

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030099.D
 Acq On : 20 May 2021 20:57
 Operator : CG/JU
 Sample : M2463-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB3Z3

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	33	rBV2	14186	17950	0.54%	0.057%
2	3.657	128	131	139	rVB3	14524	23294	0.70%	0.074%
3	3.746	144	146	153	rVB5	8770	11762	0.35%	0.037%
4	4.257	228	233	245	rVB	93934	150580	4.53%	0.480%
5	4.675	302	304	308	rBV4	3912	3816	0.11%	0.012%
6	6.657	636	641	645	rBV	12673	18063	0.54%	0.058%
7	6.716	645	651	670	rBV	74474	185037	5.56%	0.589%
8	6.863	670	676	696	rBV	358300	675215	20.30%	2.151%
9	7.051	702	708	732	rVB	439883	802952	24.14%	2.558%
10	7.510	780	786	800	rBV	412799	728714	21.91%	2.321%
11	8.234	904	909	929	rBV	253302	536078	16.12%	1.708%
12	8.669	977	983	1001	rBV	481517	922468	27.74%	2.938%
13	8.857	1013	1015	1021	rVB5	3960	5816	0.17%	0.019%
14	9.081	1049	1053	1058	rVB	15157	21688	0.65%	0.069%
15	9.387	1096	1105	1123	rBV	409077	788325	23.70%	2.511%
16	9.928	1190	1197	1223	rBV	386070	1029602	30.96%	3.279%
17	10.286	1244	1258	1271	rBV	606958	1094811	32.92%	3.487%
18	10.498	1288	1294	1295	rBV5	5817	6607	0.20%	0.021%
19	11.569	1470	1476	1482	rVB4	6680	11485	0.35%	0.037%
20	11.916	1528	1535	1542	rBV5	6688	15278	0.46%	0.049%
21	12.510	1629	1636	1642	rBV4	3670	6396	0.19%	0.020%
22	12.775	1674	1681	1685	rVB3	5438	9853	0.30%	0.031%
23	13.069	1729	1731	1738	rVB5	4785	6629	0.20%	0.021%
24	13.586	1813	1819	1825	rBV	1304174	1822446	54.80%	5.805%
25	13.633	1825	1827	1836	rVV	57183	92832	2.79%	0.296%
26	13.698	1836	1838	1843	rVB4	3824	5031	0.15%	0.016%
27	13.851	1858	1864	1883	rBV	1484669	2180276	65.56%	6.945%
28	14.163	1911	1917	1936	rVB	957698	1419051	42.67%	4.520%
29	14.486	1964	1972	1974	rBV6	8224	19100	0.57%	0.061%
30	14.627	1994	1996	2003	rVB6	3106	6025	0.18%	0.019%
31	14.980	2051	2056	2060	rBV	17531	25722	0.77%	0.082%
32	15.033	2063	2065	2069	rVB3	5050	5777	0.17%	0.018%
