

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050087.D
 Acq On : 02 May 2025 15:58
 Operator : RC/JU
 Sample : Q1914-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-3

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	329	rBV	542660	777492	5.41%	0.697%
2	5.340	392	400	423	rBV	5302357	7998320	55.61%	7.173%
3	6.934	660	671	695	rBV	4959983	8605539	59.83%	7.718%
4	7.746	802	809	818	rBV	1797249	2770199	19.26%	2.484%
5	8.910	999	1007	1031	rBV	3169135	5557472	38.64%	4.984%
6	10.539	1274	1284	1292	rBV	2176471	3737526	25.98%	3.352%
7	13.016	1697	1705	1722	rBV	9400150	14384052	100.00%	12.900%
8	14.392	1932	1939	1946	rBV	3530949	5206197	36.19%	4.669%
9	15.757	2165	2171	2178	rBV	1052524	1447307	10.06%	1.298%
10	15.892	2187	2194	2217	rBV	7926939	11514399	80.05%	10.327%
11	16.963	2372	2376	2384	rVB2	103179	174832	1.22%	0.157%
12	17.139	2400	2406	2410	rBV2	3895200	5567394	38.71%	4.993%
13	17.180	2410	2413	2420	rVB	1489129	2123736	14.76%	1.905%
14	17.274	2425	2429	2435	rVB	240155	379668	2.64%	0.341%
15	17.557	2470	2477	2488	rBV2	136714	297320	2.07%	0.267%
16	18.045	2551	2560	2563	rBV	899142	1680568	11.68%	1.507%
17	18.215	2583	2589	2592	rBV2	252480	451357	3.14%	0.405%
18	18.251	2593	2595	2600	rVB	140616	167732	1.17%	0.150%
19	18.462	2627	2631	2635	rBV2	115401	162895	1.13%	0.146%
20	18.521	2637	2641	2645	rVV	148532	217032	1.51%	0.195%
21	18.568	2645	2649	2659	rVB	161619	253005	1.76%	0.227%
22	18.939	2708	2712	2715	rBV	116937	173164	1.20%	0.155%
23	19.086	2733	2737	2743	rVB2	106448	174834	1.22%	0.157%
24	19.204	2752	2757	2764	rBV	2749500	3426622	23.82%	3.073%
