

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029830.D
 Acq On : 05 May 2021 17:07
 Operator : CG/JU
 Sample : M2129-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9

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-BM050421.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	6.751	653	657	670	rVB2	156006	329810	3.65%	1.266%
2	6.916	680	685	697	rVB	136855	259657	2.87%	0.997%
3	7.104	712	717	727	rVB2	208423	367581	4.06%	1.411%
4	7.563	790	795	807	rVB	262961	463335	5.12%	1.779%
5	8.286	913	918	932	rBV	127959	269973	2.99%	1.036%
6	8.722	987	992	1006	rBV	163846	319363	3.53%	1.226%
7	9.439	1108	1114	1126	rBV	122581	240833	2.66%	0.924%
8	9.980	1200	1206	1231	rBV	166518	386916	4.28%	1.485%
9	10.339	1260	1267	1280	rBV	371639	658470	7.28%	2.528%
10	10.498	1288	1294	1320	rBV	90922	279748	3.09%	1.074%
11	10.886	1355	1360	1366	rBV4	11388	20660	0.23%	0.079%
12	13.633	1821	1827	1832	rVV	452331	663246	7.33%	2.546%
13	13.680	1832	1835	1844	rVB	47312	82269	0.91%	0.316%
14	13.904	1863	1873	1890	rBV	540299	847813	9.38%	3.254%
15	14.210	1919	1925	1935	rBV	520623	801955	8.87%	3.078%
16	14.468	1962	1969	1973	rBV4	22696	56438	0.62%	0.217%
17	15.210	2088	2095	2113	rBV	703300	1089964	12.05%	4.184%
18	15.345	2113	2118	2132	rVV	132450	230037	2.54%	0.883%
19	15.451	2132	2136	2140	rVV4	9884	18574	0.21%	0.071%
20	15.962	2216	2223	2228	rVV3	13046	30355	0.34%	0.117%
21	16.198	2260	2263	2268	rVB2	8408	11934	0.13%	0.046%
22	16.739	2352	2355	2360	rVV6	6214	10581	0.12%	0.041%
23	16.956	2386	2392	2403	rBV	592777	884171	9.78%	3.394%
24	17.056	2403	2409	2425	rVB	825428	1208885	13.37%	4.640%
25	17.868	2542	2547	2556	rBV2	41719	75365	0.83%	0.289%
26	18.162	2591	2597	2601	rBV8	9225	16736	0.19%	0.064%
27	18.627	2671	2676	2680	rVB	15765	22532	0.25%	0.086%
28	18.803	2702	2706	2709	rVV6	6806	10062	0.11%	0.039%
29	18.909	2720	2724	2729	rBV7	7946	14090	0.16%	0.054%
