

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
 Data File : BM050003.D
 Acq On : 22 Apr 2025 19:44
 Operator : RC/JU
 Sample : Q1842-25 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-714-COMP-12

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-BM040825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050003.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	318	323	333	rVB	327524	462926	9.06%	0.948%
2	5.357	397	403	419	rVB	1435331	2195606	42.95%	4.494%
3	5.963	499	506	511	rBV	55603	86350	1.69%	0.177%
4	6.951	667	674	693	rBV	1273204	2308608	45.16%	4.726%
5	7.763	805	812	823	rBV	1008239	1588757	31.08%	3.252%
6	8.922	1001	1009	1023	rBV	770106	1393379	27.26%	2.852%
7	10.557	1279	1287	1303	rBV	1116820	2034279	39.79%	4.164%
8	13.027	1697	1707	1725	rBV	2350293	3635879	71.12%	7.443%
9	14.139	1889	1896	1905	rBV	46494	92131	1.80%	0.189%
10	14.410	1933	1942	1949	rBV	1841948	2739925	53.60%	5.609%
11	14.474	1949	1953	1961	rVB	74165	129635	2.54%	0.265%
12	15.462	2116	2121	2132	rVB	84251	147848	2.89%	0.303%
13	15.768	2167	2173	2182	rBV	598734	887347	17.36%	1.816%
14	15.904	2190	2196	2218	rVB	1908472	2887835	56.49%	5.911%
15	16.139	2231	2236	2243	rVB8	25621	55695	1.09%	0.114%
16	16.333	2264	2269	2278	rVB	98182	153535	3.00%	0.314%
17	16.974	2374	2378	2384	rVB	52561	86992	1.70%	0.178%
18	17.156	2403	2409	2413	rBV	2192912	3165930	61.93%	6.481%
19	17.198	2413	2416	2423	rVV	1004314	1377571	26.95%	2.820%
20	17.292	2427	2432	2438	rVB	204801	300061	5.87%	0.614%
21	17.568	2472	2479	2488	rBV	68760	151026	2.95%	0.309%
22	18.056	2554	2562	2576	rBV3	534192	1339955	26.21%	2.743%
23	18.162	2577	2580	2584	rVV2	72135	116380	2.28%	0.238%
24	18.227	2586	2591	2595	rVV2	223793	396813	7.76%	0.812%