33	15.163	2080	2087	2100	rBV	1939156	2767675	83.22%	8.816%
34	15.304	2106	2111	2125	rBV	565065	921514	27.71%	2.935%

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35	15.410	2125	2129	2140	rVB3	29008	53817	1.62%	0.171%
36	15.898	2209	2212	2219	rBV3	9936	15889	0.48%	0.051%
37	15.951	2219	2221	2228	rVB6	6811	9131	0.27%	0.029%
38	16.063	2238	2240	2244	rBV5	3216	4212	0.13%	0.013%
39	16.598	2328	2331	2335	rVB5	2778	3498	0.11%	0.011%
40	16.692	2343	2347	2353	rBV3	9087	17540	0.53%	0.056%
41	16.910	2378	2384	2395	rBV	1030260	1476668	44.40%	4.703%
42	17.010	2395	2401	2418	rVV	2021447	3018317	90.76%	9.614%
43	17.215	2433	2436	2441	rBV3	6508	9580	0.29%	0.031%
44	17.427	2467	2472	2476	rBV5	7361	10474	0.31%	0.033%
45	17.598	2496	2501	2509	rVB9	7697	14531	0.44%	0.046%
46	17.715	2516	2521	2523	rVB5	2444	4589	0.14%	0.015%
47	17.827	2534	2540	2547	rBV	106990	198657	5.97%	0.633%
48	18.115	2585	2589	2595	rVB5	6565	8882	0.27%	0.028%
