

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142995.D
 Acq On : 03 Jul 2025 14:25
 Operator : RC/JU
 Sample : Q2484-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-57

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_F\Methods\8270-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142995.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.963	294	301	308	rBB	21278	32599	2.94%	0.324%
2	5.093	486	493	506	rBV	59777	91673	8.27%	0.912%
3	5.357	534	538	545	rVB	22654	29227	2.64%	0.291%
4	5.493	552	561	583	rBV	678666	985377	88.92%	9.807%
5	5.722	597	600	605	rVB	17426	20178	1.82%	0.201%
6	6.398	711	715	718	rBV	11972	13831	1.25%	0.138%
7	6.504	723	733	740	rBV	699281	923144	83.30%	9.188%
8	6.698	761	766	771	rBV2	25281	32219	2.91%	0.321%
9	6.875	791	796	802	rBV	311399	393856	35.54%	3.920%
10	7.434	883	891	896	rBV	465734	597290	53.90%	5.945%
11	8.157	1006	1014	1022	rBV	422942	529252	47.76%	5.267%
12	9.233	1191	1197	1202	rBV	873756	1108171	100.00%	11.029%
13	9.916	1307	1313	1317	rBV	470430	593928	53.60%	5.911%
14	10.463	1401	1406	1413	rVB	11097	13481	1.22%	0.134%
15	10.627	1429	1434	1439	rBV	195993	242917	21.92%	2.418%
16	10.704	1442	1447	1459	rVV	557762	697028	62.90%	6.937%
17	10.933	1482	1486	1493	rBV	29169	36672	3.31%	0.365%
18	11.404	1561	1566	1575	rBV2	482553	724285	65.36%	7.209%
19	11.480	1575	1579	1583	rVB	17820	21925	1.98%	0.218%
20	11.639	1599	1606	1611	rBV2	7175	12453	1.12%	0.124%
21	11.927	1647	1655	1661	rBV2	37416	75689	6.83%	0.753%
22	12.022	1667	1671	1679	rVB	22978	41409	3.74%	0.412%
