

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142892.D
 Acq On : 27 Jun 2025 14:47
 Operator : RC/JU
 Sample : Q2413-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

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: BF142892.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	487	493	504	rVB	88373	129587	8.78%	1.219%
2	5.498	556	562	575	rBV	932643	1245824	84.43%	11.720%
3	6.504	727	733	752	rVB	934232	1237744	83.88%	11.644%
4	6.875	791	796	801	rBV	342559	410285	27.80%	3.860%
5	7.439	886	892	897	rBV	619638	790162	53.55%	7.433%
6	8.157	1009	1014	1028	rBV	400745	514636	34.88%	4.841%
7	9.233	1192	1197	1202	rBV	1172249	1475657	100.00%	13.882%
8	9.916	1308	1313	1319	rBV	417166	508129	34.43%	4.780%
9	10.627	1429	1434	1440	rBV	143239	179273	12.15%	1.686%
10	10.710	1442	1448	1457	rBV	552948	734272	49.76%	6.907%
11	11.404	1561	1566	1577	rBV	345416	450063	30.50%	4.234%
12	11.927	1649	1655	1667	rBV3	44644	78843	5.34%	0.742%
13	12.621	1768	1773	1778	rBV	59893	73784	5.00%	0.694%
14	12.716	1785	1789	1796	rBV	11030	16730	1.13%	0.157%
15	12.851	1806	1812	1816	rBV	54813	75889	5.14%	0.714%
16	12.992	1829	1836	1841	rBV	921046	1173224	79.51%	11.037%
17	13.180	1861	1868	1872	rBV3	9360	20374	1.38%	0.192%
18	13.886	1983	1988	1999	rVB3	56403	102724	6.96%	0.966%
19	14.051	2008	2016	2029	rBV2	383454	620019	42.02%	5.833%
20	14.204	2038	2042	2047	rBV2	11256	19821	1.34%	0.186%