49	18.692	2685	2687	2690	rBV4	3174	3696	0.11%	0.012%
50	18.951	2728	2731	2737	rBV	17984	27697	0.83%	0.088%
51	19.115	2754	2759	2768	rBV2	36215	75935	2.28%	0.242%
52	19.204	2770	2774	2781	rVB	19055	27964	0.84%	0.089%
53	19.309	2786	2792	2803	rBV	2443219	3325643	100.00%	10.593%
54	19.845	2881	2883	2886	rBV3	7603	7537	0.23%	0.024%
55	20.833	3046	3051	3060	rBV	218646	361856	10.88%	1.153%
56	21.103	3092	3097	3108	rBV	932846	1399883	42.09%	4.459%
57	22.603	3349	3352	3357	rVB2	88792	120423	3.62%	0.384%
58	23.109	3432	3438	3450	rBV	1767345	3268653	98.29%	10.411%
59	23.244	3456	3461	3471	rVB	724925	1381180	41.53%	4.399%
60	23.744	3543	3546	3554	rVB2	125367	211050	6.35%	0.672%

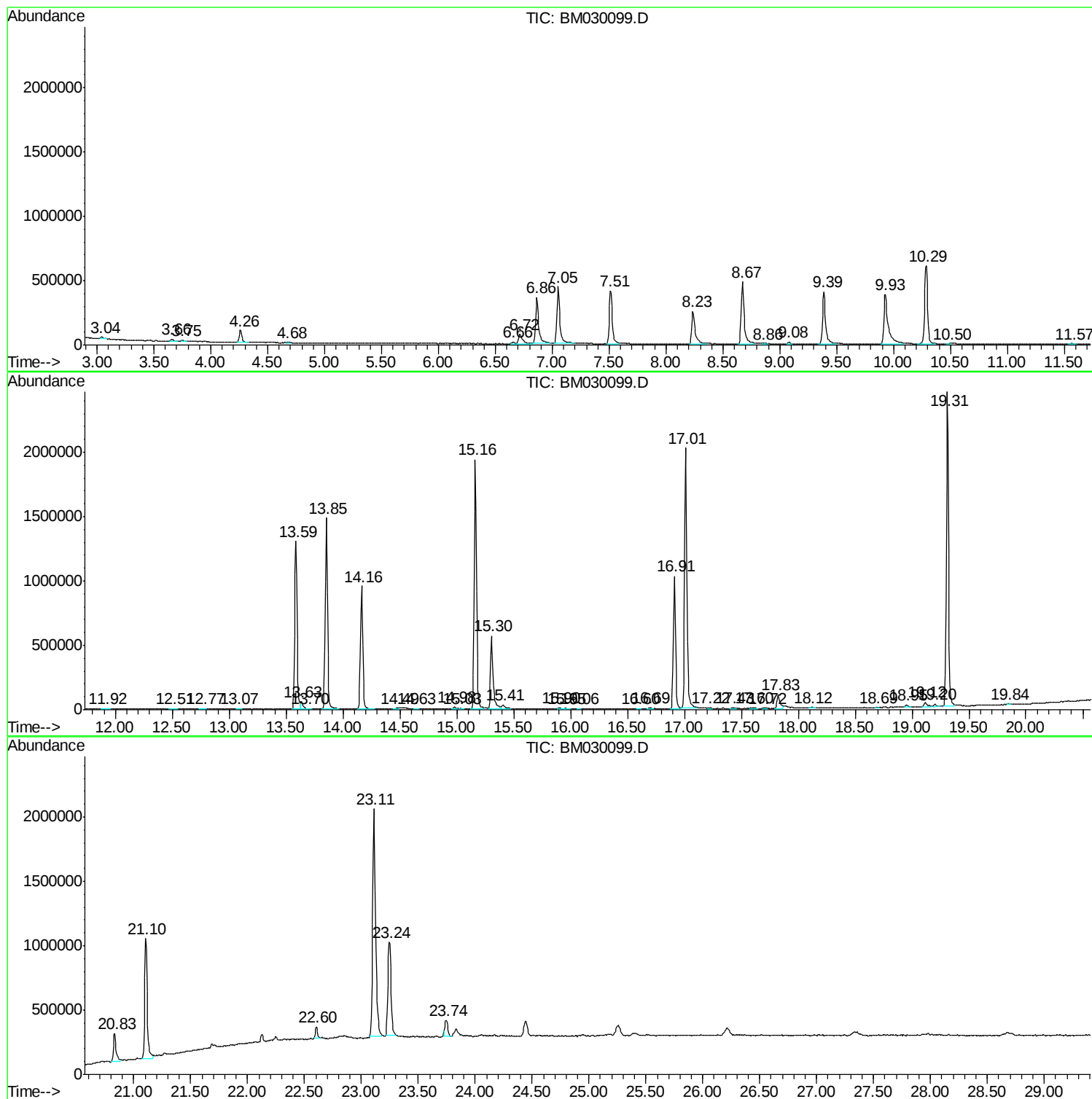
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TIC Library : C:\DATABASE\NIST11.L
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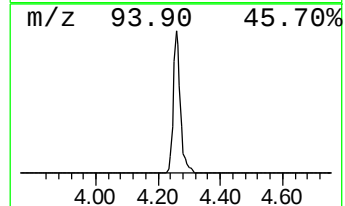
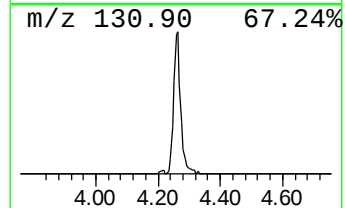