25	19.568	2809	2819	2827	rBV	2113999	3469524	24.12%	3.112%
26	19.639	2828	2831	2839	rVB2	106346	173465	1.21%	0.156%
27	19.768	2847	2853	2858	rBV	12241251	14371965	99.92%	12.889%
28	20.815	3029	3031	3038	rVB	189011	232076	1.61%	0.208%
29	21.056	3069	3072	3080	rVB4	406309	705385	4.90%	0.633%
30	21.280	3107	3110	3116	rVB	559290	710614	4.94%	0.637%
31	21.380	3120	3127	3132	rVV2	2994456	5715651	39.74%	5.126%
32	21.427	3132	3135	3148	rVB	881209	1312591	9.13%	1.177%
33	23.433	3470	3476	3483	rBV	616997	1686253	11.72%	1.512%
34	24.097	3584	3589	3600	rVB	406878	977371	6.79%	0.877%
35	24.233	3606	3612	3625	rVB	523643	1291503	8.98%	1.158%
36	24.374	3629	3636	3644	rVV	1568592	3606913	25.08%	3.235%

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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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

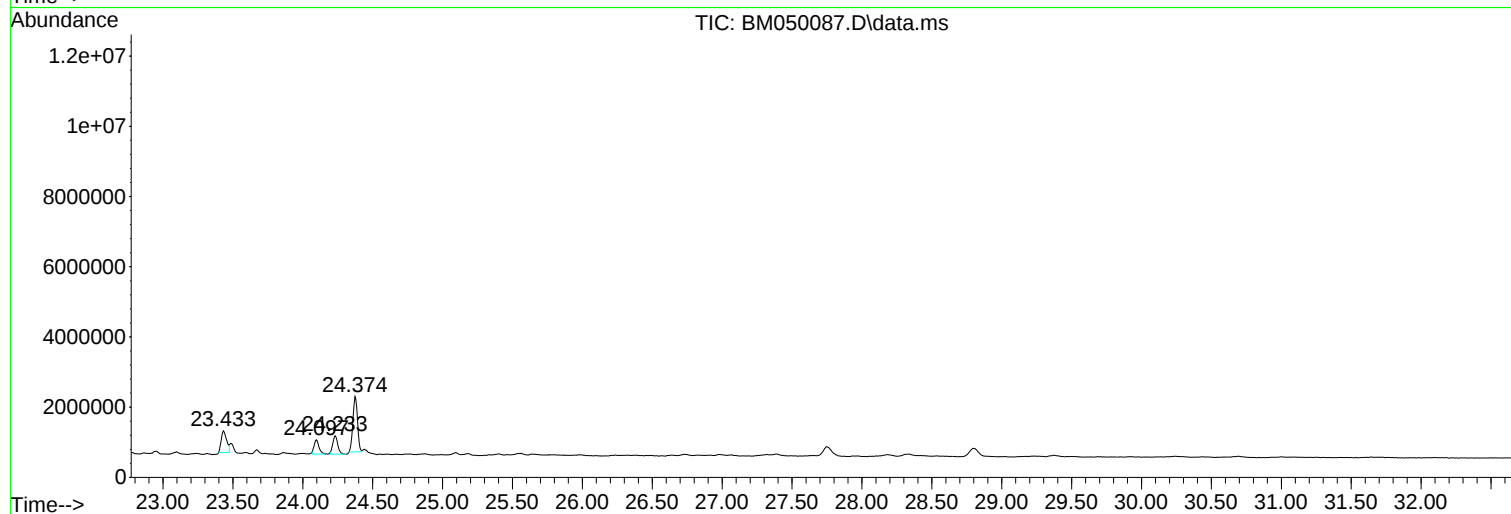
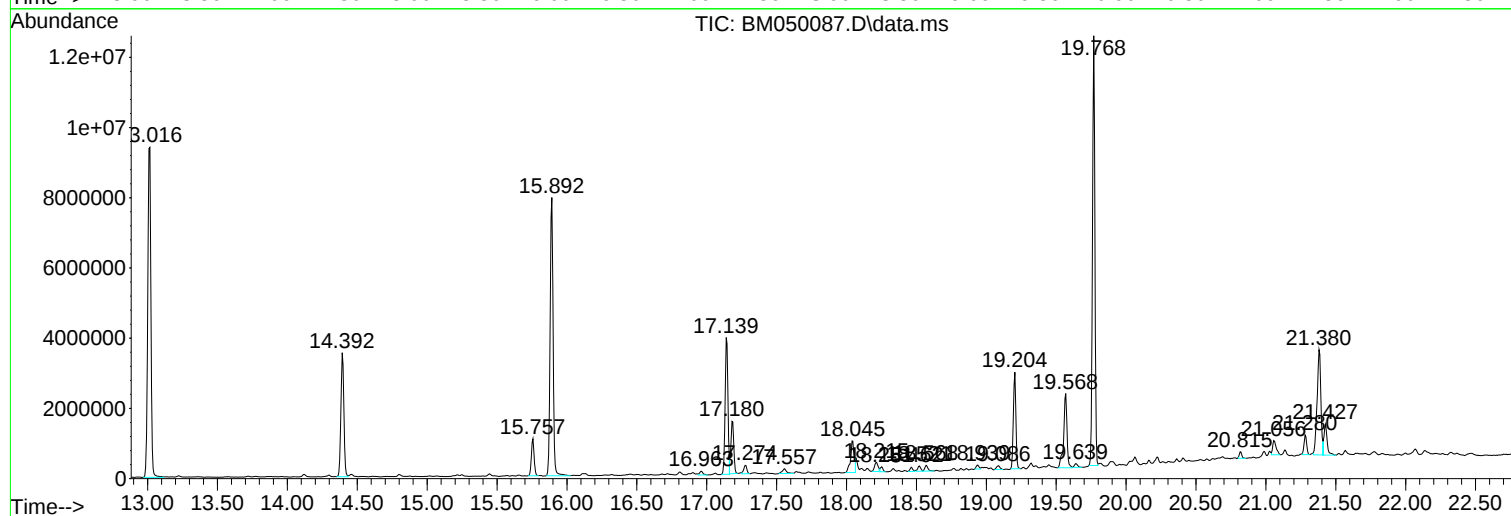
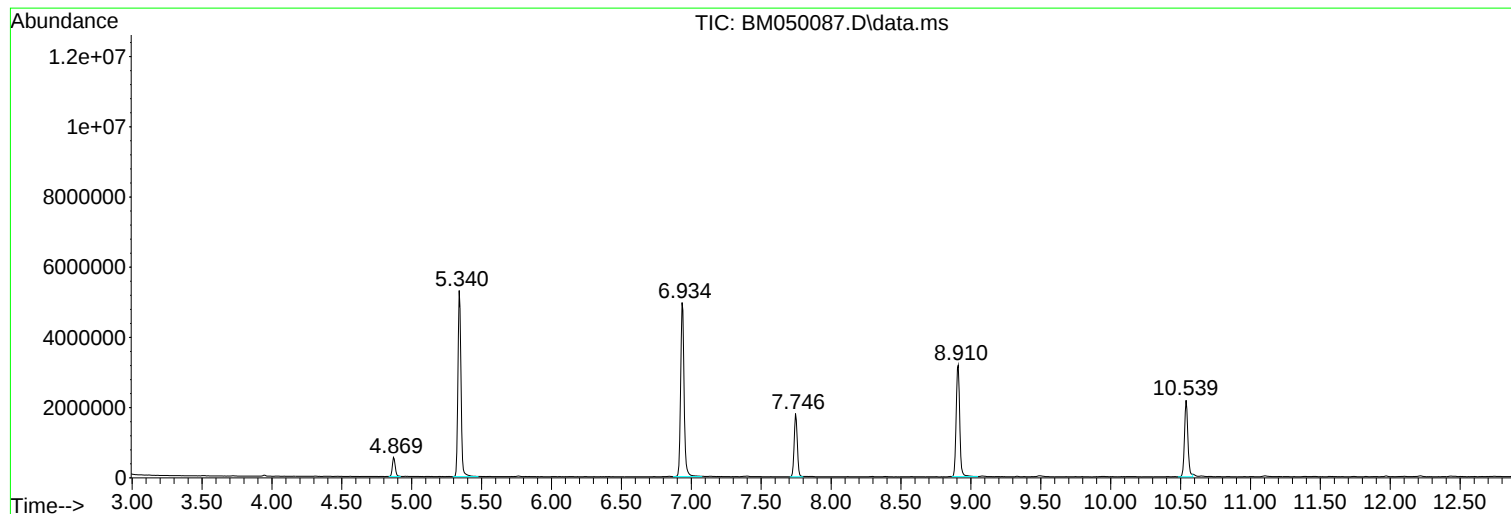
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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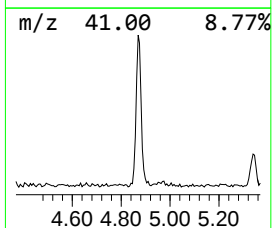
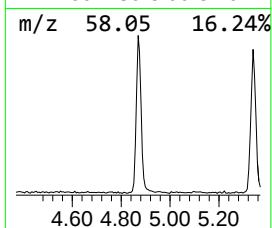
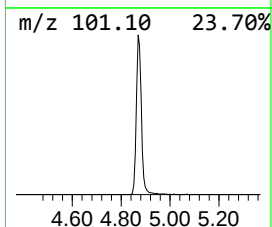
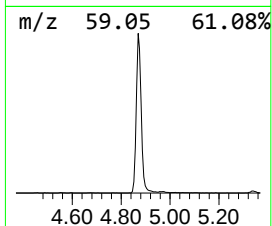
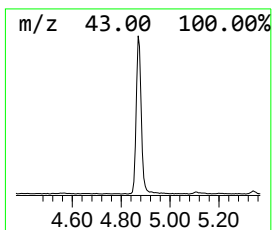
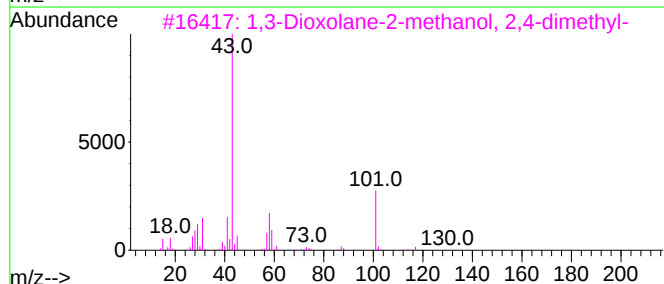
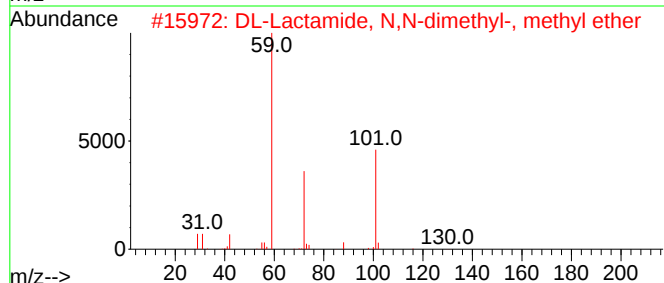
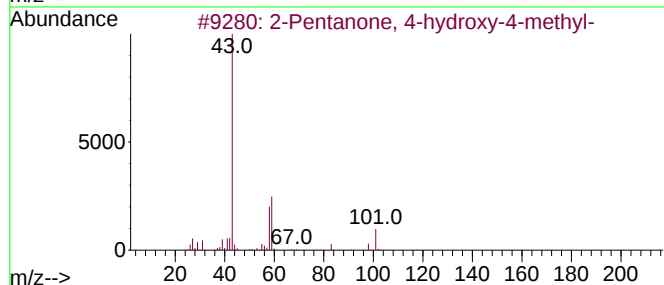
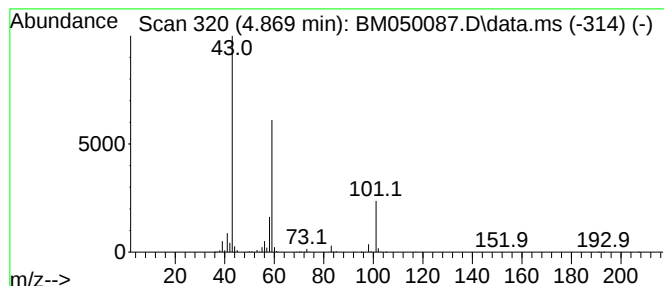
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.869	5.61 ng	777492	1,4-Dichlorobenzene-d4	7.746