21	14.515	2092	2095	2101	rBV6	10153	21394	1.45%	0.201%
22	15.110	2190	2196	2204	rBV	64224	152669	10.35%	1.436%
23	15.215	2211	2214	2218	rBV	12335	16236	1.10%	0.153%
24	15.415	2244	2248	2254	rVB	31939	52532	3.56%	0.494%
25	15.480	2254	2259	2264	rBV	45477	70952	4.81%	0.667%
26	15.545	2264	2270	2282	rVB	231590	394916	26.76%	3.715%
27	17.056	2522	2527	2535	rVB2	17670	36915	2.50%	0.347%
28	17.509	2600	2604	2612	rVB	13215	27614	1.87%	0.260%

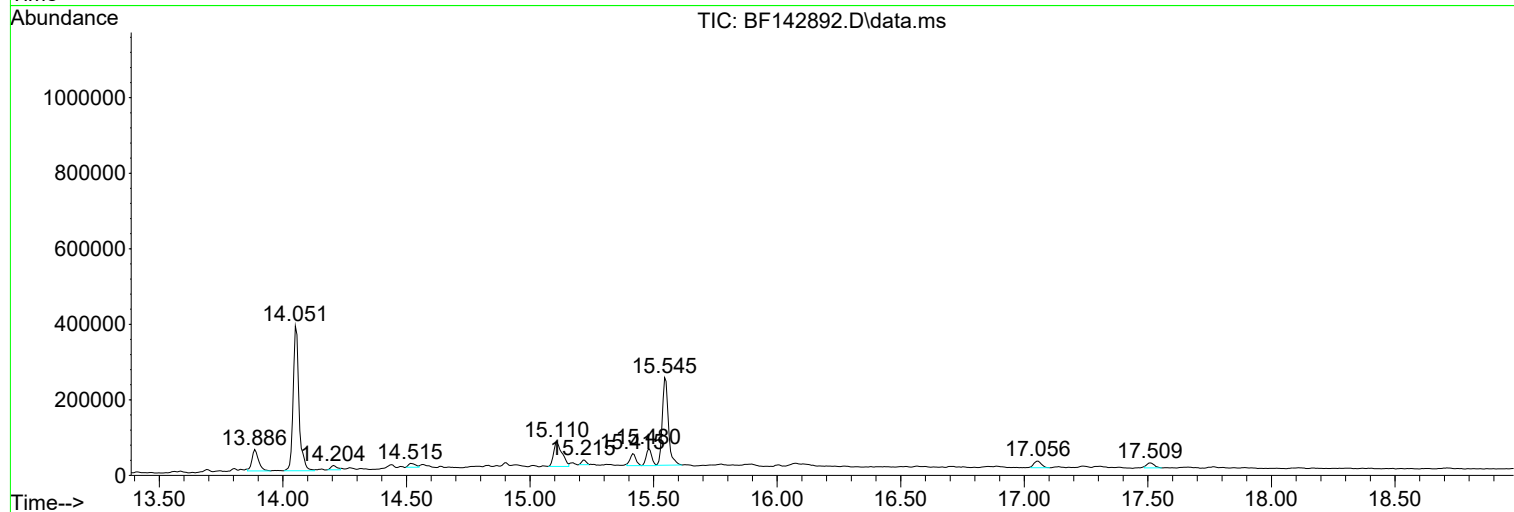
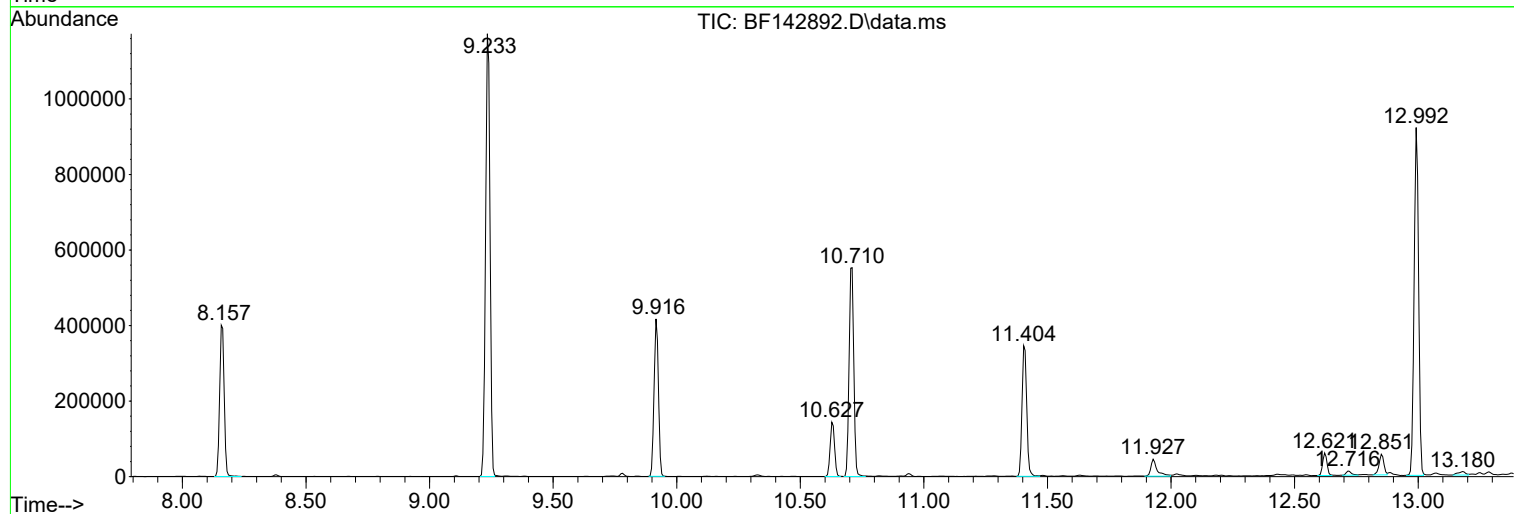
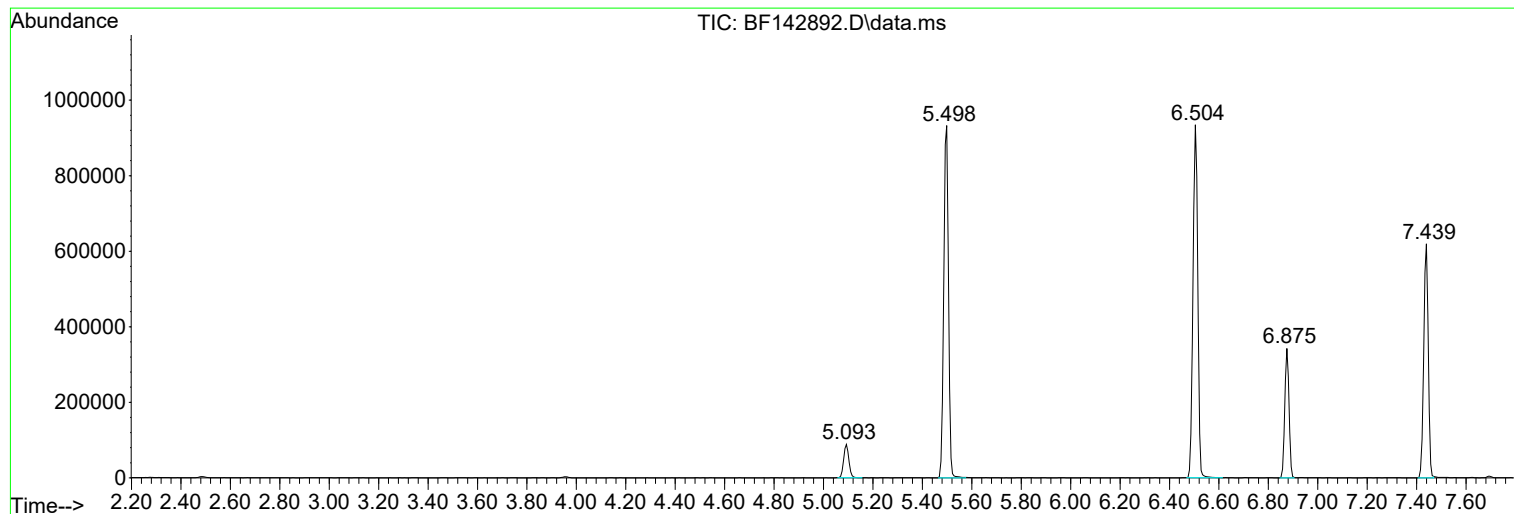
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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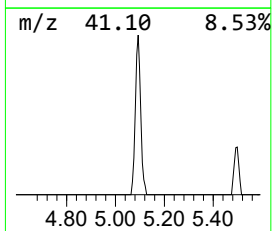
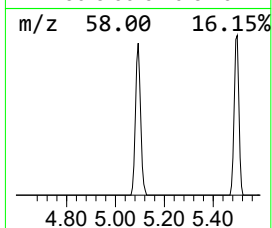