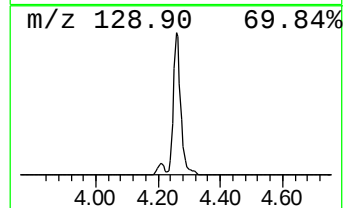
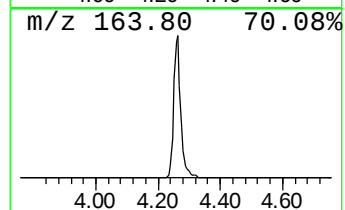
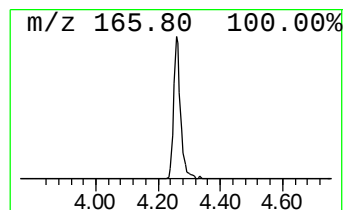
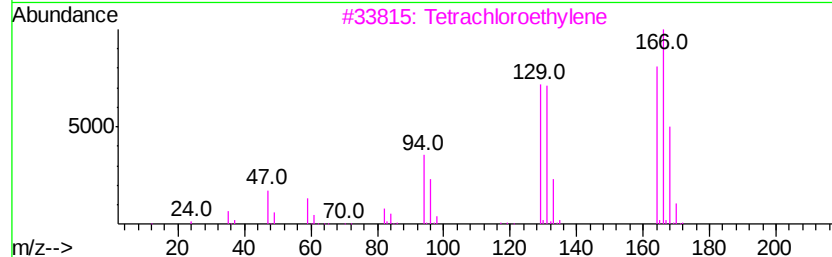
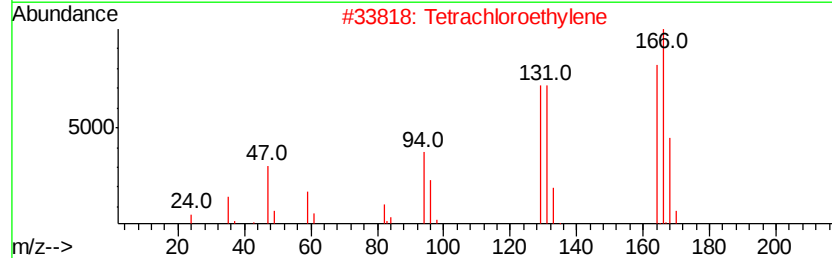
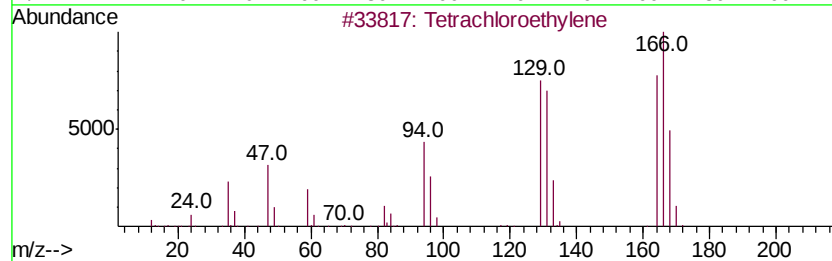
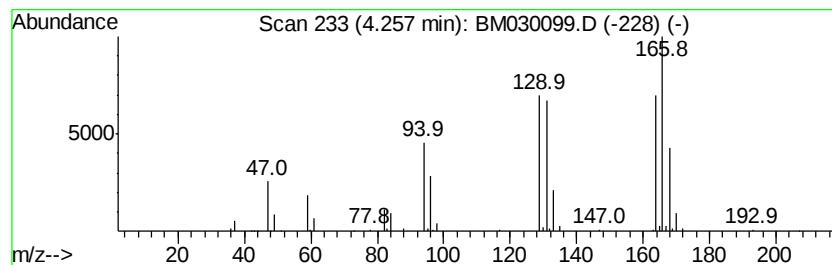
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetrachloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	4.13 ng/ul	150580	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2		Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3		Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4		Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	43



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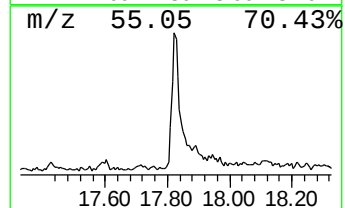
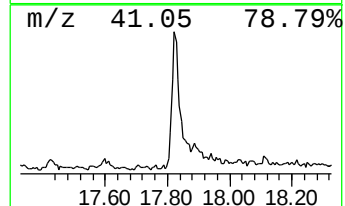
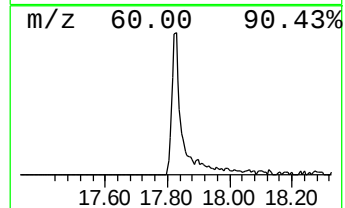
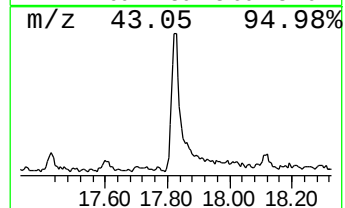
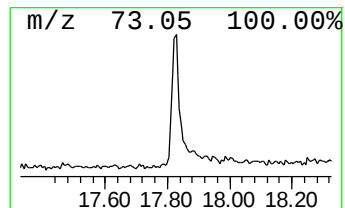
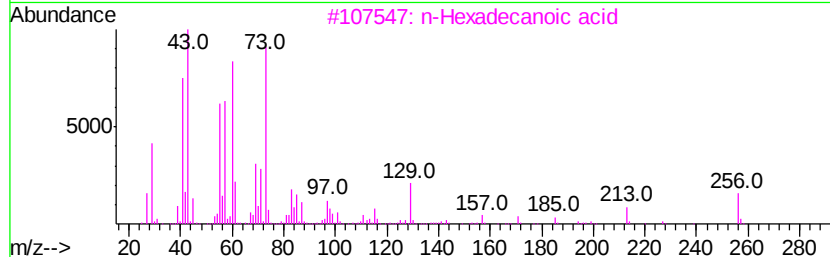