23	12.621	1768	1773	1778	rBV	155515	196583	17.74%	1.957%
24	12.851	1804	1812	1816	rBV	130368	195584	17.65%	1.947%
25	12.992	1828	1836	1844	rVB	728181	965138	87.09%	9.606%
26	13.069	1844	1849	1854	rBV3	7604	13285	1.20%	0.132%
27	13.180	1859	1868	1871	rBV	15447	27986	2.53%	0.279%
28	13.245	1875	1879	1882	rVV	12067	15796	1.43%	0.157%
29	13.280	1882	1885	1893	rVB3	9972	15544	1.40%	0.155%
30	13.898	1985	1990	1999	rVB3	20312	41999	3.79%	0.418%
31	14.051	2007	2016	2029	rVB2	324490	524487	47.33%	5.220%
32	14.157	2029	2034	2038	rBV2	9884	14569	1.31%	0.145%
33	15.110	2190	2196	2204	rBV	56392	128060	11.56%	1.275%
34	15.221	2211	2215	2218	rBV	9834	14551	1.31%	0.145%
35	15.415	2243	2248	2254	rVB	31659	52586	4.75%	0.523%
36	15.480	2254	2259	2264	rBV	50285	76952	6.94%	0.766%

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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_F\Methods\8270-BF061925.M
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37	15.545	2264	2270	2284	rVB	286357	471964	42.59%	4.697%
38	17.056	2521	2527	2536	rVB2	19008	41492	3.74%	0.413%
39	17.515	2598	2605	2615	rBV	13831	34459	3.11%	0.343%

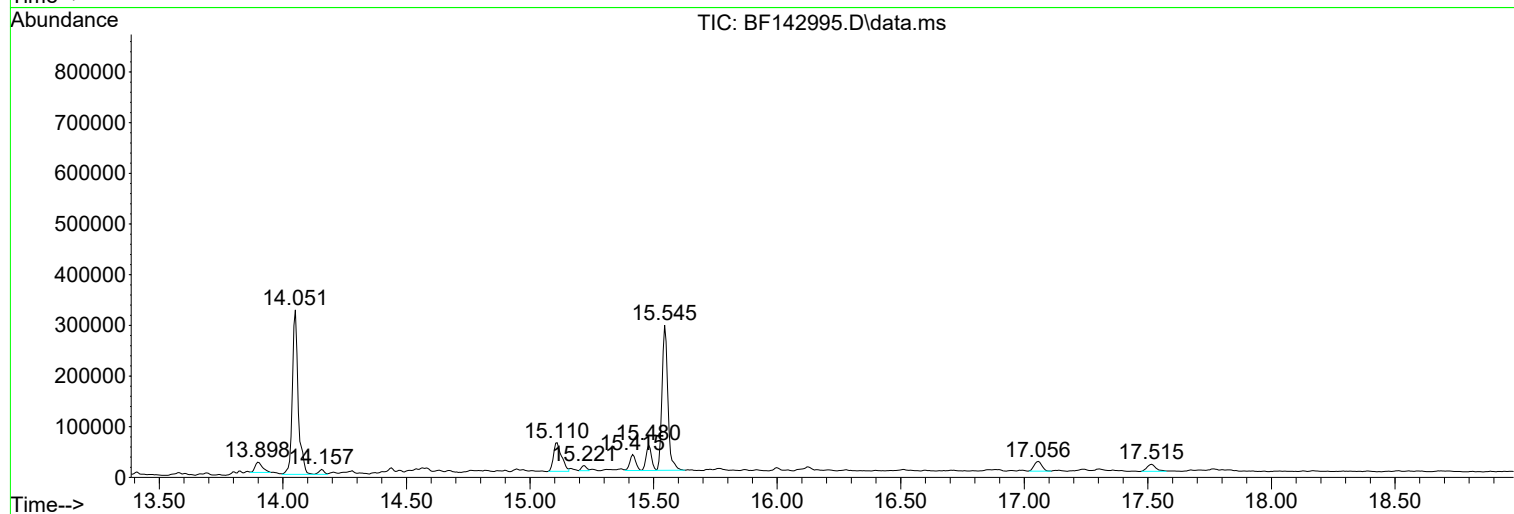
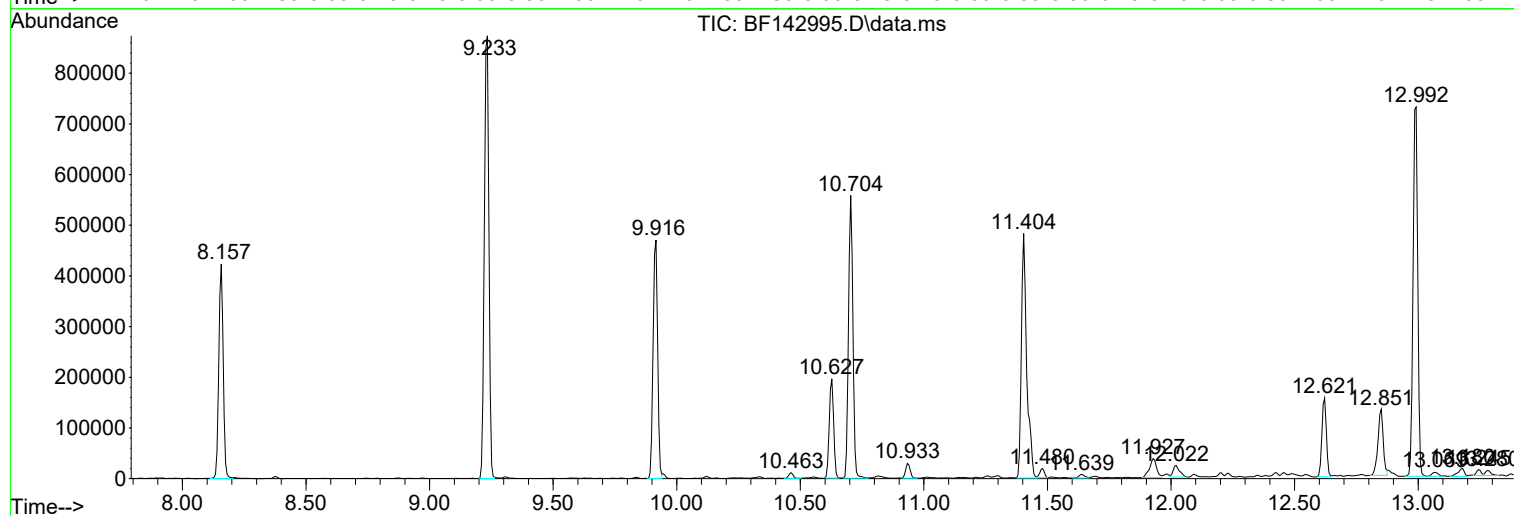
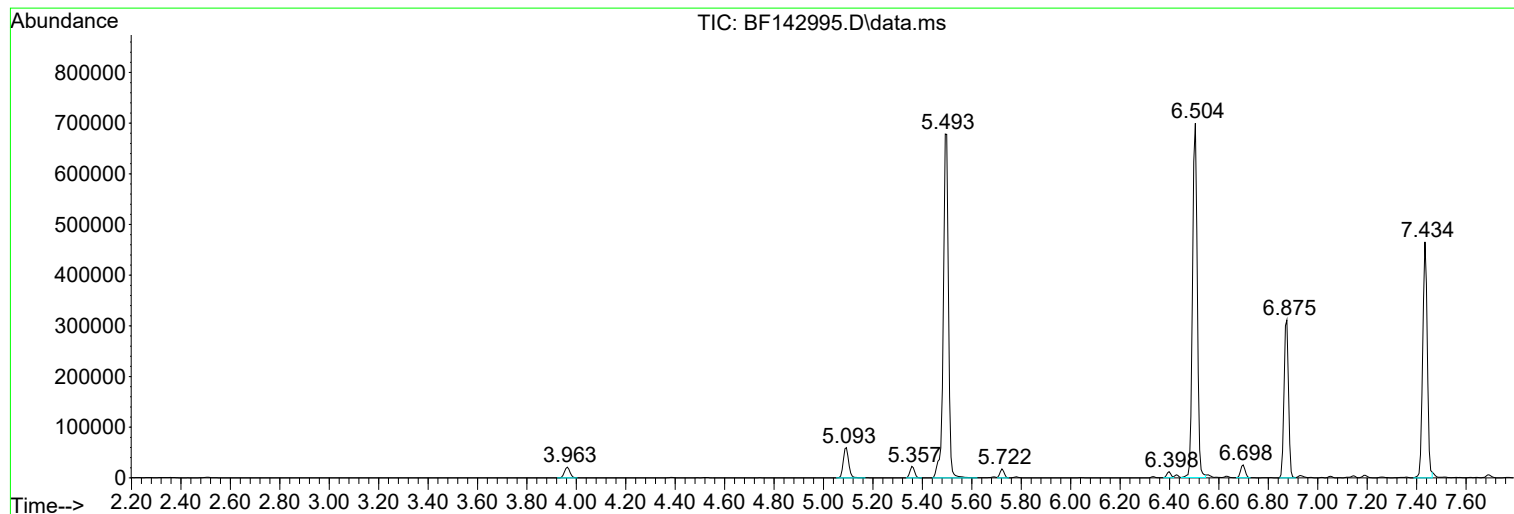
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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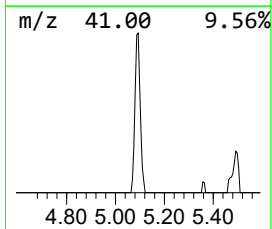
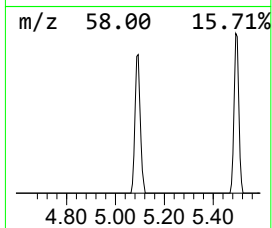
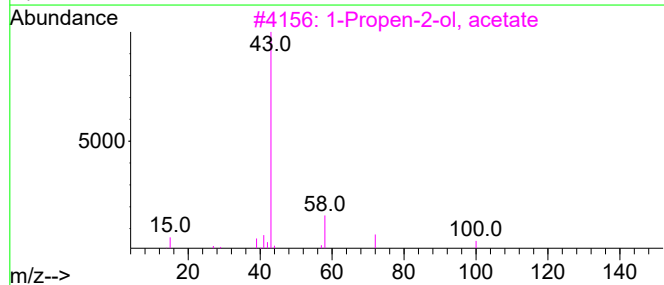
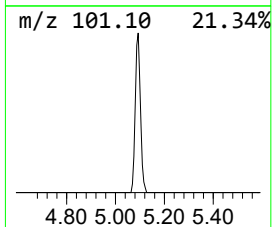
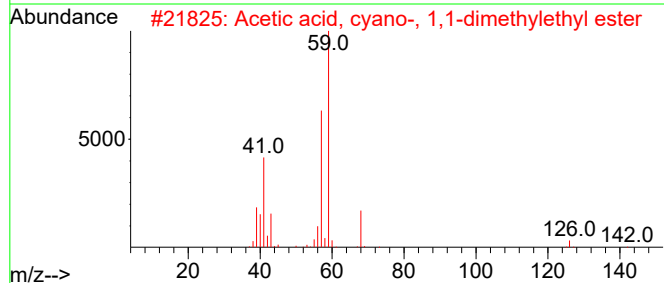
