

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
 Data File : BM050022.D
 Acq On : 23 Apr 2025 20:29
 Operator : RC/JU
 Sample : Q1854-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-04222025

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: BM050022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	316	322	329	rBV	366456	525795	8.17%	0.861%
2	5.357	396	403	418	rBV	1461430	2306503	35.84%	3.777%
3	5.957	498	505	511	rBV	71338	113794	1.77%	0.186%
4	6.951	664	674	690	rBV	1180804	2245174	34.88%	3.677%
5	7.763	805	812	823	rBV	1050458	1664572	25.86%	2.726%
6	8.922	1002	1009	1024	rBV	753198	1434953	22.30%	2.350%
7	10.557	1278	1287	1301	rBV	1135196	2086895	32.42%	3.418%
8	13.027	1699	1707	1722	rBV	2270952	3591085	55.80%	5.881%
9	13.868	1846	1850	1861	rVB	39455	83672	1.30%	0.137%
10	14.133	1889	1895	1910	rBV	199593	344453	5.35%	0.564%
11	14.410	1935	1942	1950	rBV	1859432	2835679	44.06%	4.644%
12	15.462	2117	2121	2133	rVB3	33630	99217	1.54%	0.162%
13	15.768	2167	2173	2187	rBV	398353	655328	10.18%	1.073%
14	15.904	2187	2196	2213	rBV	1771757	2917539	45.33%	4.778%
15	16.139	2230	2236	2244	rBV7	37834	85414	1.33%	0.140%
16	16.333	2264	2269	2274	rBV2	50996	83258	1.29%	0.136%
17	17.156	2403	2409	2413	rBV	2345217	3339609	51.89%	5.469%
18	17.198	2413	2416	2423	rVV	423995	580090	9.01%	0.950%
19	17.292	2427	2432	2438	rVB	337947	486982	7.57%	0.798%
20	17.568	2475	2479	2486	rVB	59612	103238	1.60%	0.169%
21	18.051	2555	2561	2564	rBV2	299519	486019	7.55%	0.796%
22	18.162	2577	2580	2585	rVB	69966	91371	1.42%	0.150%
23	18.227	2586	2591	2595	rBV2	147631	267688	4.16%	0.438%
24	18.580	2648	2651	2661	rVB3	99389	179510	2.79%	0.294%
25	18.950	2711	2714	2718	rBV2	85121	108854	1.69%	0.178%
26	19.098	2735	2739	2744	rBV	114013	174837	2.72%	0.286%
27	19.215	2754	2759	2765	rBV	1902248	2522277	39.19%	4.131%
28	19.368	2782	2785	2790	rVB	107691	145851	2.27%	0.239%
29	19.580	2812	2821	2829	rBV	1964990	3077503	47.82%	5.040%
