

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036166.D
 Acq On : 09 Aug 2022 04:35
 Operator : CG/JU
 Sample : N3963-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-224

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_M\Methods\8270-BM080122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	393	400	415	rBV	4242698	6043982	53.07%	7.726%
2	7.063	667	676	688	rBV	4026885	6219871	54.61%	7.951%
3	7.846	801	809	816	rBV	1076492	1657257	14.55%	2.119%
4	9.016	1000	1008	1024	rBV	2494582	3998502	35.11%	5.112%
5	10.651	1276	1286	1292	rBV	1410076	2359491	20.72%	3.016%
6	12.310	1563	1568	1582	rBV3	65803	170619	1.50%	0.218%
7	12.528	1600	1605	1613	rVB	83469	140034	1.23%	0.179%
8	13.116	1697	1705	1714	rBV	6102718	9082237	79.74%	11.610%
9	13.810	1813	1823	1828	rBV	86889	185068	1.62%	0.237%
10	14.210	1886	1891	1898	rBV	150223	233113	2.05%	0.298%
11	14.486	1931	1938	1944	rBV	2087556	2927203	25.70%	3.742%
12	15.533	2111	2116	2128	rVB2	95162	196427	1.72%	0.251%
13	15.980	2185	2192	2198	rBV	4810527	6681574	58.66%	8.542%
14	16.204	2224	2230	2239	rBV5	62159	175184	1.54%	0.224%
15	17.133	2384	2388	2395	rBV3	94863	186074	1.63%	0.238%
16	17.227	2396	2404	2408	rBV	2308415	3298343	28.96%	4.217%
17	17.269	2408	2411	2416	rVB	974058	1246483	10.94%	1.593%
18	17.363	2422	2427	2432	rVB	245553	338949	2.98%	0.433%
19	17.416	2432	2436	2441	rBV3	55251	135678	1.19%	0.173%
20	17.757	2491	2494	2499	rVB2	99065	124445	1.09%	0.159%
21	17.898	2515	2518	2523	rVB2	101469	130112	1.14%	0.166%
22	18.016	2534	2538	2543	rBV2	163053	258289	2.27%	0.330%
23	18.074	2544	2548	2551	rVV	345645	495251	4.35%	0.633%