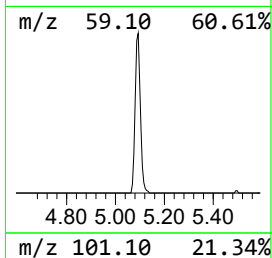
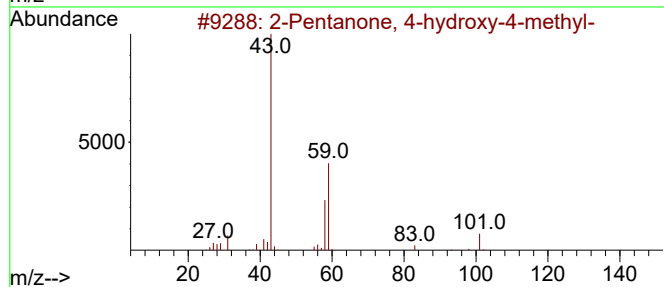
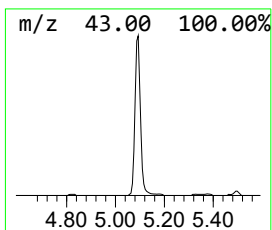
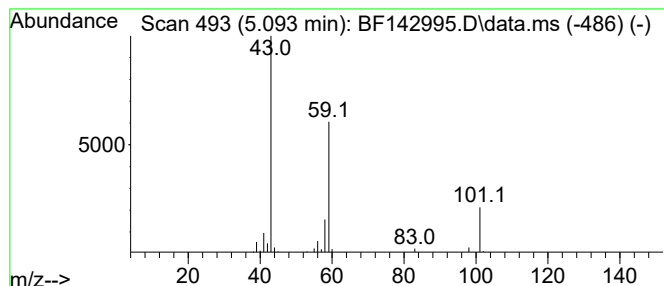
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.093	4.66 ng	91673	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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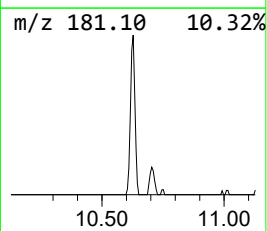
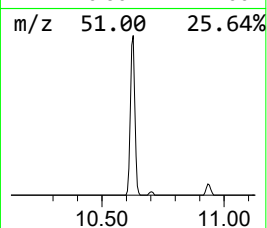
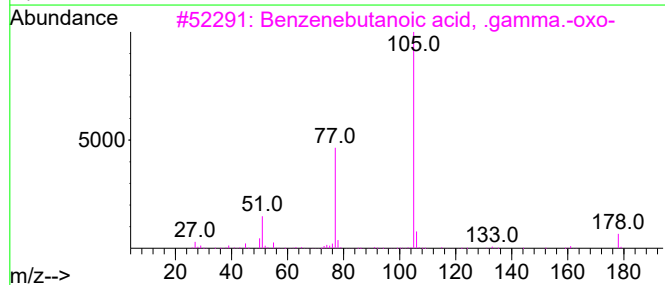
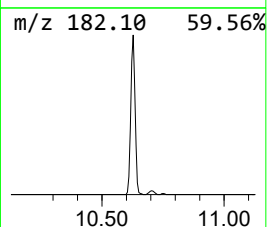
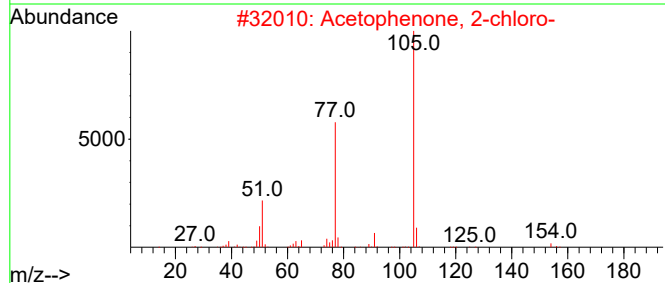
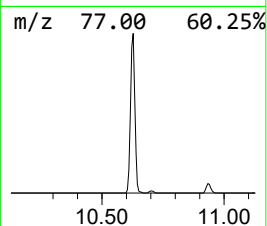
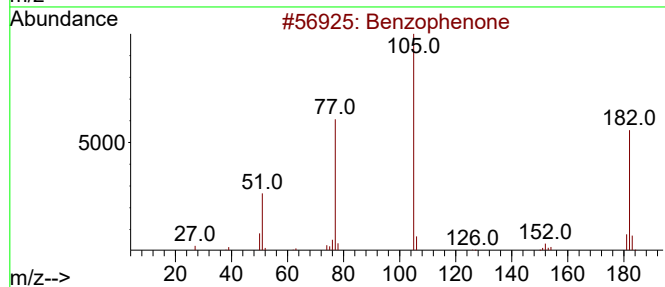
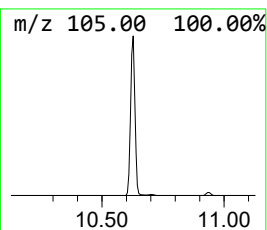
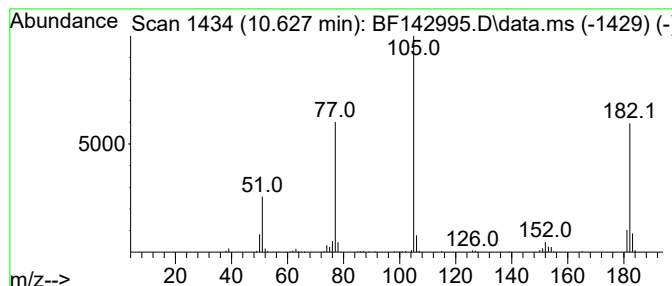