30	19.021	2739	2743	2748	rVB2	34254	49216	0.54%	0.189%
31	19.156	2763	2766	2772	rBV6	13095	20339	0.22%	0.078%
32	19.245	2777	2781	2785	rBV3	8219	11518	0.13%	0.044%
33	19.356	2794	2800	2809	rBV	1087414	1559823	17.25%	5.988%
34	19.915	2893	2895	2899	rVB5	8977	10042	0.11%	0.039%

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Integration Parameters: LSCINT.P

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35	20.874	3054	3058	3070	rBV	133375	245289	2.71%	0.942%
36	21.144	3099	3104	3116	rBV	764645	1103299	12.20%	4.235%
37	21.750	3200	3207	3218	rBV3	146746	402840	4.45%	1.546%
38	22.662	3357	3362	3367	rBV2	260556	389650	4.31%	1.496%
39	23.168	3442	3448	3462	rVB	988197	1913874	21.16%	7.347%
40	23.303	3465	3471	3486	rVB2	663405	1296861	14.34%	4.978%
41	23.821	3554	3559	3568	rVB	177843	333607	3.69%	1.281%
42	29.314	4480	4493	4505	rBV3	2201052	9043246	100.00%	34.714%

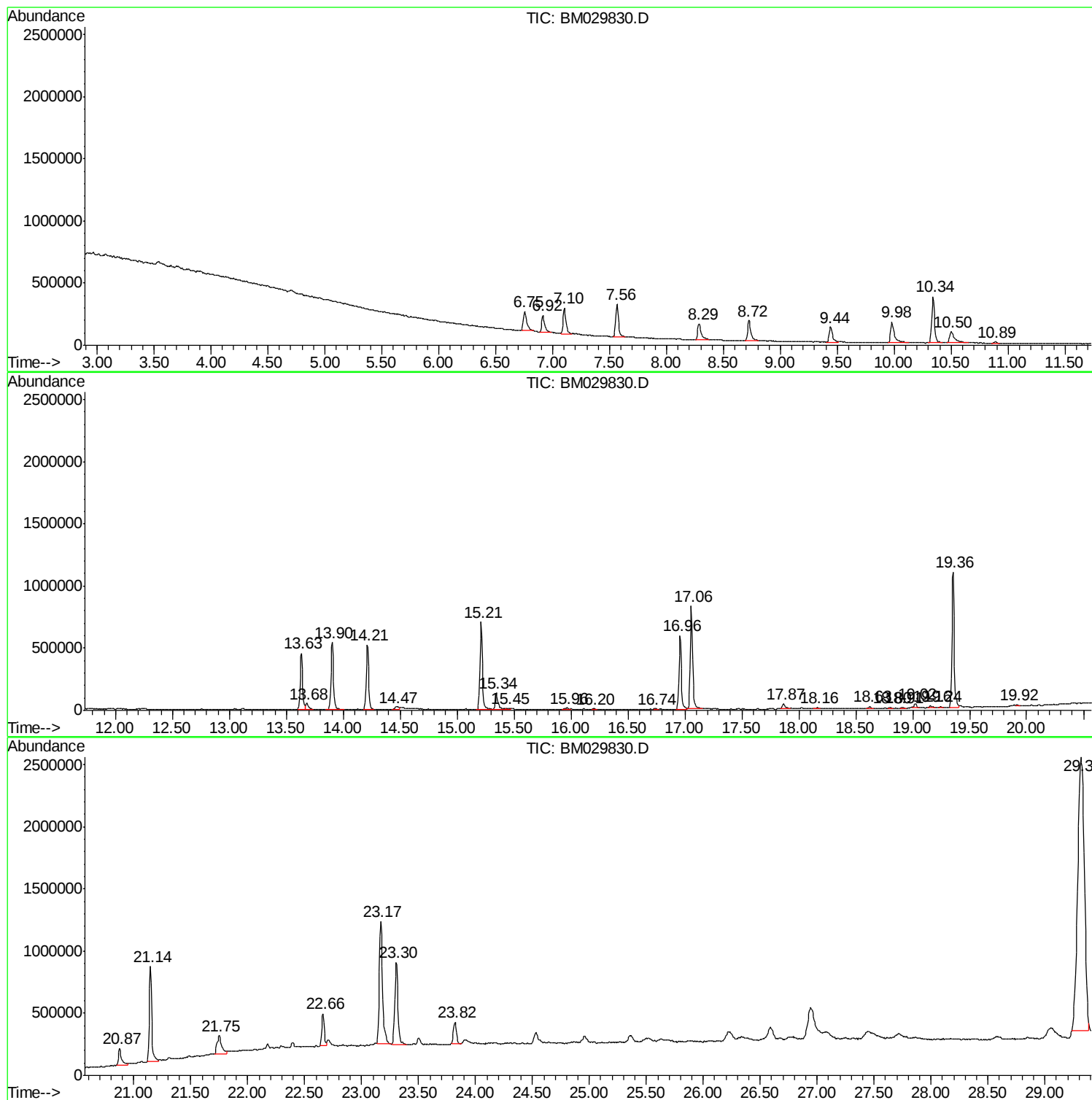