24	18.133	2554	2558	2567	rVB2	1153493	1840698	16.16%	2.353%
25	18.233	2572	2575	2580	rVV	110370	166951	1.47%	0.213%
26	18.298	2581	2586	2590	rVV2	272521	503245	4.42%	0.643%
27	18.333	2590	2592	2601	rVB	192371	241131	2.12%	0.308%
28	18.421	2603	2607	2611	rBV5	98171	164297	1.44%	0.210%
29	19.021	2706	2709	2713	rBV	145683	214796	1.89%	0.275%
30	19.286	2749	2754	2762	rBV	1756651	2378259	20.88%	3.040%
31	19.410	2772	2775	2778	rBV	146410	166582	1.46%	0.213%
32	19.645	2807	2815	2820	rBV	1599755	2575349	22.61%	3.292%
33	19.857	2845	2851	2855	rBV	9038563	11389524	100.00%	14.560%
34	21.121	3062	3066	3071	rVB3	1452761	1685037	14.79%	2.154%
35	21.410	3109	3115	3119	rBV2	2923588	4694454	41.22%	6.001%
36	21.445	3119	3121	3130	rVB	931629	1093716	9.60%	1.398%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	23.045	3389	3393	3397	rBV2	1056539	1910029	16.77%	2.442%
38	23.768	3511	3516	3521	rVB2	1616254	2916143	25.60%	3.728%

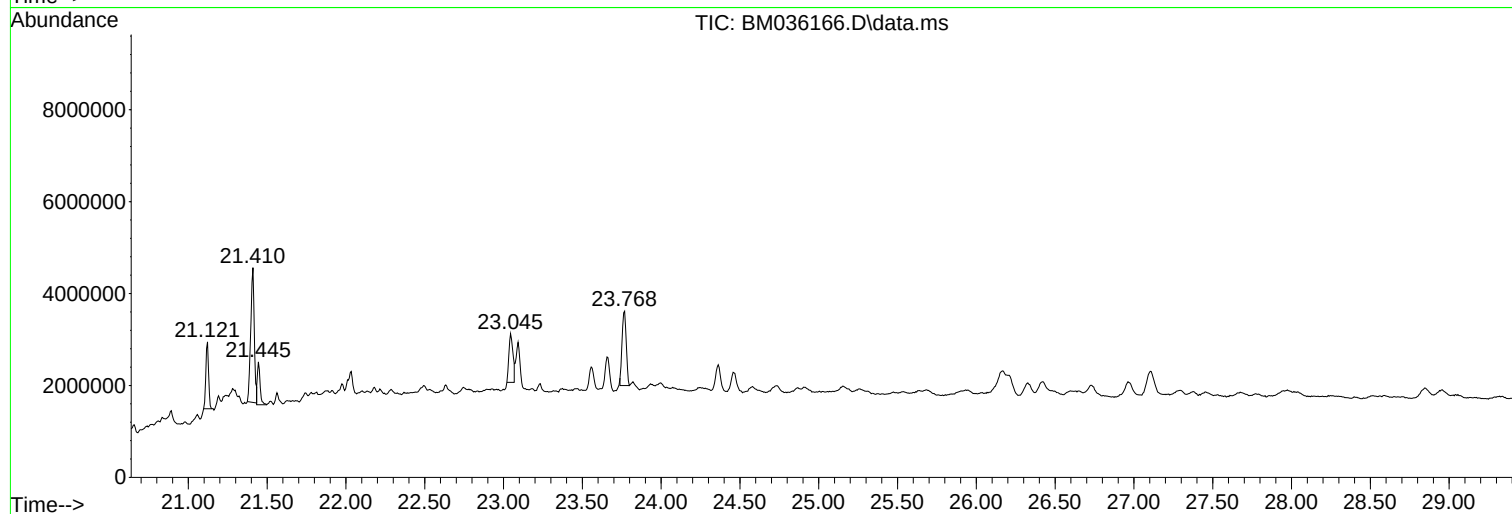
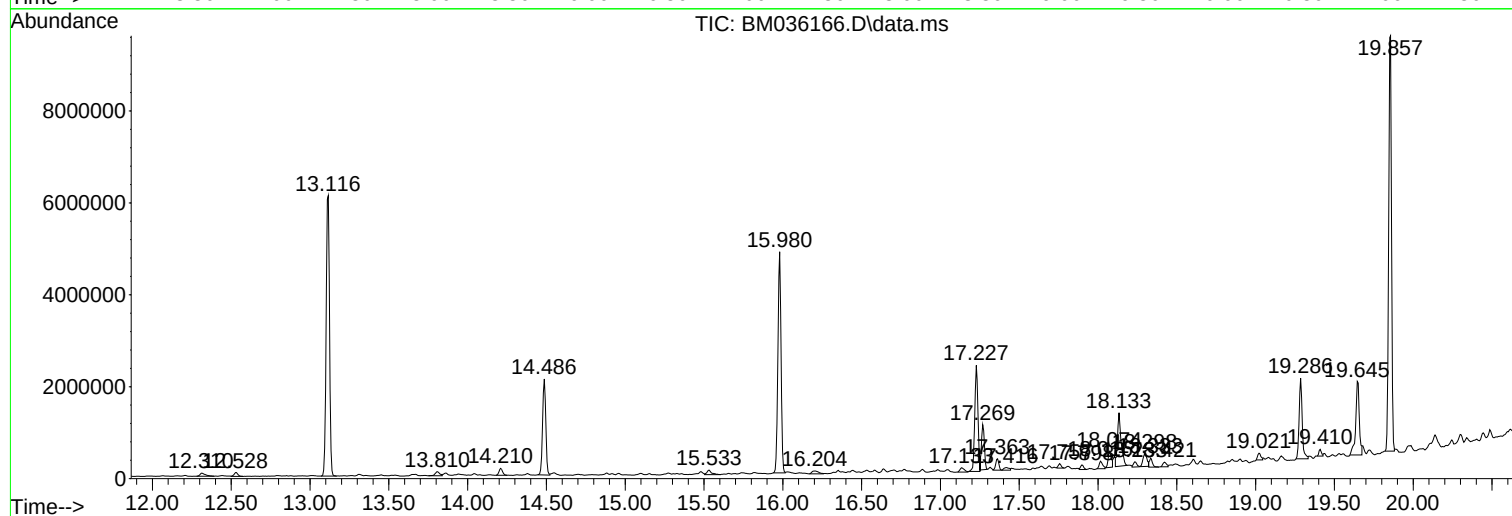
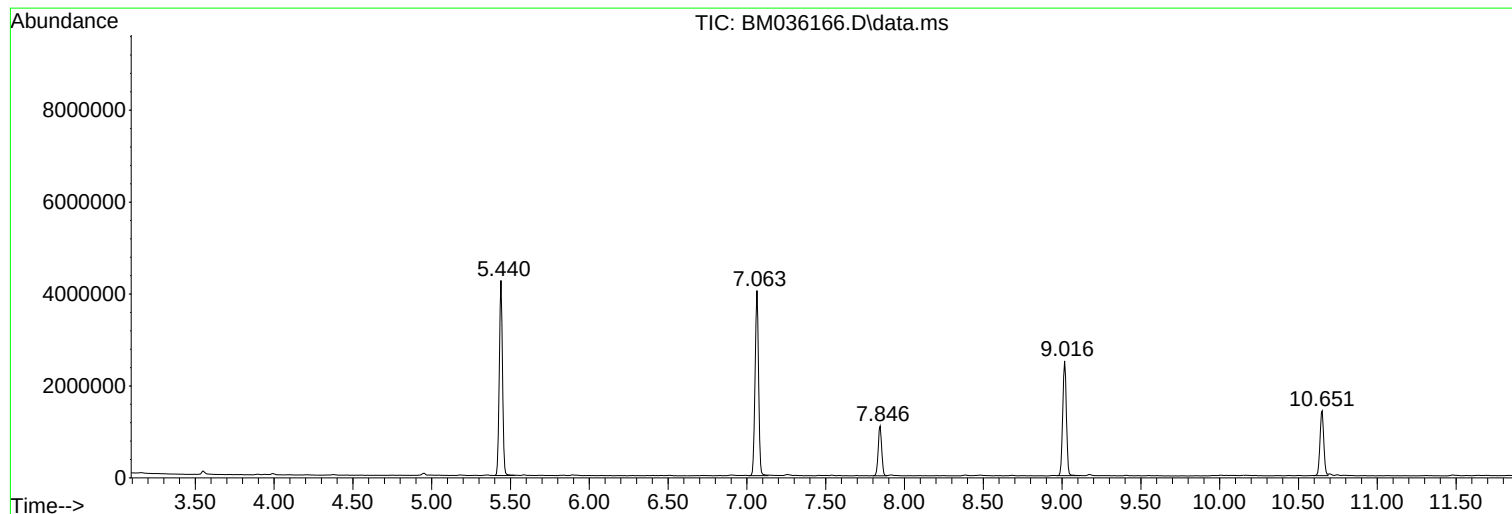
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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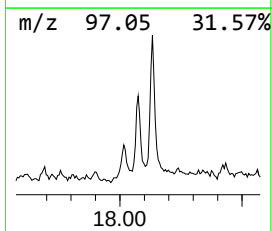
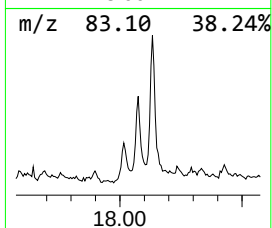
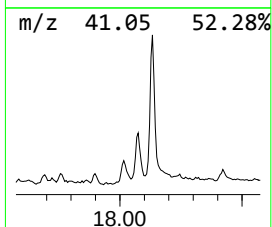
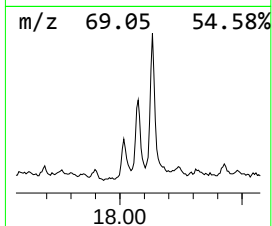
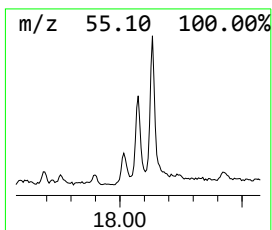
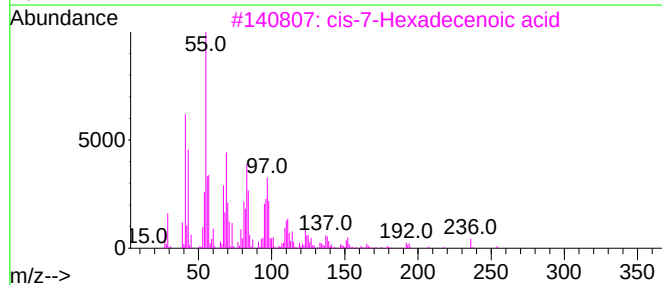
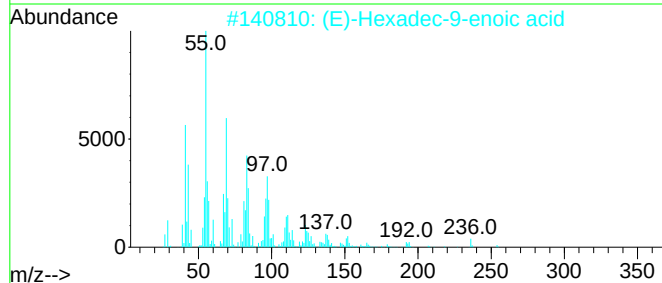
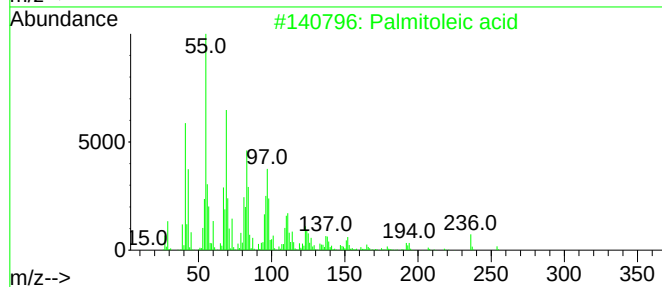
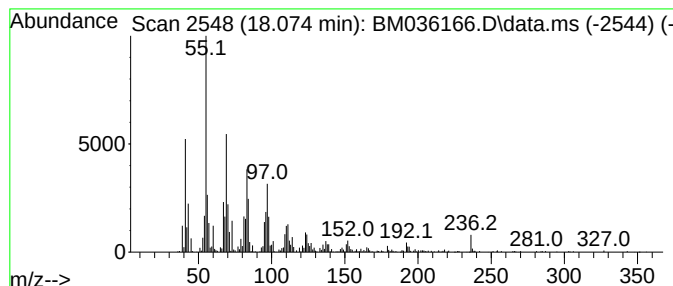