25	18.268	2595	2598	2603	rVB	85519	120574	2.36%	0.247%
26	18.533	2639	2643	2648	rBV	97781	134756	2.64%	0.276%
27	18.580	2648	2651	2658	rVB2	70858	108958	2.13%	0.223%
28	19.098	2735	2739	2745	rBV3	58399	113716	2.22%	0.233%
29	19.215	2754	2759	2766	rBV	1893611	2427459	47.48%	4.969%
30	19.333	2776	2779	2784	rBV3	148421	224488	4.39%	0.460%
31	19.580	2812	2821	2830	rBV	1531226	2476846	48.45%	5.070%
32	19.780	2850	2855	2860	rBV	4418798	5112153	100.00%	10.465%
33	20.074	2902	2905	2912	rVB	279191	437428	8.56%	0.895%
34	20.180	2919	2923	2926	rBV	198455	244478	4.78%	0.500%
35	20.427	2962	2965	2969	rVB3	158105	179261	3.51%	0.367%
36	21.074	3072	3075	3083	rVB3	278847	451791	8.84%	0.925%

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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-BM040825.M
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37	21.397	3123	3130	3134	rBV2	2610030	4661077	91.18%	9.541%
38	21.439	3135	3137	3149	rVB	645952	962555	18.83%	1.970%
39	24.403	3634	3641	3649	rVB	1483334	3461732	67.72%	7.086%

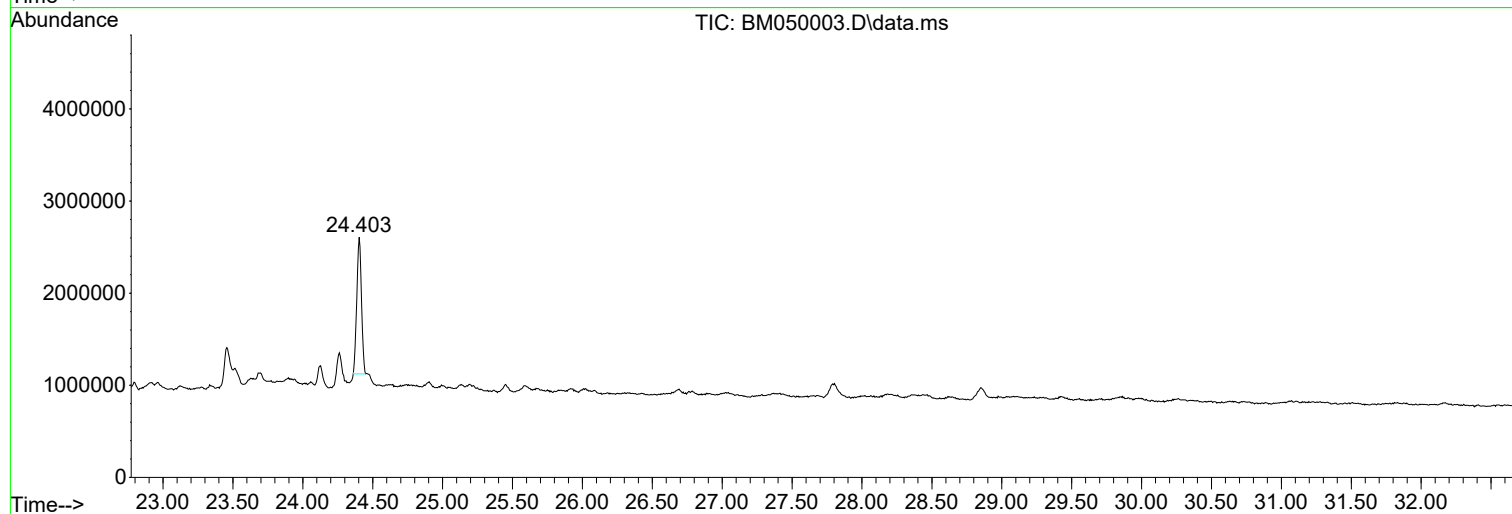
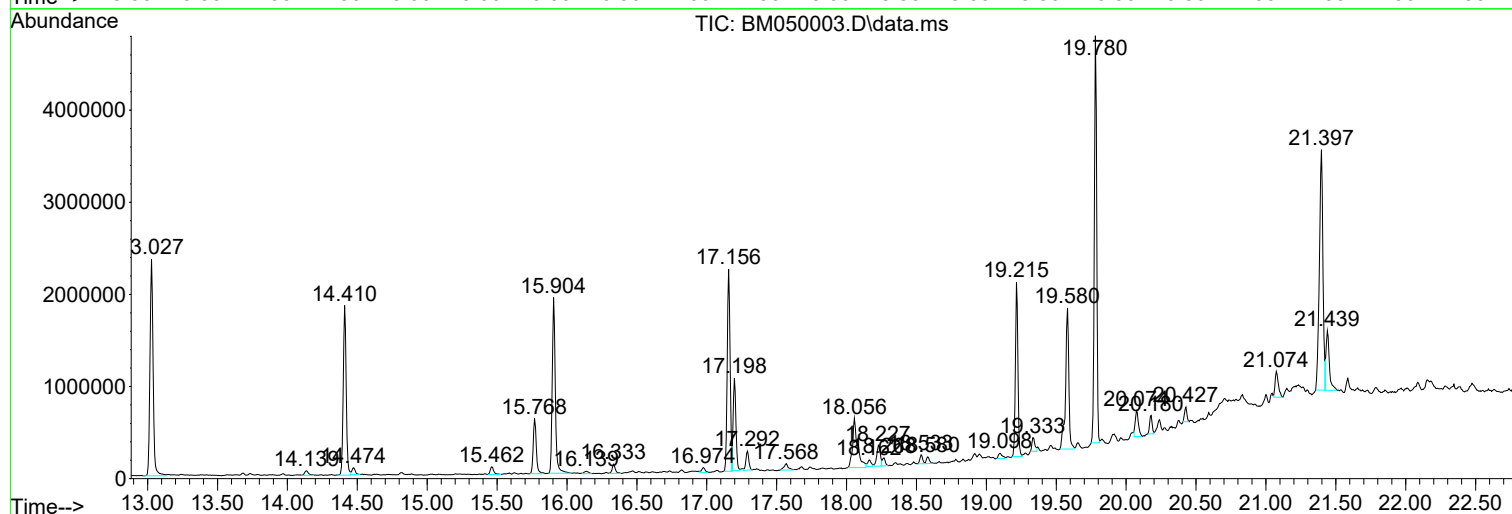
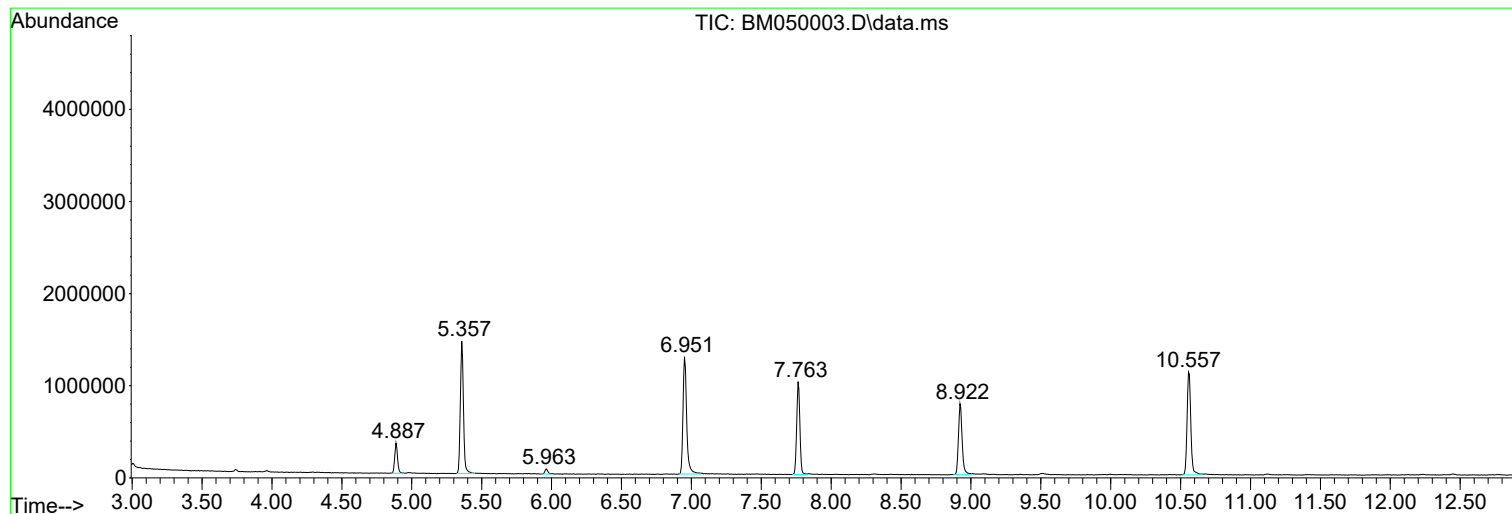
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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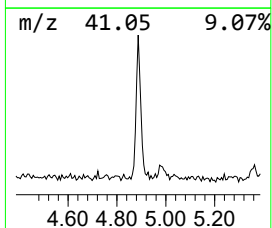
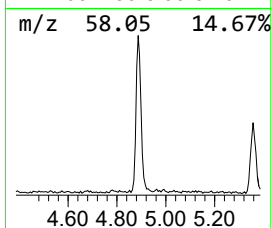
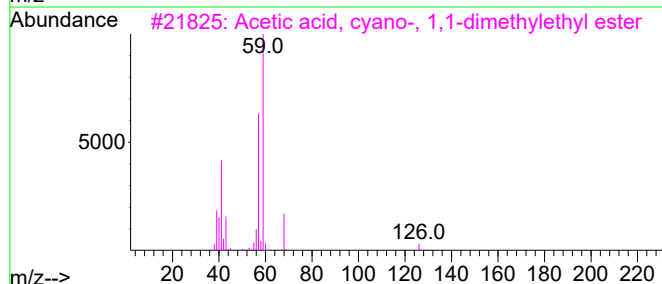
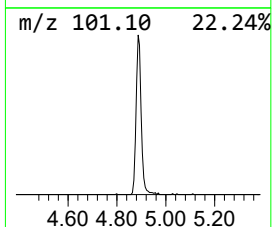
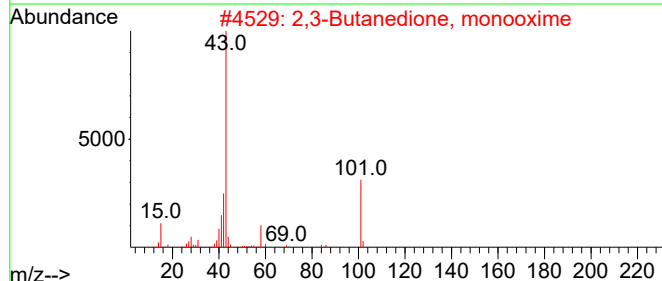
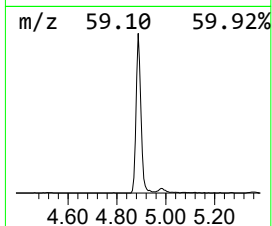
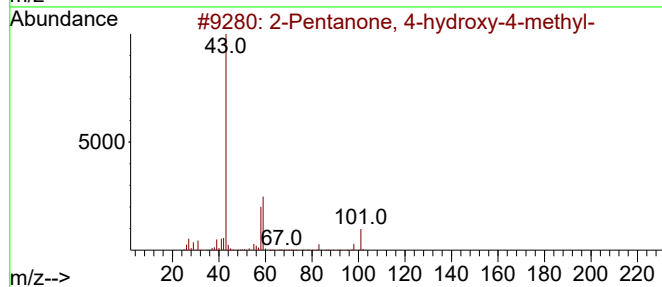
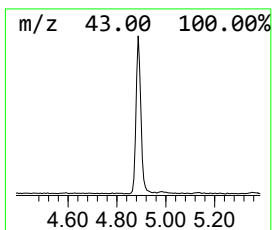
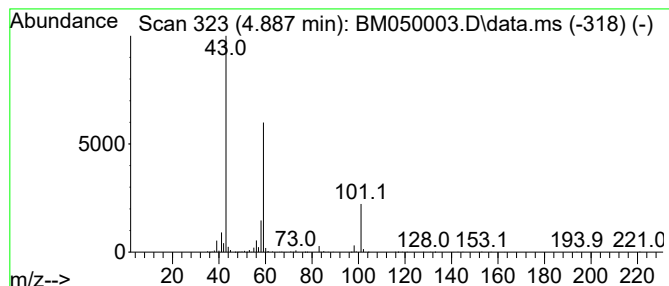