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	33
3			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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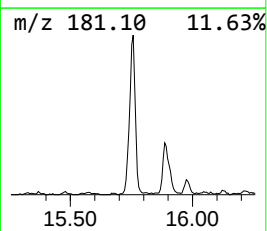
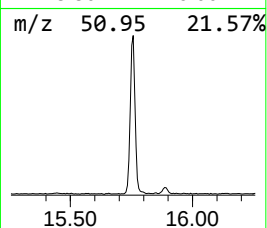
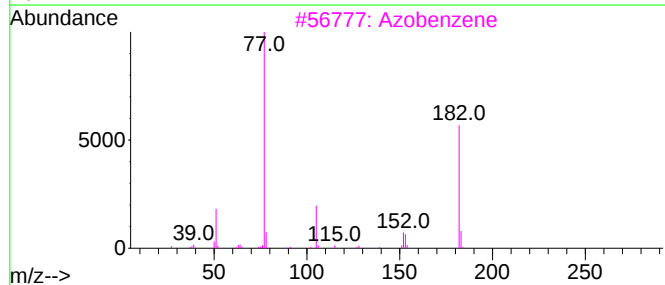
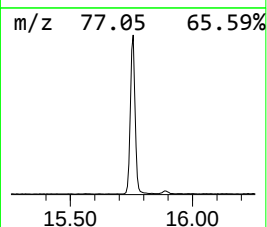
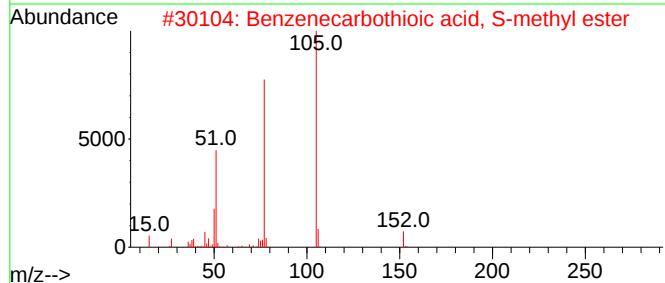
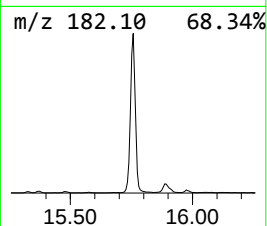
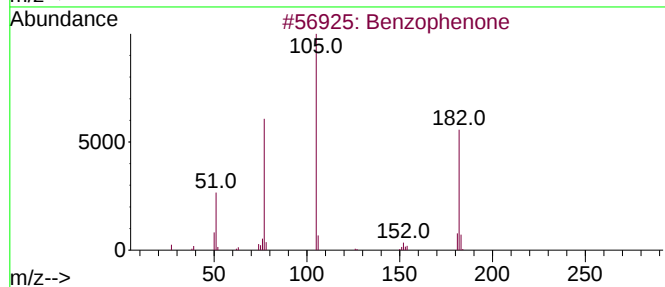
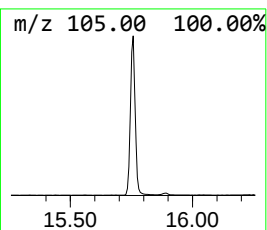
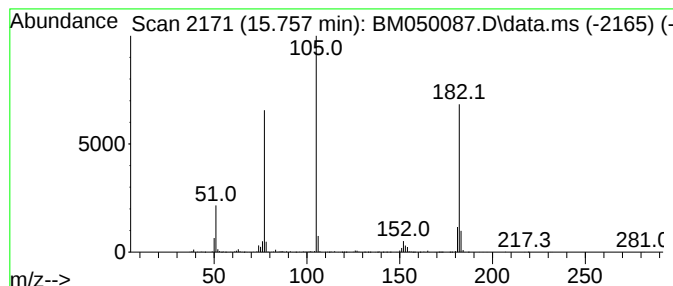
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	5.56 ng	1447310	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3			Azobenzene	182	C12H10N2	000103-33-3	47
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