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Palmitoleic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	3.00 ng	495251	Phenanthrene-d10	17.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Palmitoleic acid	254	C16H30O2	000373-49-9	99
2			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
3			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	98
4			9-Hexadecenoic acid	254	C16H30O2	002091-29-4	91
5			Myristoleic acid	226	C14H26O2	000544-64-9	90



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Instrument :
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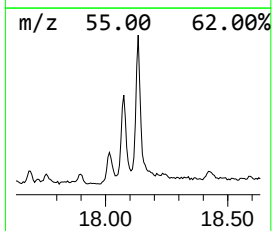
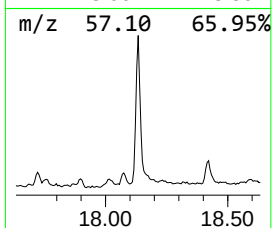
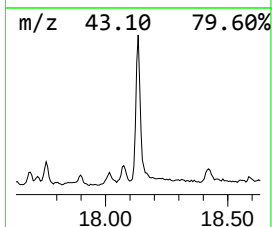
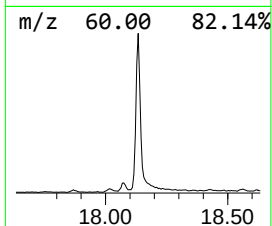
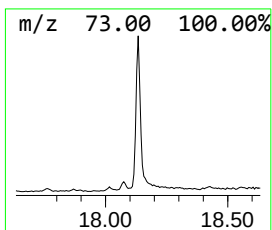
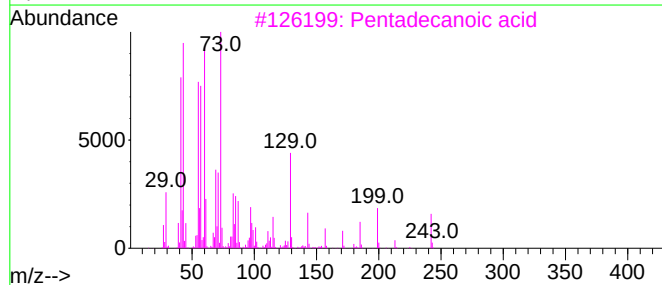
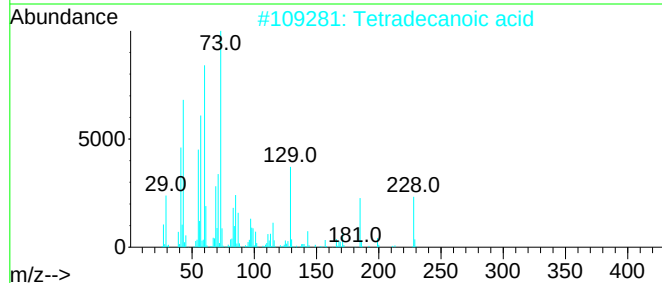
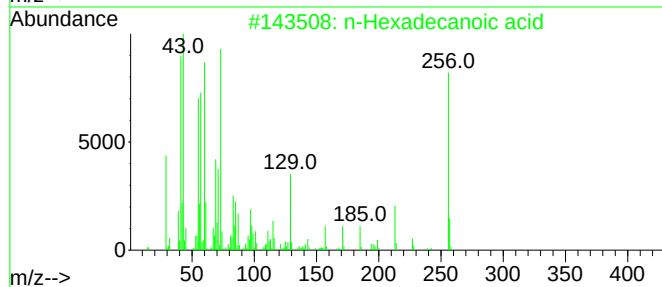