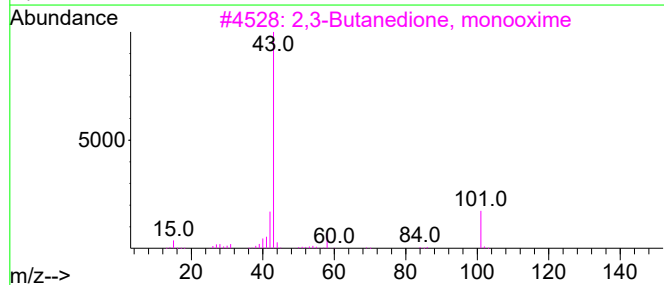
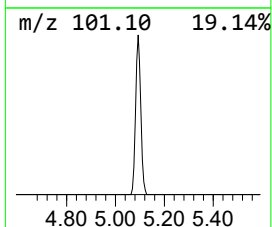
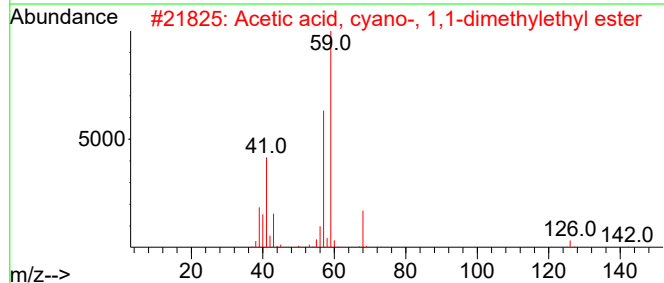
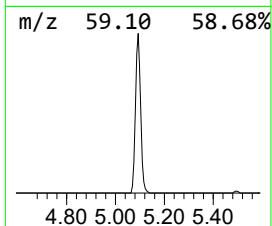
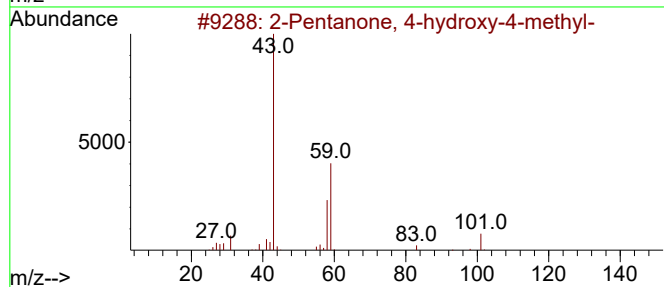
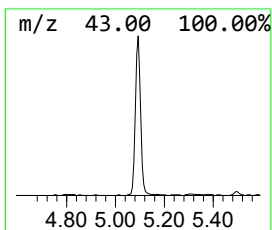
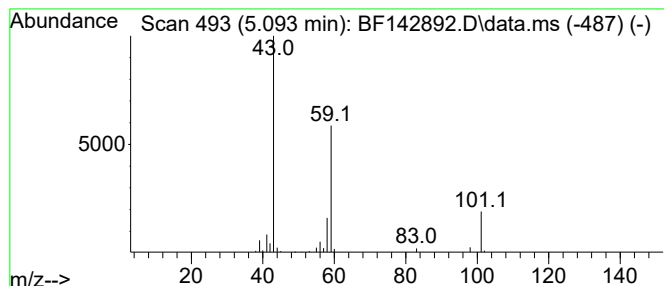
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	6.32 ng	129587	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	32		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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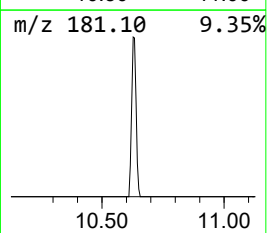
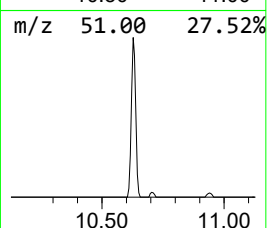
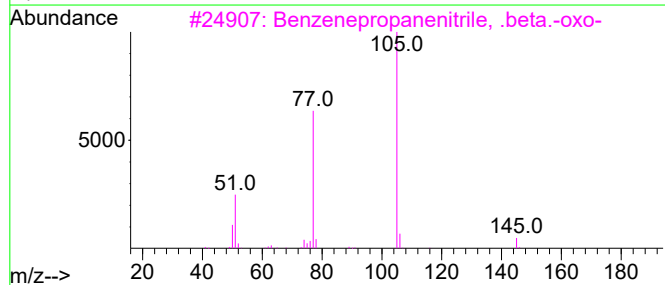
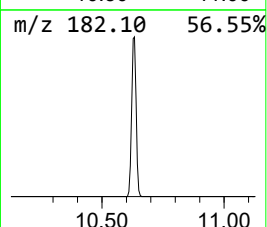