5			Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	43



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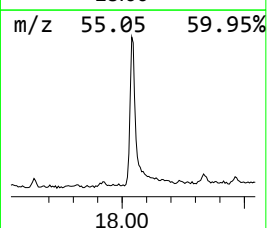
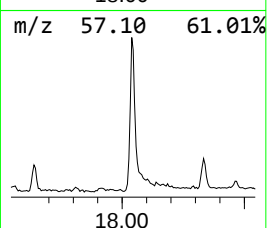
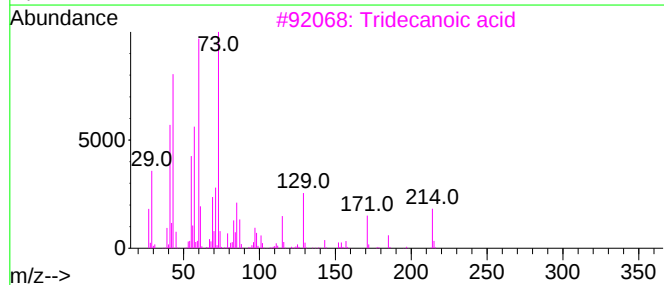
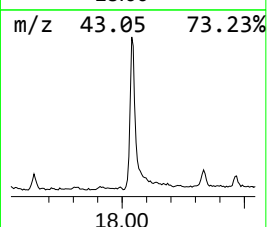
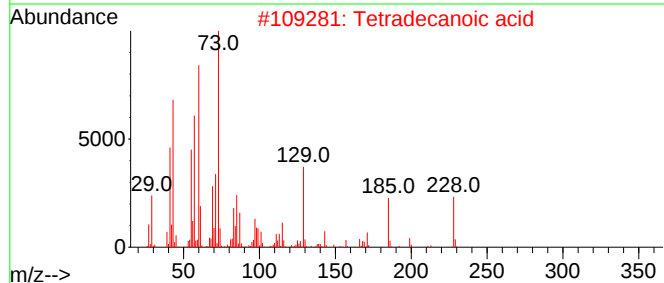
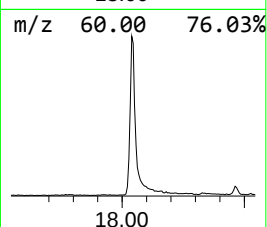
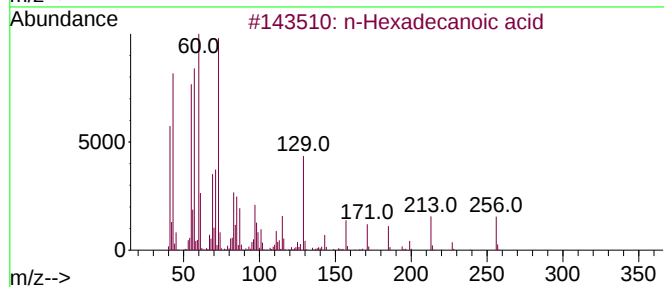
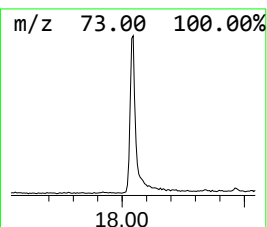
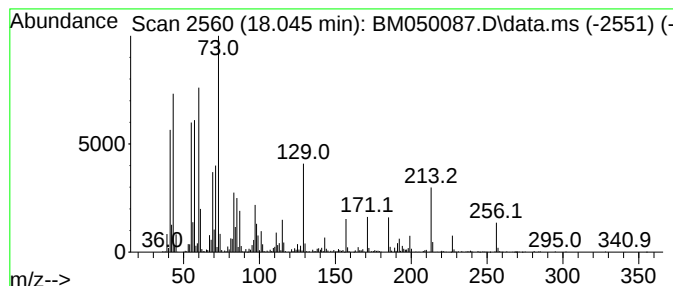
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	6.04 ng	1680570	Phenanthrene-d10	17.139

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	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Octadecanoic acid	284	C18H36O2	000057-11-4	90



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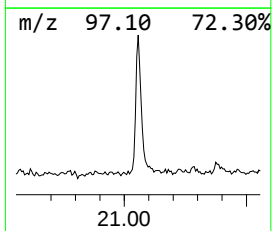