30	19.780	2850	2855	2860	rBV	4561824	5279051	82.02%	8.646%
31	19.903	2872	2876	2877	rBV2	170137	207967	3.23%	0.341%
32	20.233	2929	2932	2936	rVB2	210637	255746	3.97%	0.419%
33	20.374	2953	2956	2960	rBV	227912	264642	4.11%	0.433%
34	20.421	2961	2964	2967	rVB	169021	201472	3.13%	0.330%
35	20.827	3030	3033	3043	rVB2	268444	429540	6.67%	0.703%
36	21.391	3122	3129	3134	rBV2	3044512	6436110	100.00%	10.540%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.439	3134	3137	3150	rVB	1290813	2008118	31.20%	3.289%
38	22.056	3238	3242	3244	rBV	429137	640610	9.95%	1.049%
39	23.450	3472	3479	3486	rBV	1472812	4122277	64.05%	6.751%
40	24.121	3587	3593	3605	rVB	997753	2359564	36.66%	3.864%
41	24.256	3609	3616	3626	rVB	1208066	2928939	45.51%	4.797%
42	24.397	3633	3640	3647	rBV	1423310	3289926	51.12%	5.388%

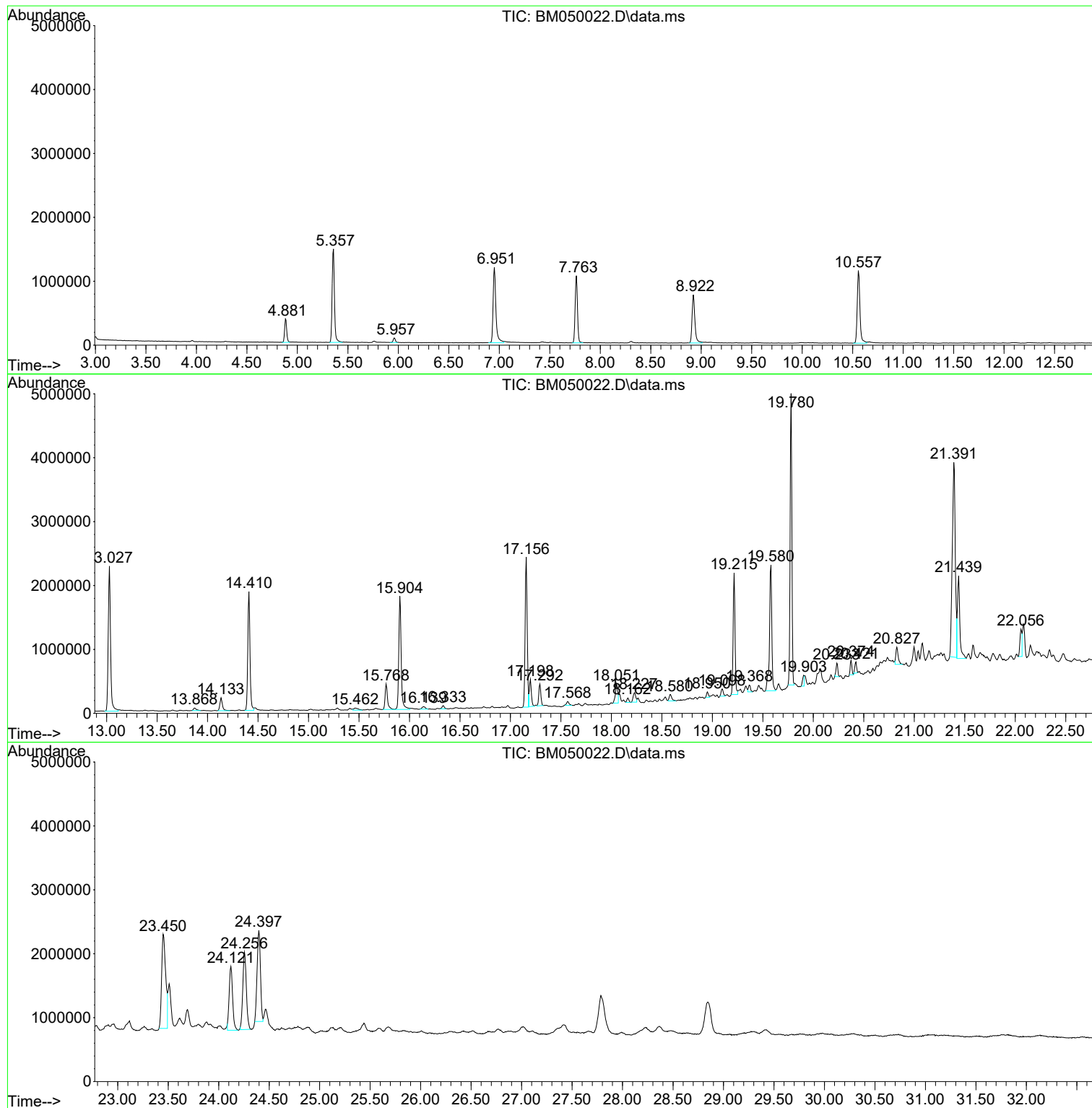
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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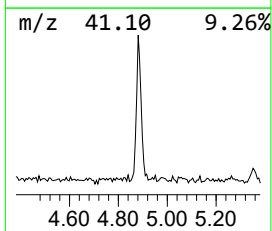