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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



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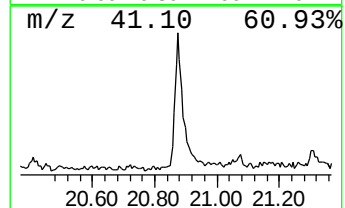
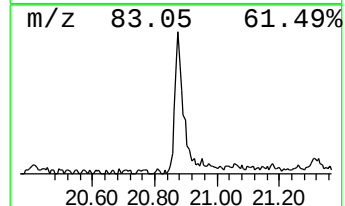
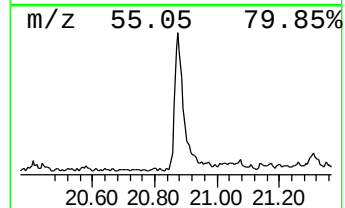
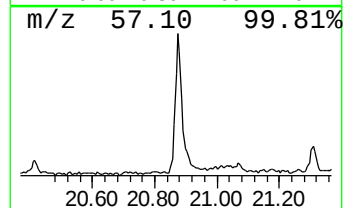
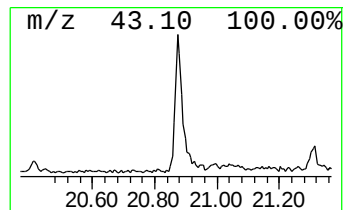
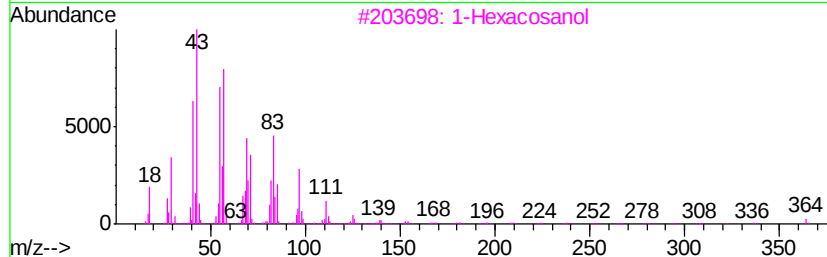
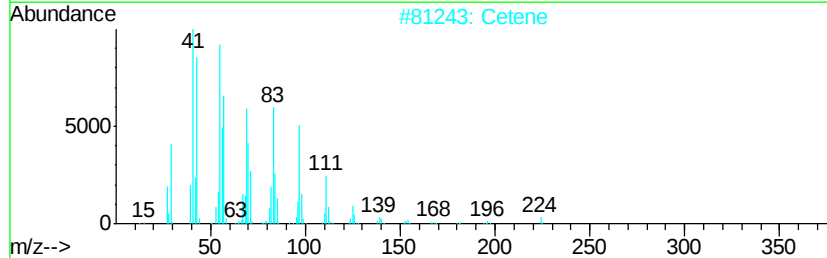
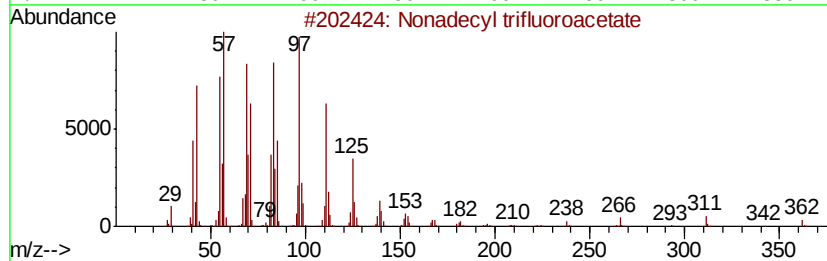
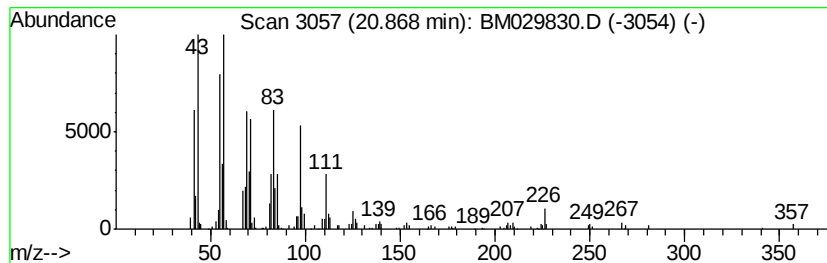
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Nonadecyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.45 ng/ul	245289	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
2		Cetene	224	C16H32	000629-73-2	83
3		1-Hexacosanol	382	C26H54O	000506-52-5	76
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	70
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	70