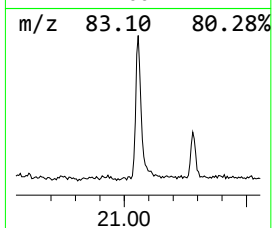
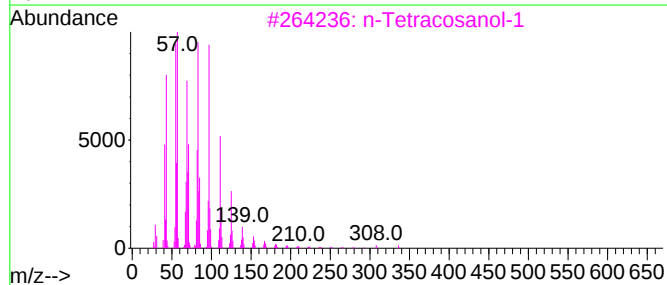
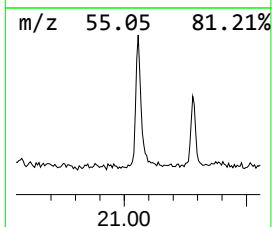
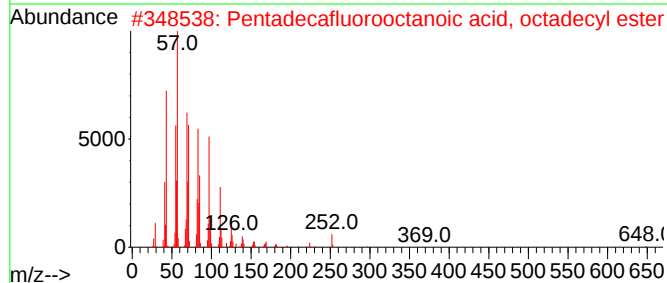
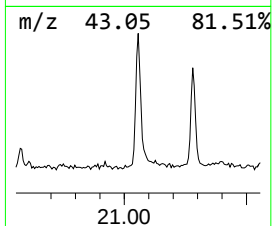
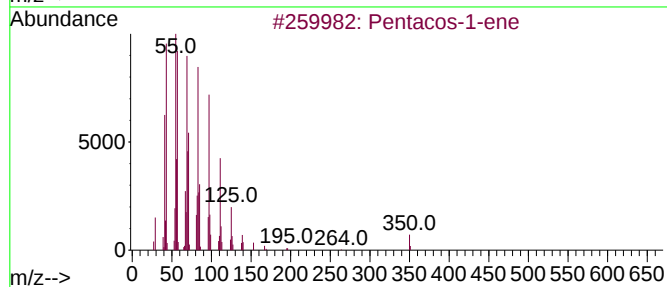
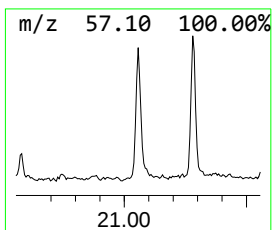
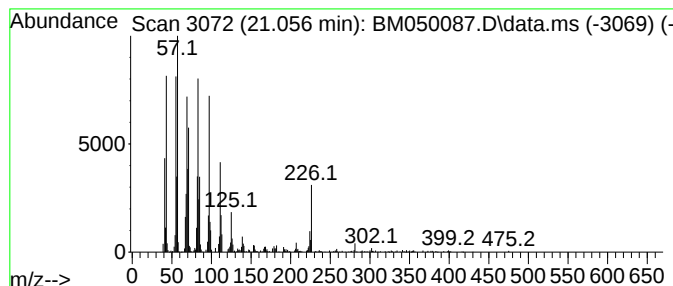
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Pentacos-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.056	2.47 ng	705385	Chrysene-d12	21.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	93



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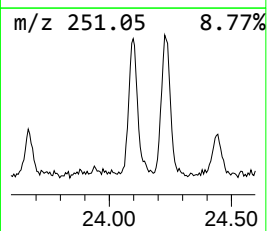
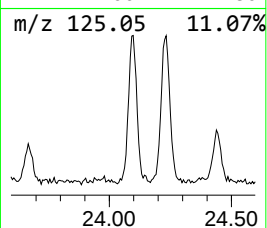
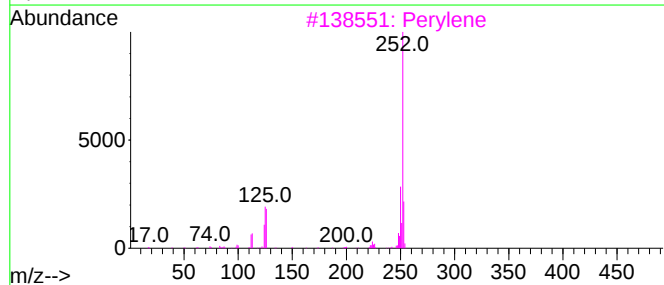
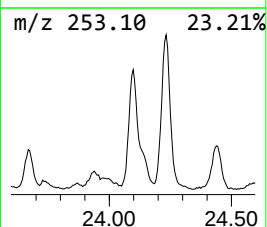