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	5.83 ng	462926	1,4-Dichlorobenzene-d4	7.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17	
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17	
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17	
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9	



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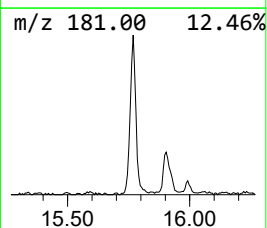
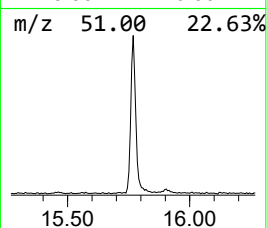
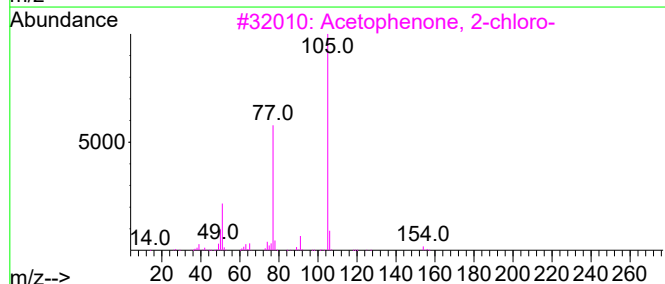
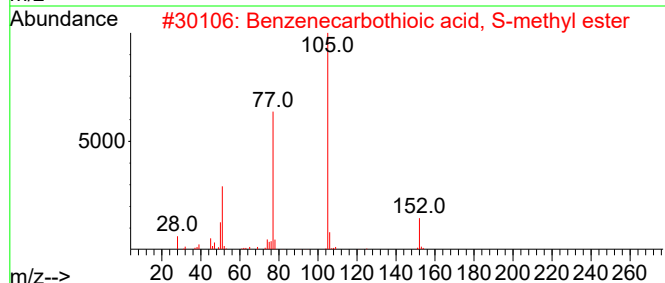
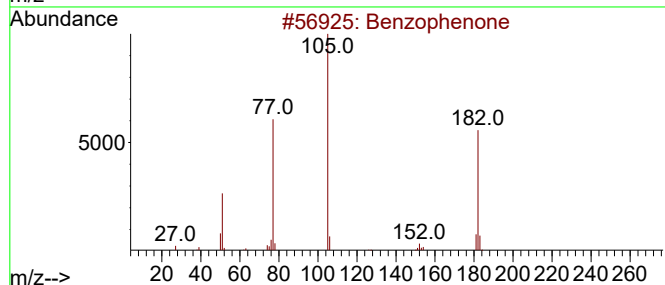
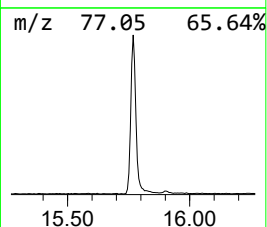
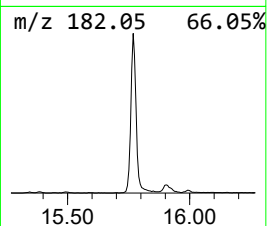
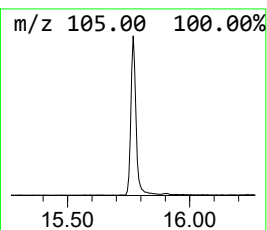
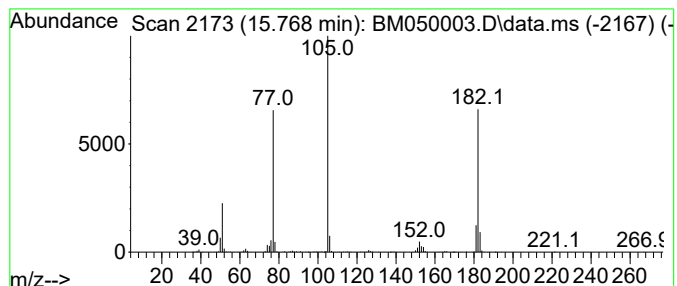
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	6.48 ng	887347	Acenaphthene-d10	14.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	43