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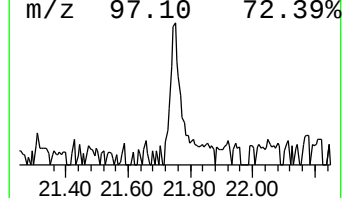
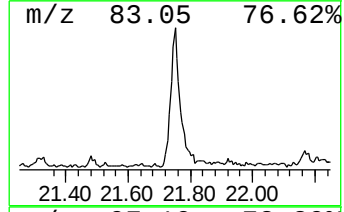
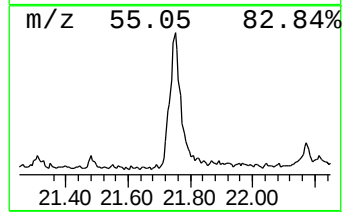
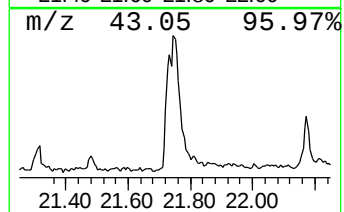
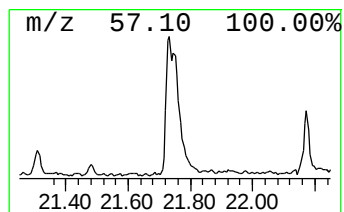
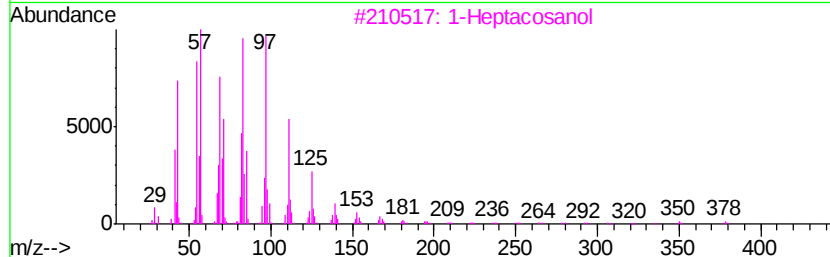
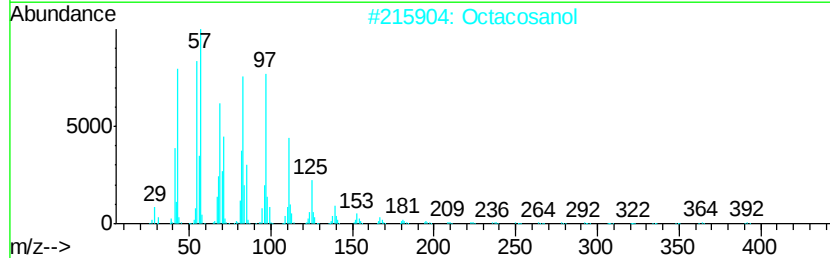
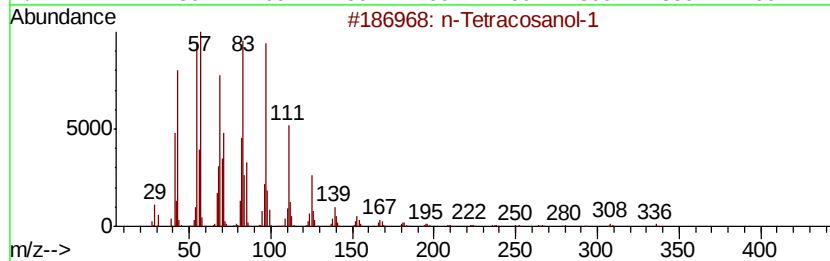
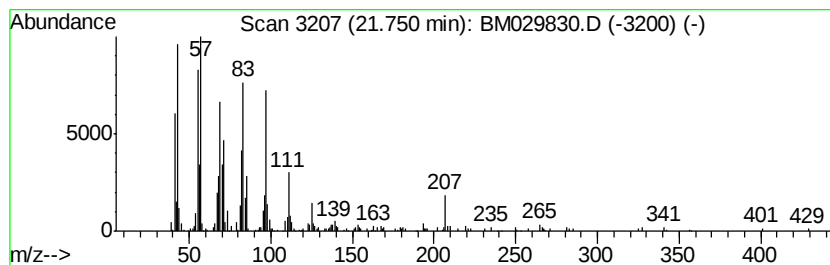
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Peak Number 2 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	7.30 ng/ul	402840	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2			Octacosanol	410	C28H58O	000557-61-9	91
3			1-Heptacosanol	396	C27H56O	002004-39-9	91
4			1-Nonadecene	266	C19H38	018435-45-5	91
5			1-Nonadecene	266	C19H38	018435-45-5	83



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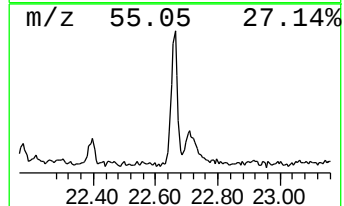
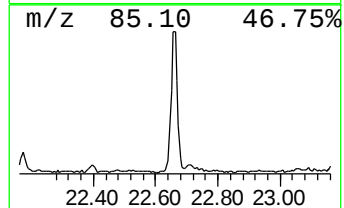
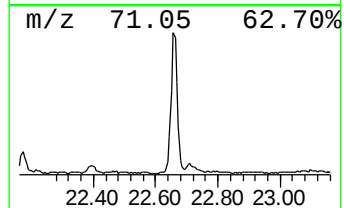