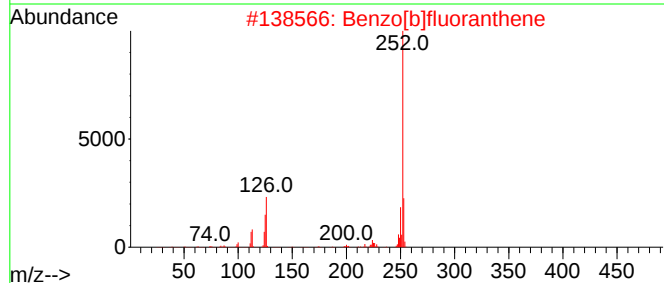
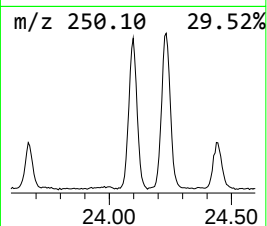
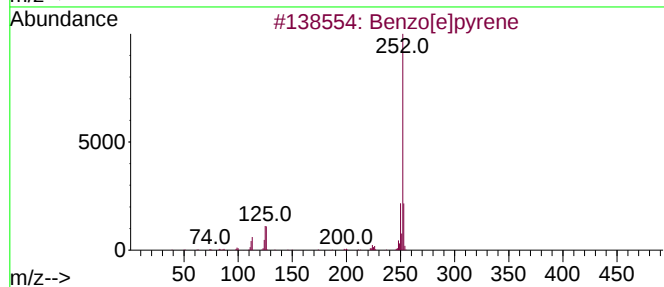
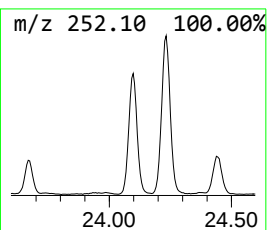
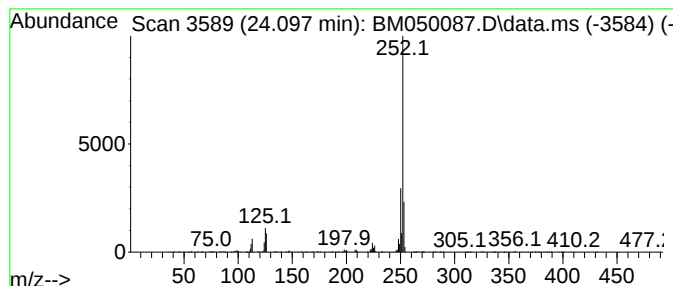
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.097	5.42 ng	977371	Perylene-d12	24.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050087.D
Acq On : 02 May 2025 15:58
Operator : RC/JU
Sample : Q1914-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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-...	4.869	5.6	ng	777492	1	7.746	2770200	20.0
Benzophenone	15.757	5.6	ng	1447310	3	14.392	5206200	20.0
n-Hexadecanoic ...	18.045	6.0	ng	1680570	4	17.139	5567390	20.0
Pentacos-1-ene	21.056	2.5	ng	705385	5	21.380	5715650	20.0
Benzo[e]pyrene	24.097	5.4	ng	977371	6	24.374	3606910	20.0