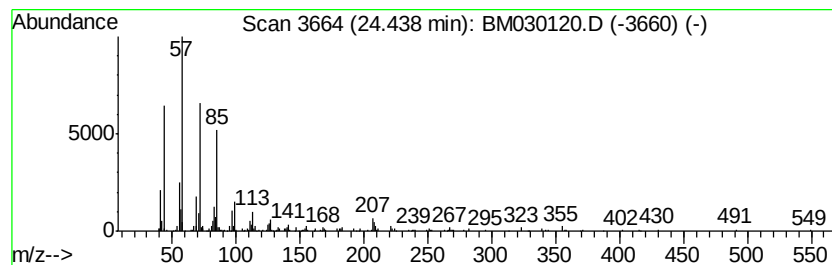
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.44	3.01 ng/ul	283083	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
5		Octacosane	394	C28H58	000630-02-4	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	2.3	ng/ul	213106	4	16.91	1848410	20.0
Pentafluoropropio...	20.83	4.7	ng/ul	464745	5	21.10	1999440	20.0
(DEL) Alkane: Str...	23.74	3.1	ng/ul	290327	6	23.24	1878300	20.0
(DEL) Alkane: Str...	24.44	3.0	ng/ul	283083	6	23.24	1878300	20.0