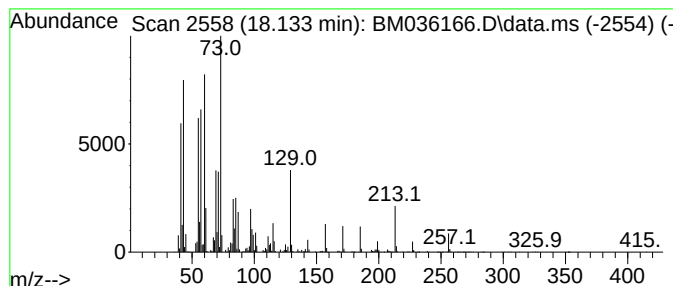
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	11.16 ng	1840700	Phenanthrene-d10	17.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	49



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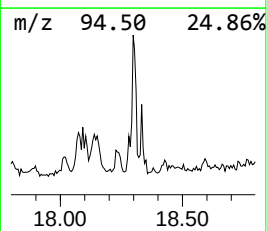
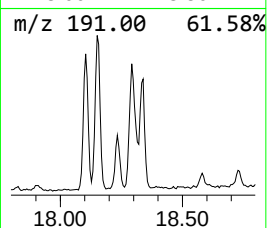
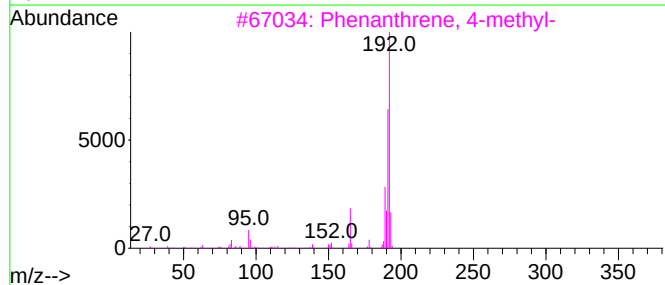
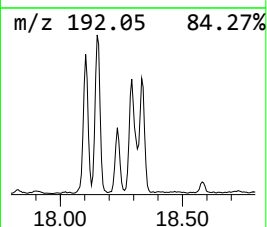
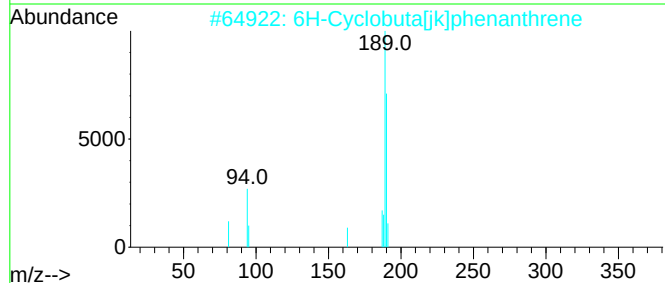
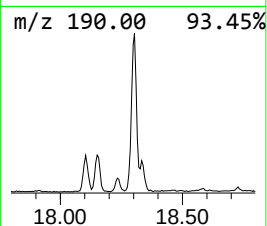
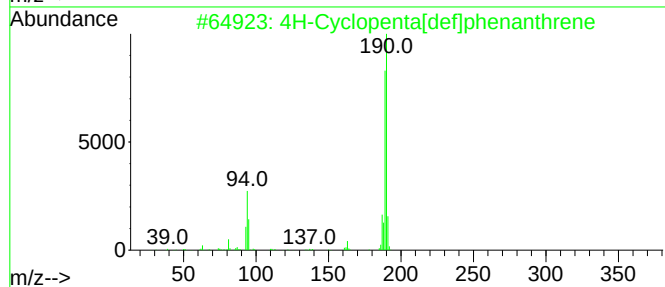
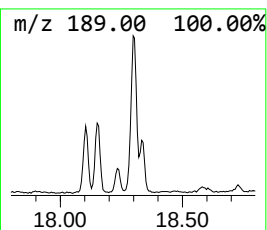
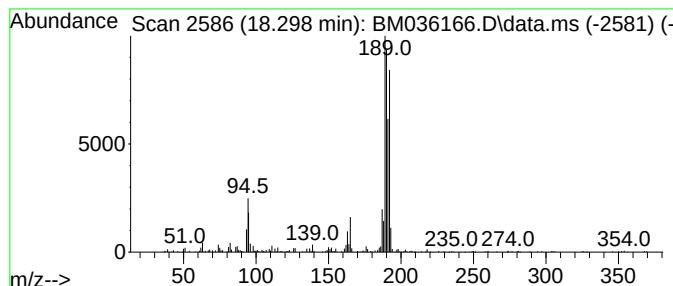
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.05 ng	503245	Phenanthrene-d10	17.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



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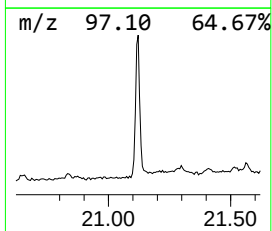