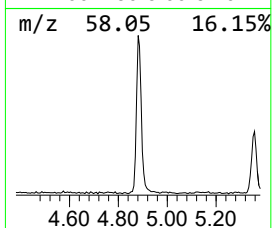
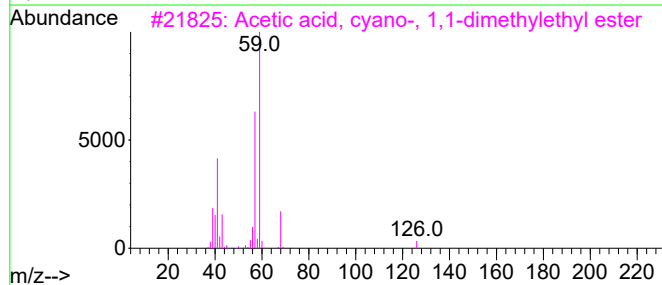
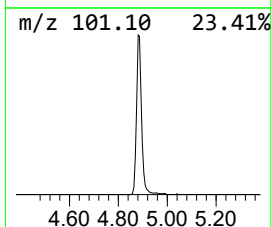
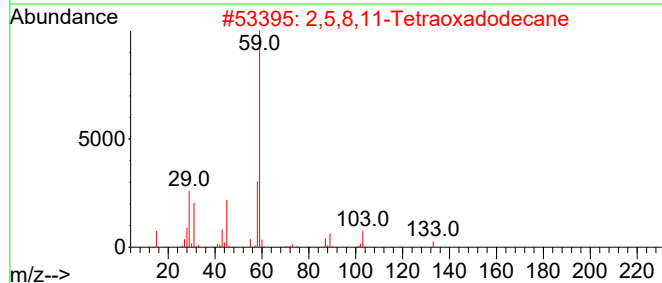
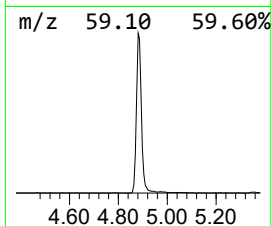
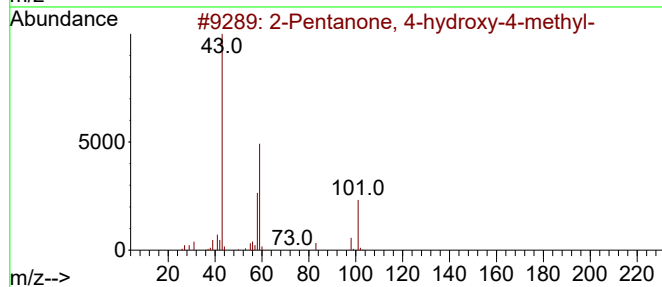
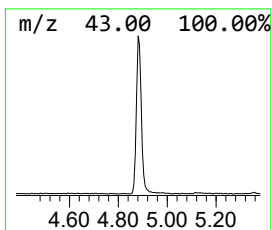
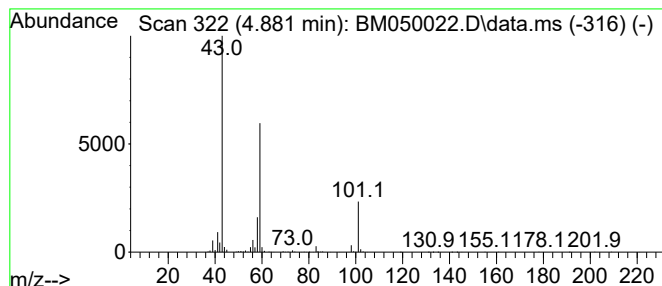
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	6.32 ng	525795	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	50		
2	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		



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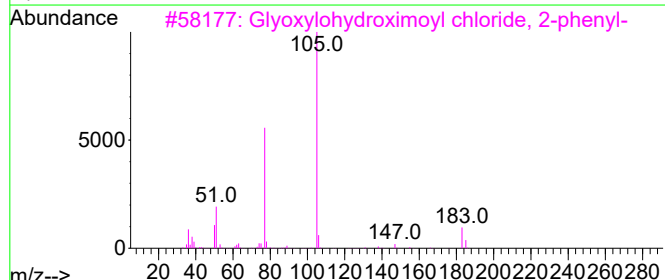
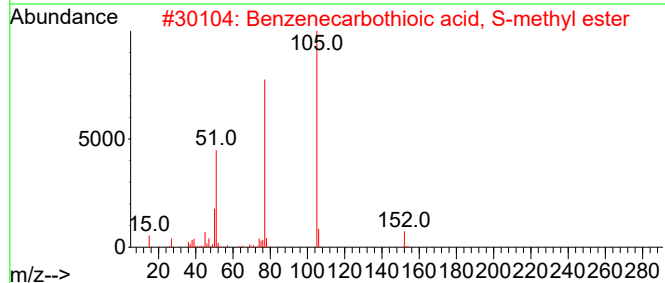
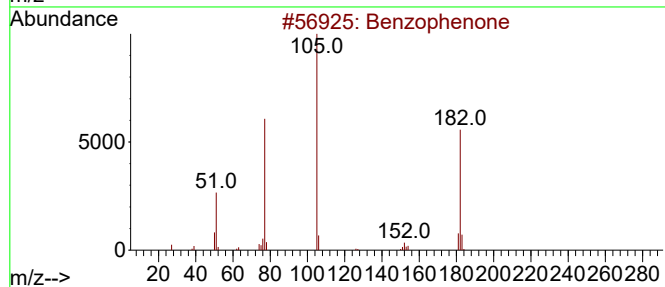
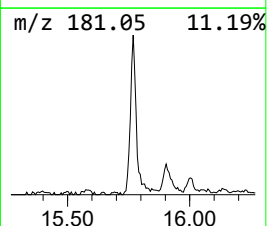
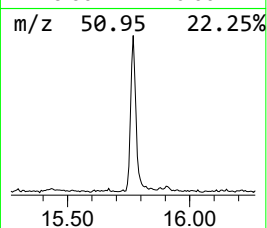
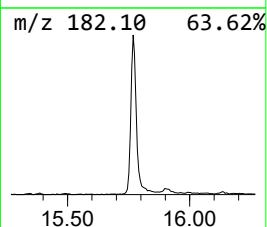
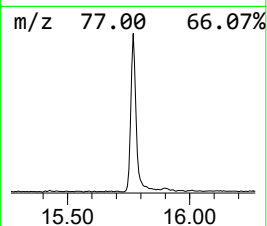
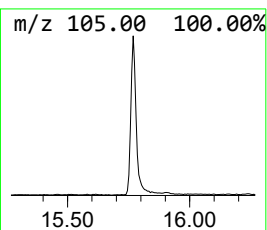
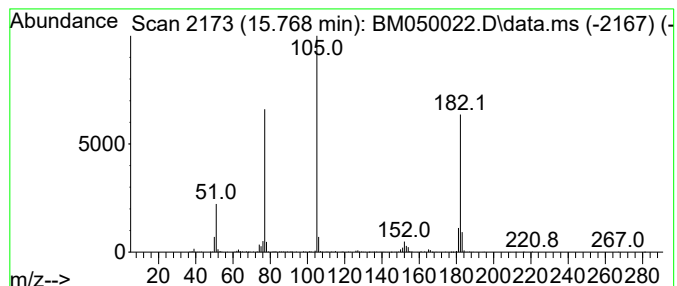