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43



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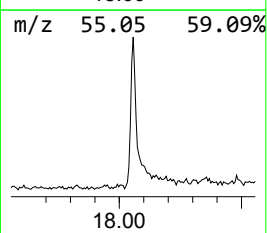
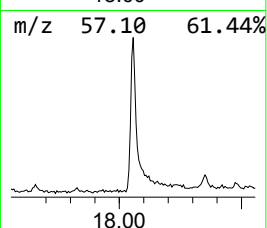
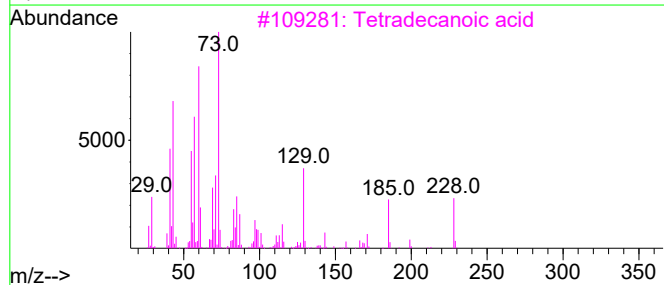
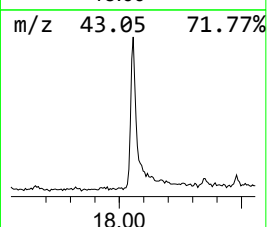
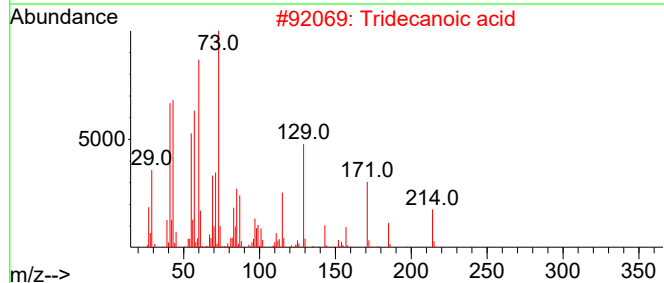
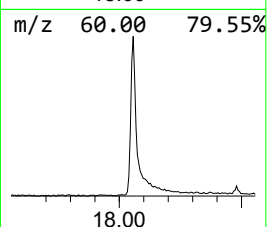
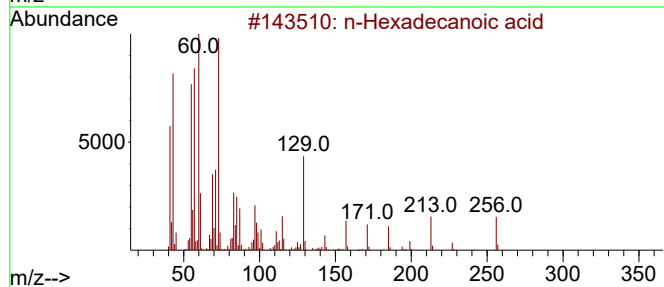
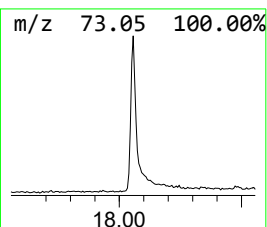
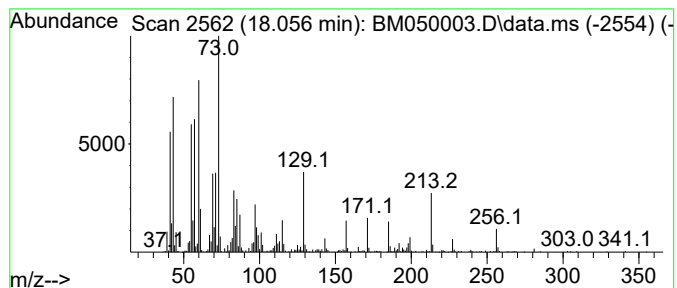
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.056	8.46 ng	1339960	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Octadecanoic acid	284	C18H36O2	000057-11-4	81
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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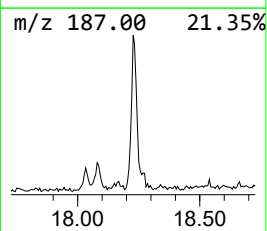
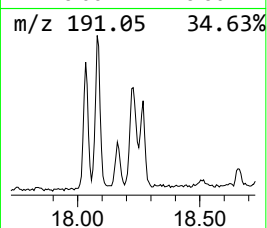