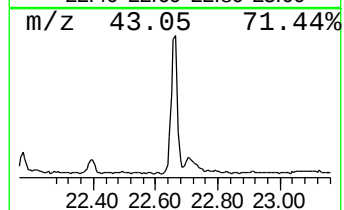
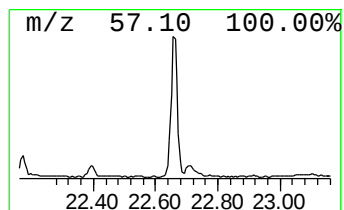
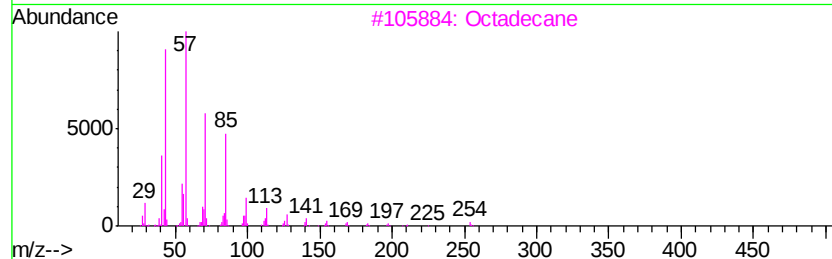
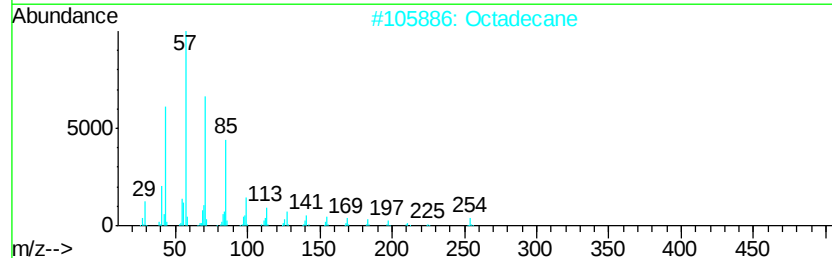
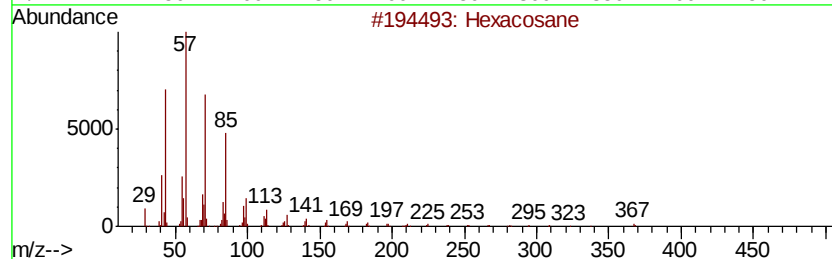
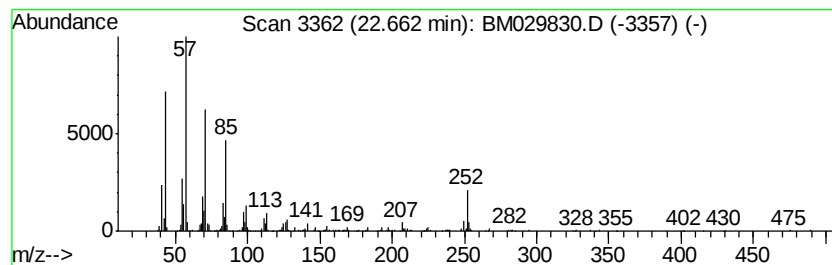
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	6.01 ng/ul	389650	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Octadecane	254	C18H38	000593-45-3	92
3		Octadecane	254	C18H38	000593-45-3	83
4		Tetracosane	338	C24H50	000646-31-1	81
5		Hexatriacontane	507	C36H74	000630-06-8	81



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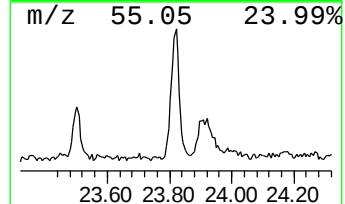
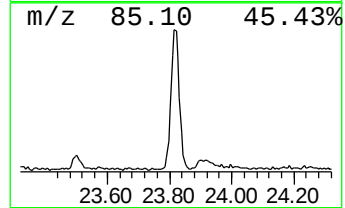
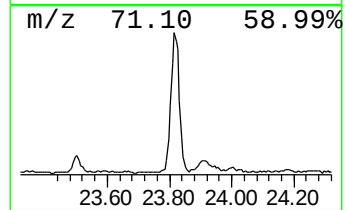
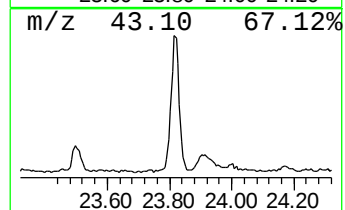
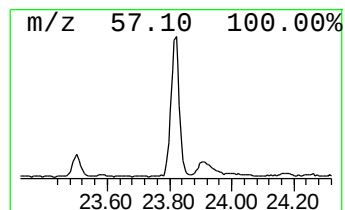
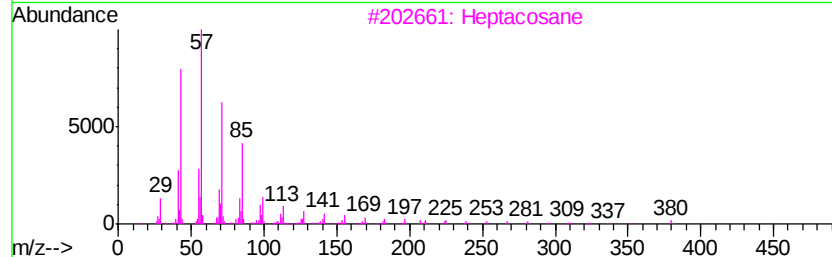
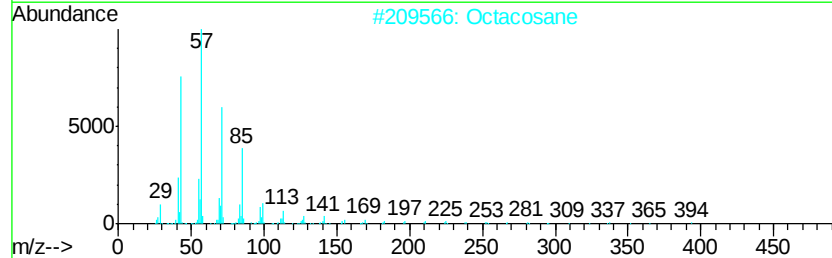
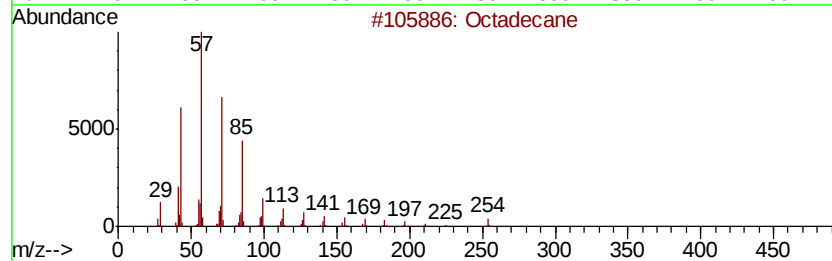