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	4.62 ng	655328	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			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	47
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	46
5			Benzenecetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43



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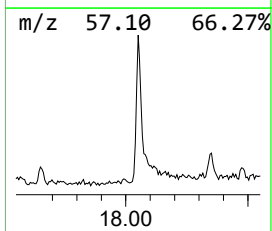
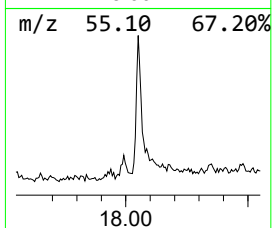
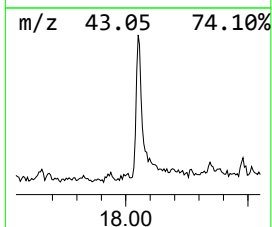
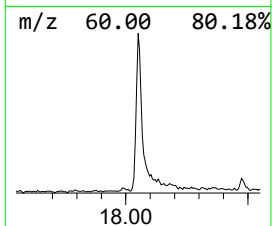
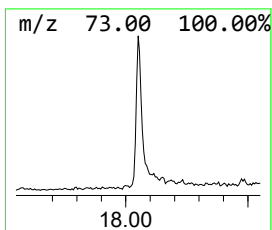
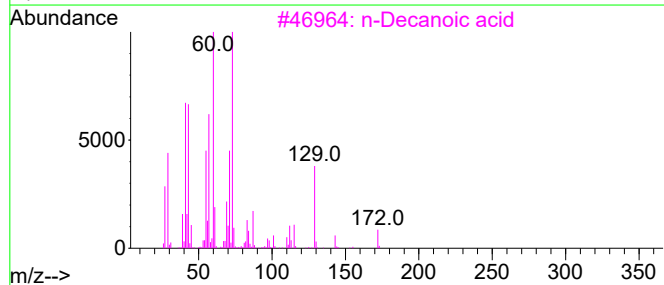
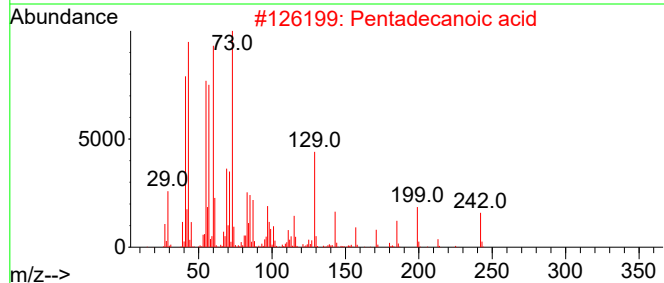
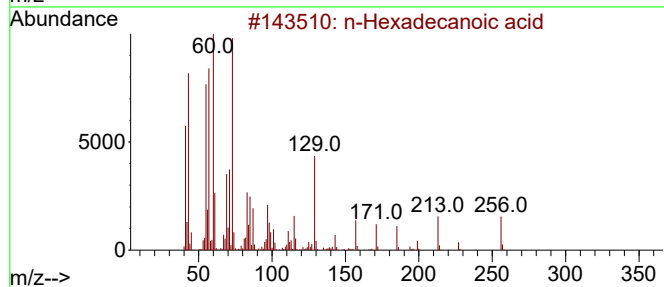
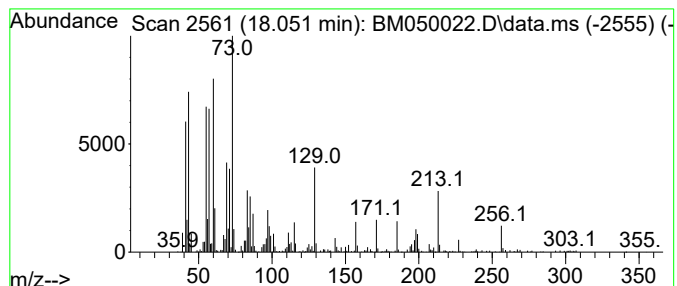
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	2.91 ng	486019	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			n-Decanoic acid	172	C10H20O2	000334-48-5	70
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	43