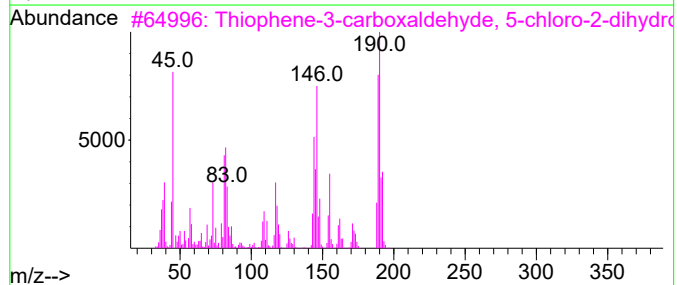
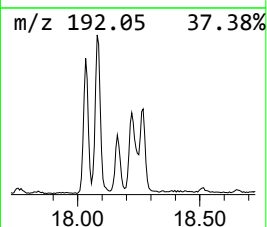
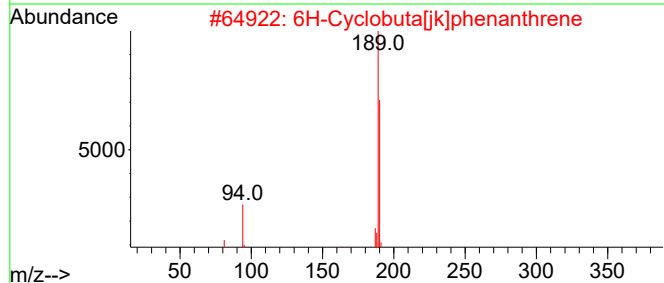
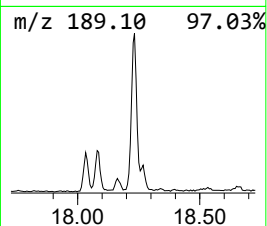
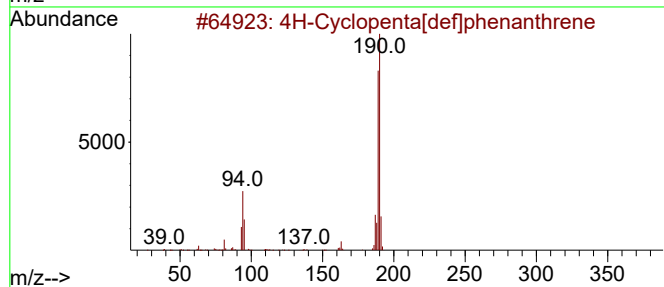
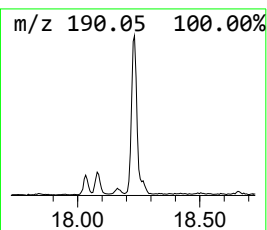
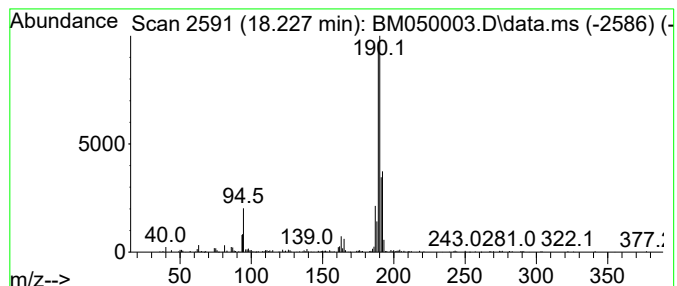
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	2.51 ng	396813	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5			1-Aminocyclopentanecarboxylic ac...	389	C20H36ClNO4	1000329-17-2	27



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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
2-Pentanone, 4-...	4.887	5.8	ng	462926	1	7.763	1588760	20.0
Benzophenone	15.768	6.5	ng	887347	3	14.410	2739930	20.0
n-Hexadecanoic ...	18.056	8.5	ng	1339960	4	17.157	3165930	20.0
4H-Cyclopenta[d...	18.227	2.5	ng	396813	4	17.157	3165930	20.0