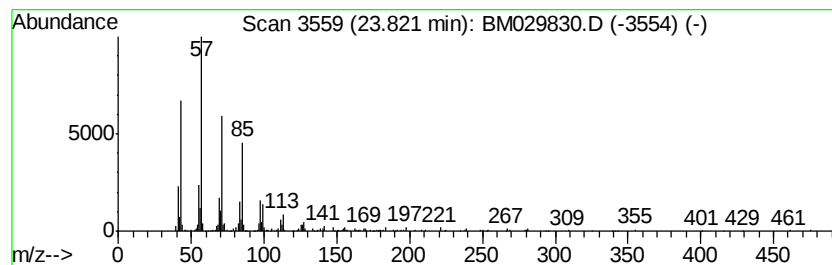
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	5.14 ng/ul	333607	Perylene-d12	23.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Heptacosane	380	C27H56	000593-49-7	87
4			Hexacosane	366	C26H54	000630-01-3	87
5			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87



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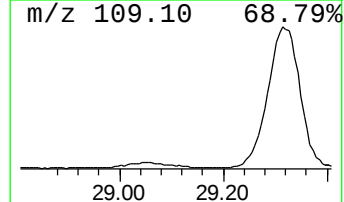
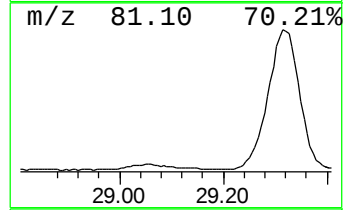
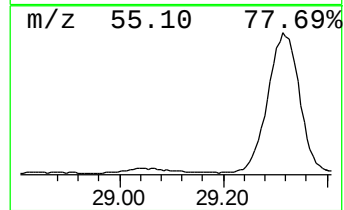
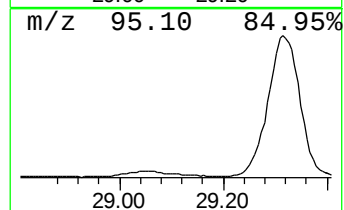
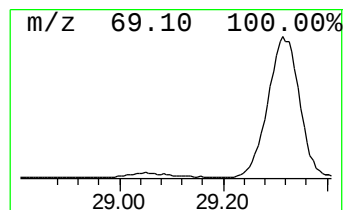
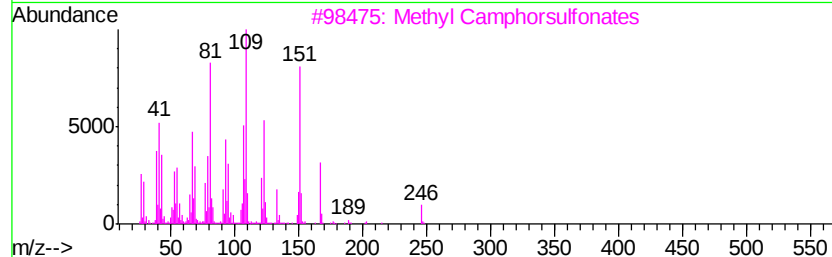
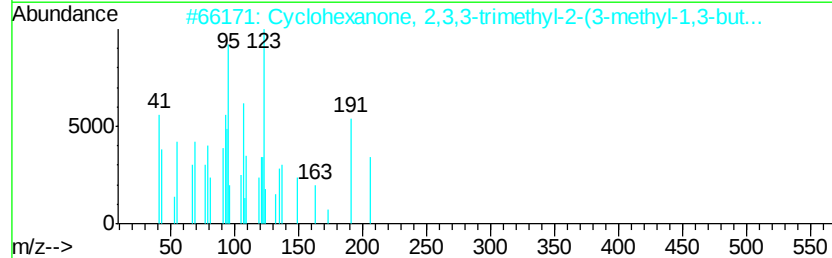
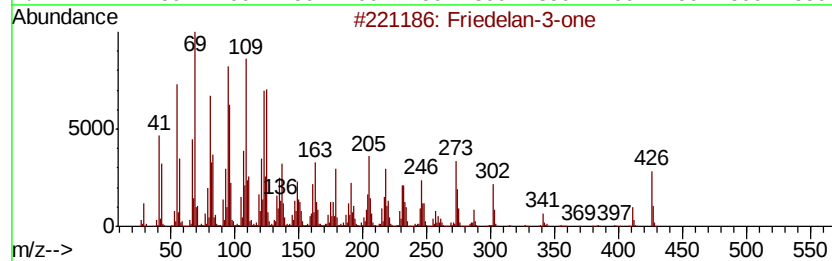
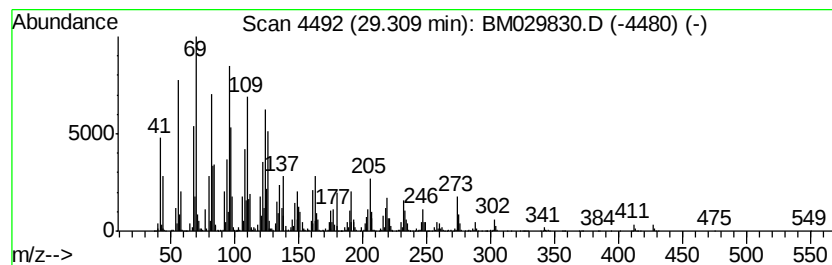
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Friedelan-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.31	139.46 ng/ul	9043250	Perylene-d12	23.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one		426	C30H50O	000559-74-0	99
2	Cyclohexanone, 2,3,3-trimethyl-2...		206	C14H22O	069296-90-8	64
3	Methyl Camphorsulfonates		246	C11H18O4S	046471-67-4	62
4	5-Bromo-4-oxo-4,5,6,7-tetrahydro...		216	C6H5BrN2O2	300574-36-1	53
5	1-Formyl-2,2-dimethyl-3-trans-(3...		220	C15H24O	1000144-09-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050421\
Data File : BM029830.D
Acq On : 05 May 2021 17:07
Operator : CG/JU
Sample : M2129-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AB9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.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
Nonadecyl trifluo...	20.87	4.5	ng/ul	245289	5	21.14	1103300	20.0
n-Tetracosanol-1	21.75	7.3	ng/ul	402840	5	21.14	1103300	20.0
(DEL) Alkane: Str...	22.66	6.0	ng/ul	389650	6	23.30	1296860	20.0
(DEL) Alkane: Str...	23.82	5.1	ng/ul	333607	6	23.30	1296860	20.0
Friedelan-3-one	29.31	139.5	ng/ul	9043250	6	23.30	1296860	20.0