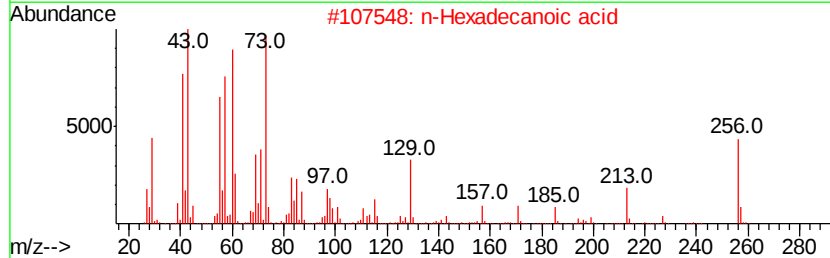
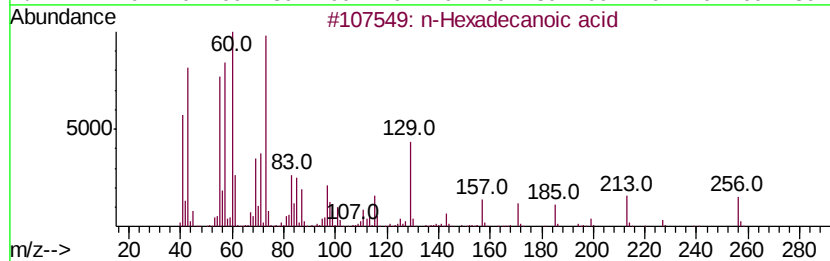
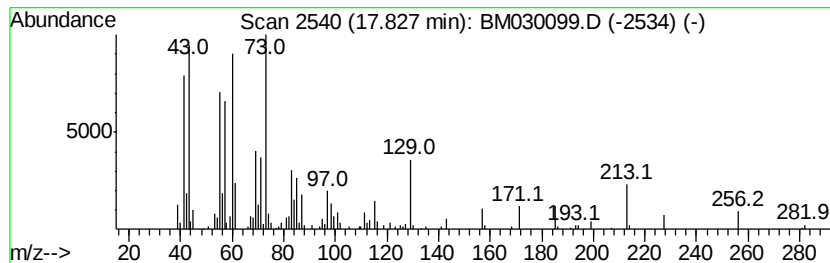
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.69 ng/ul	198657	Phenanthrene-d10	16.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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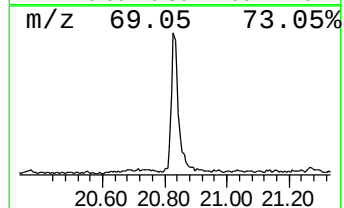
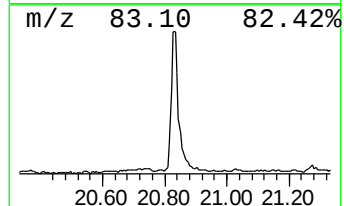
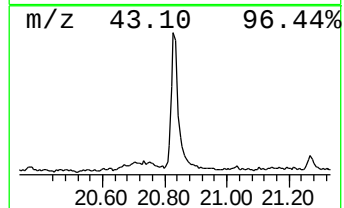
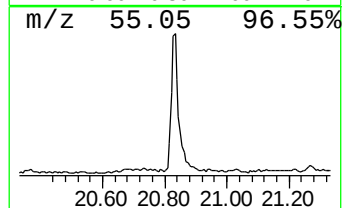
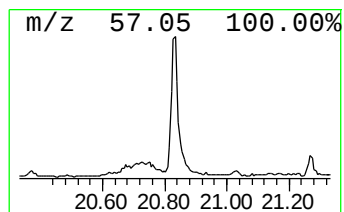
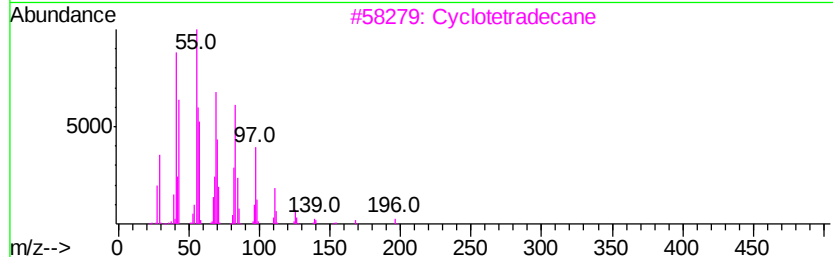
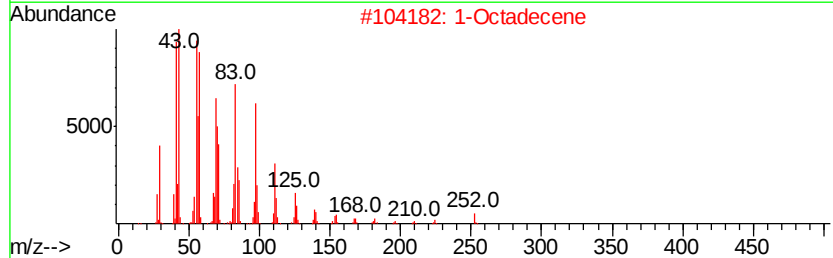
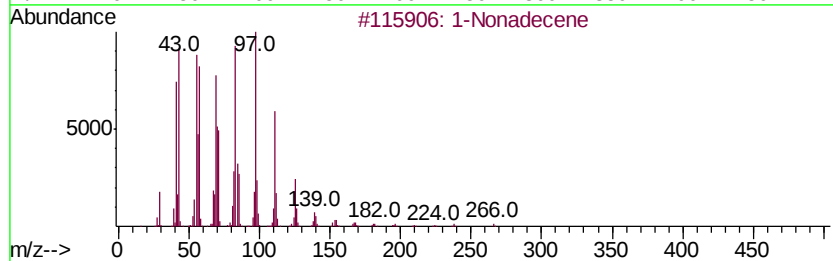
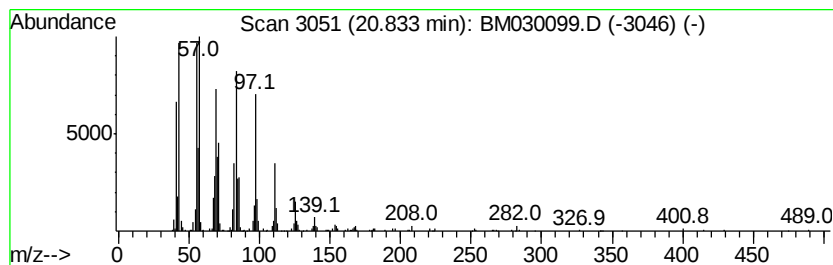
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.17 ng/ul	361856	Chrysene-d12	21.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	98
2			1-Octadecene	252	C18H36	000112-88-9	97
3			Cyclotetradecane	196	C14H28	000295-17-0	95
4			Cyclotetracosane	336	C24H48	000297-03-0	94