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	8.18 ng	242917	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47



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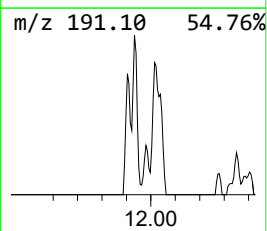
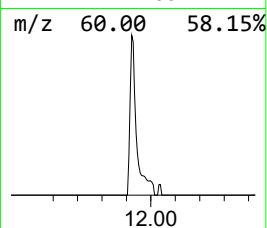
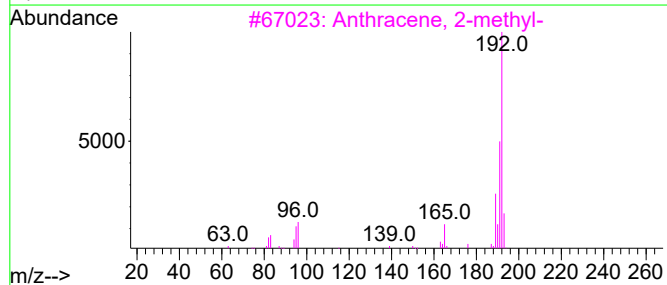
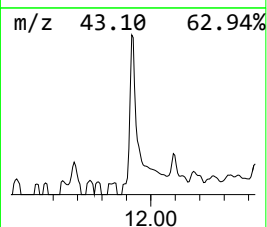
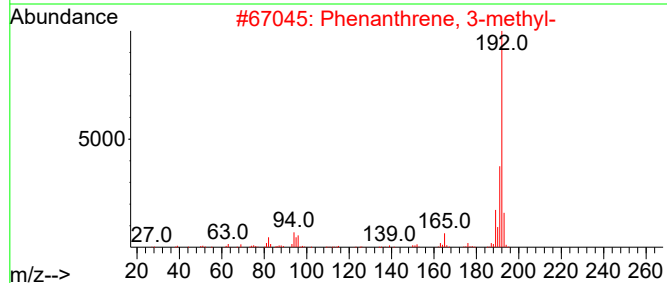
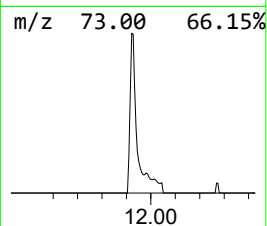
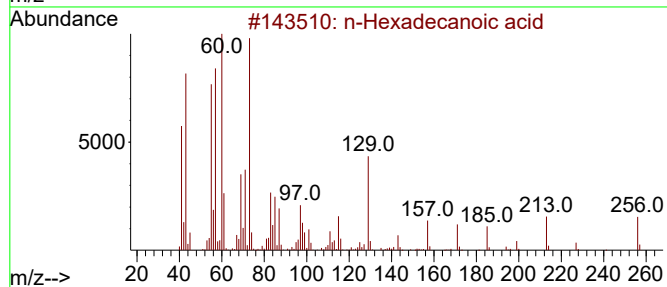
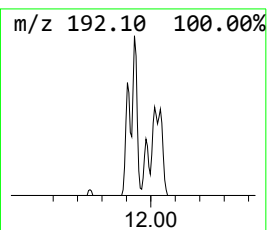
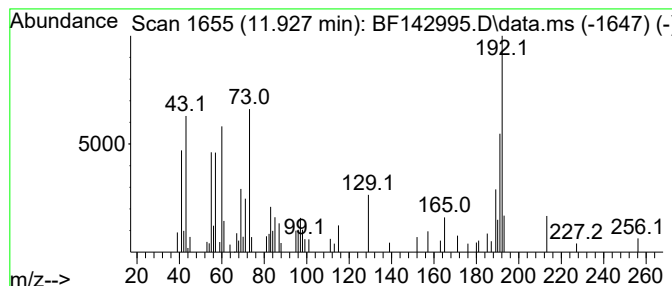
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.09 ng	75689	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	60



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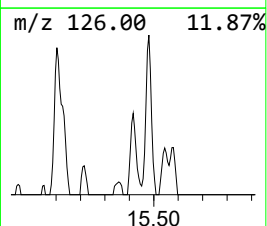
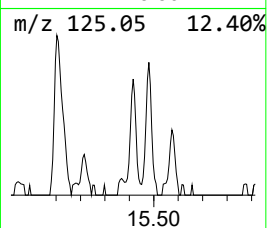