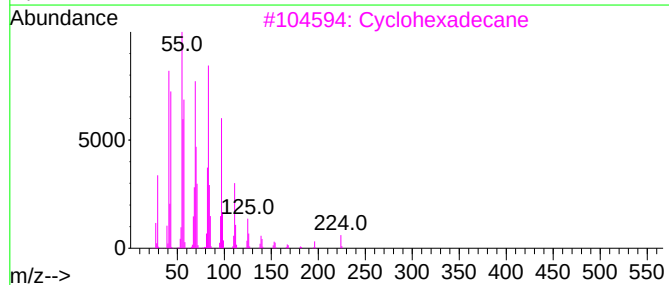
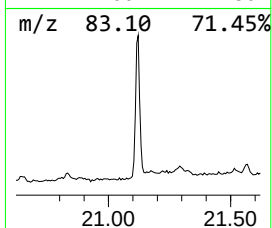
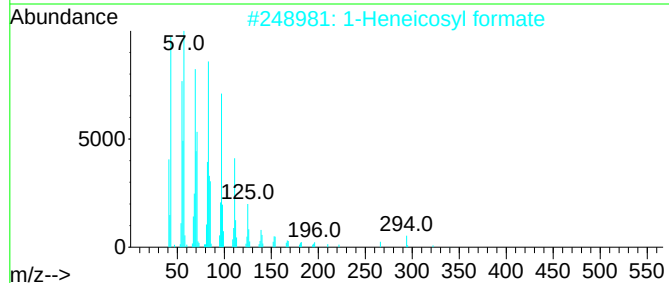
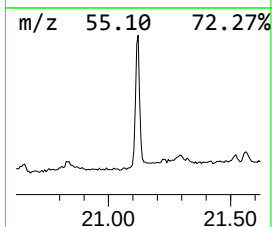
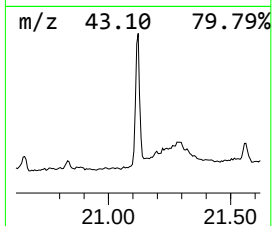
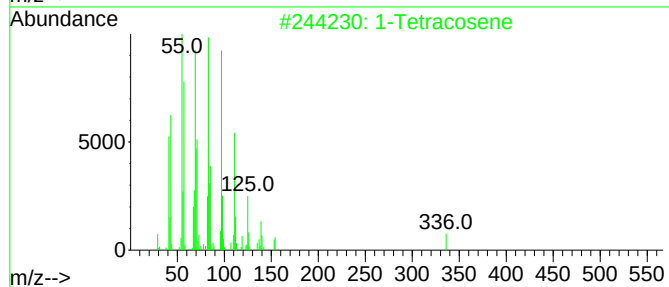
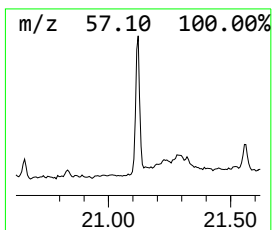
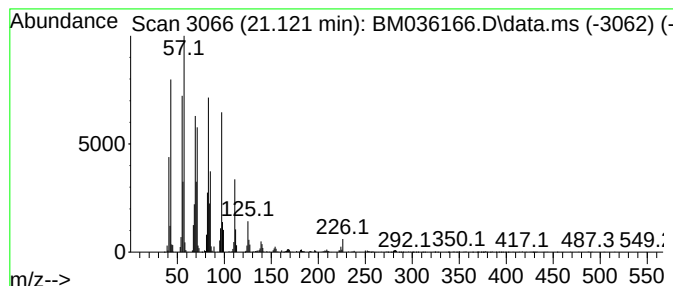
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.121	7.18 ng	1685040	Chrysene-d12	21.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	97
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Palmitoleic acid	18.074	3.0	ng	495251	4	17.227	3298340	20.0
n-Hexadecanoic ...	18.133	11.2	ng	1840700	4	17.227	3298340	20.0
4H-Cyclopenta[d...]	18.298	3.0	ng	503245	4	17.227	3298340	20.0
1-Tetracosene	21.121	7.2	ng	1685040	5	21.410	4694450	20.0