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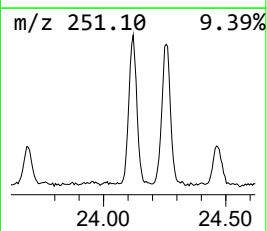
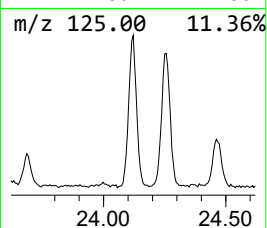
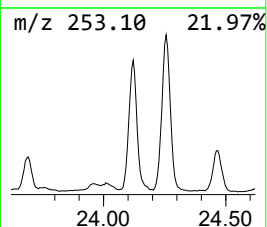
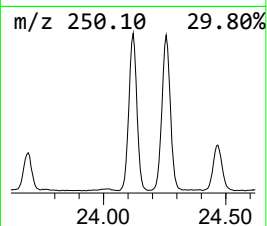
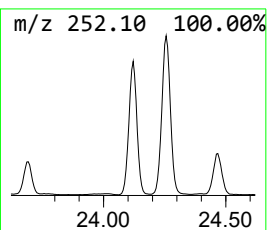
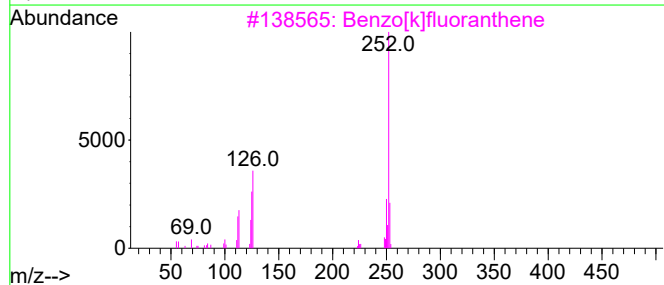
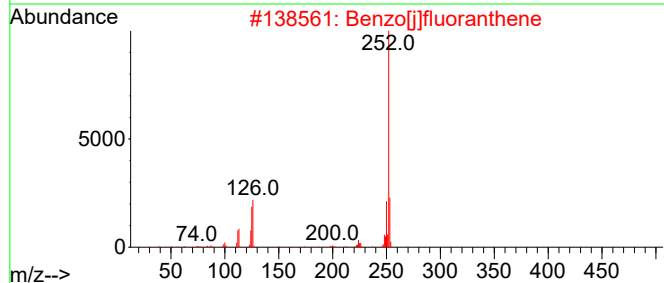
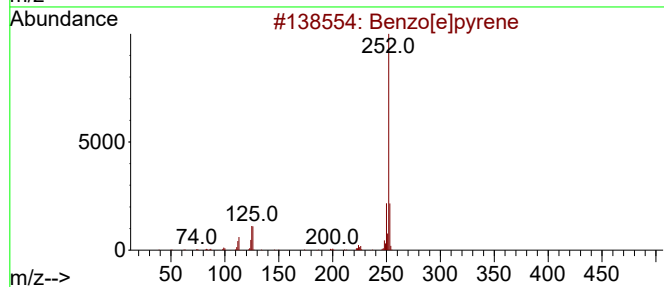
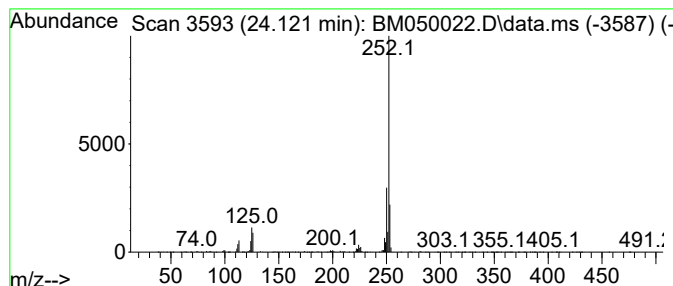
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.121	14.34 ng	2359560	Perylene-d12	24.397

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Perylene	252	C20H12	000198-55-0	96
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95



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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-...	4.881	6.3	ng	525795	1	7.763	1664570	20.0
Benzophenone	15.768	4.6	ng	655328	3	14.410	2835680	20.0
n-Hexadecanoic ...	18.051	2.9	ng	486019	4	17.157	3339610	20.0
Benzo[e]pyrene	24.121	14.3	ng	2359560	6	24.397	3289930	20.0