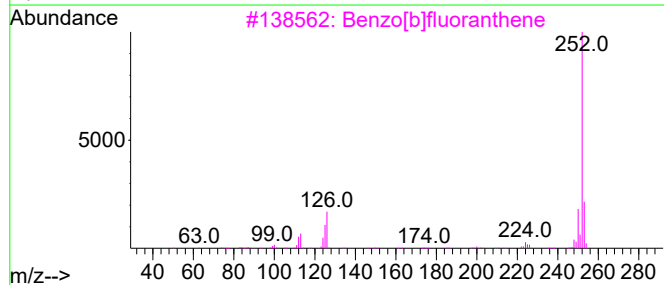
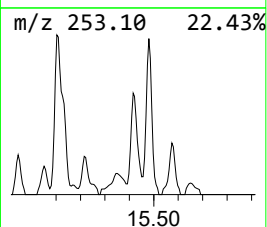
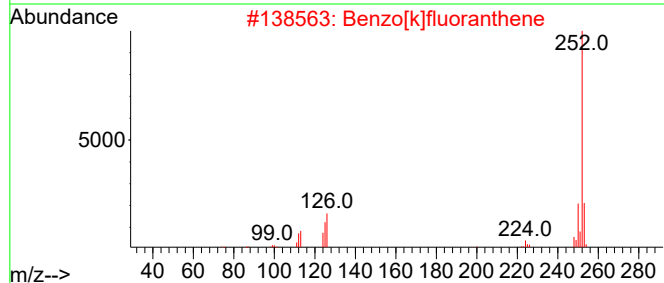
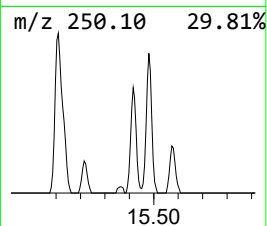
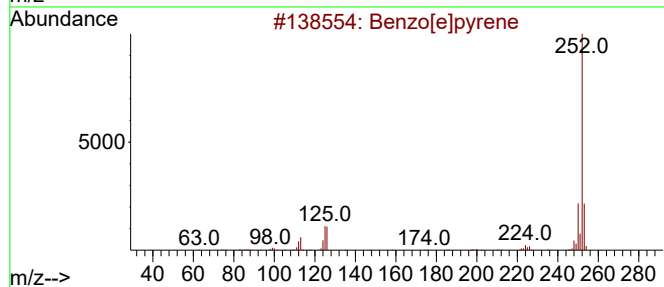
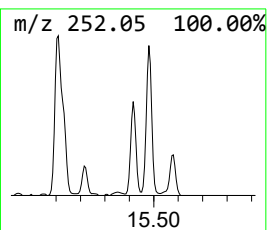
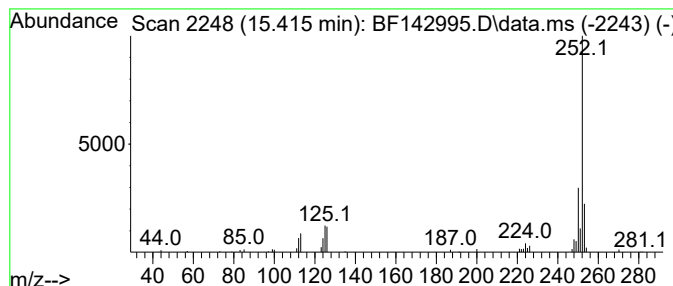
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	2.23 ng	52586	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	94
5			Perylene	252	C20H12	000198-55-0	93



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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-...	5.093	4.7	ng	91673	1	6.875	393856	20.0
Benzophenone	10.628	8.2	ng	242917	3	9.916	593928	20.0
n-Hexadecanoic ...	11.927	2.1	ng	75689	4	11.404	724285	20.0
Benzo[e]pyrene	15.415	2.2	ng	52586	6	15.545	471964	20.0