5			1-Heneicosanol	312	C21H44O	015594-90-8	94



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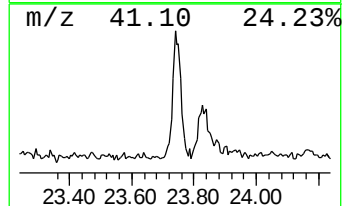
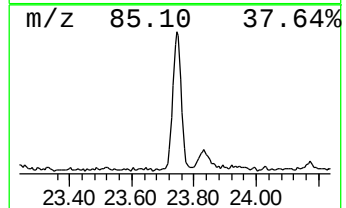
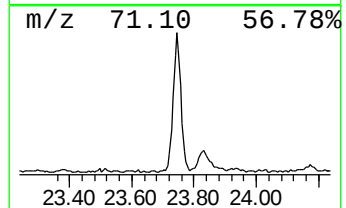
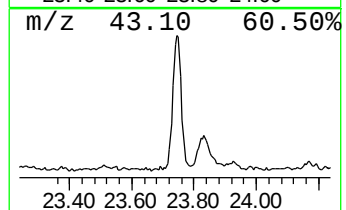
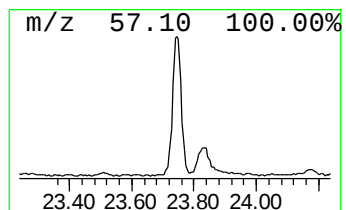
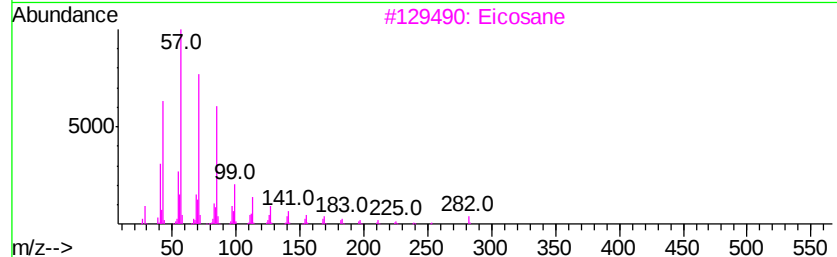
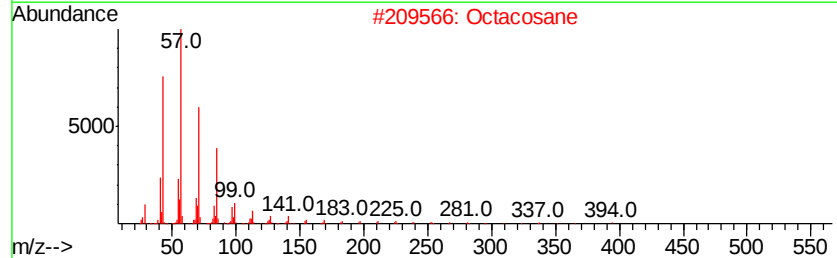
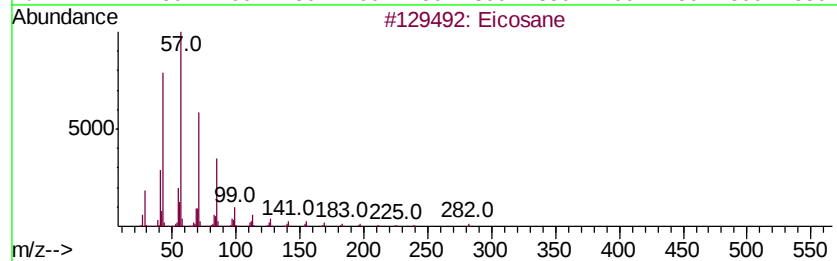
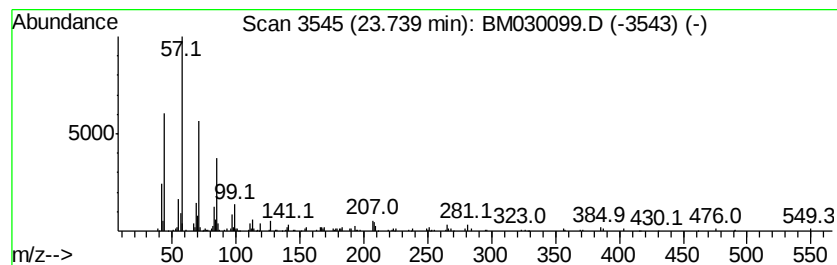
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.06 ng/ul	211050	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Pentacosane	352	C25H52	000629-99-2	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetrachloroethylene	4.26	4.1	ng/ul	150580	1	7.51	728714	20.0
n-Hexadecanoic acid	17.83	2.7	ng/ul	198657	4	16.91	1476670	20.0
(DEL) Alkane: Str...	20.83	5.2	ng/ul	361856	5	21.10	1399880	20.0
(DEL) Alkane: Str...	23.74	3.1	ng/ul	211050	6	23.24	1381180	20.0