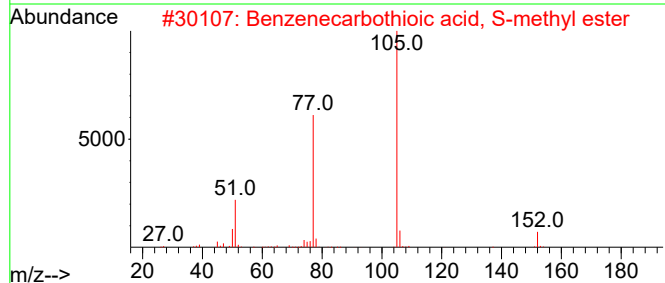
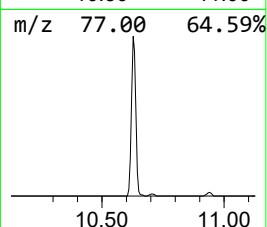
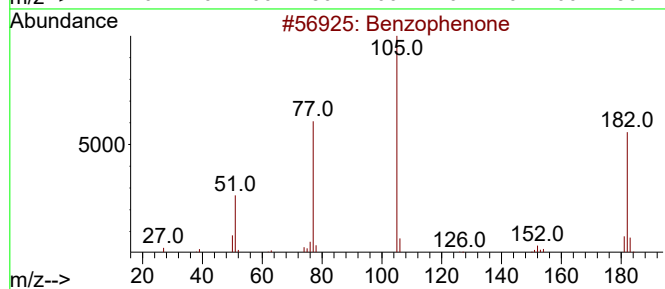
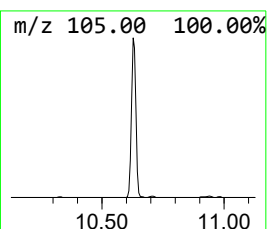
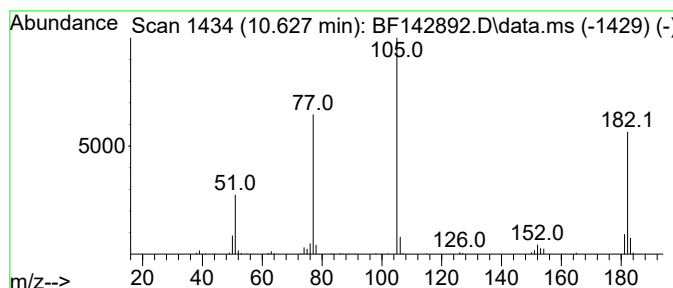
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	7.06 ng	179273	Acenaphthene-d10	9.916

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	60
3			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



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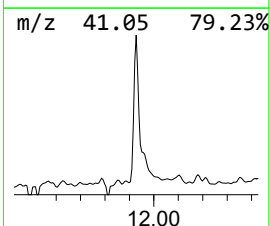
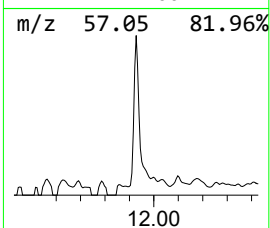
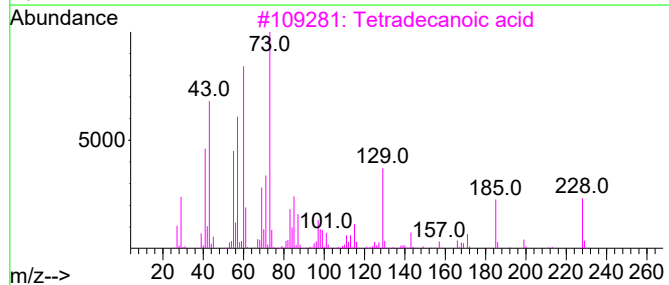
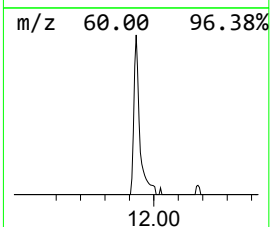
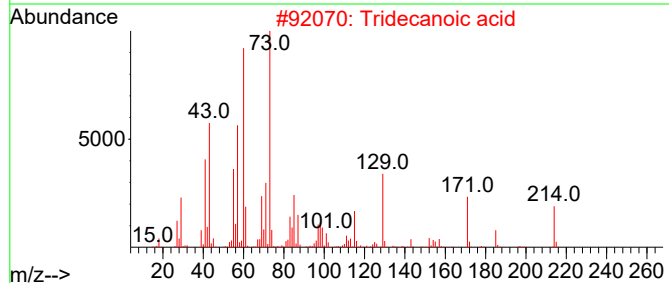
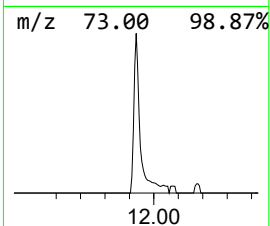
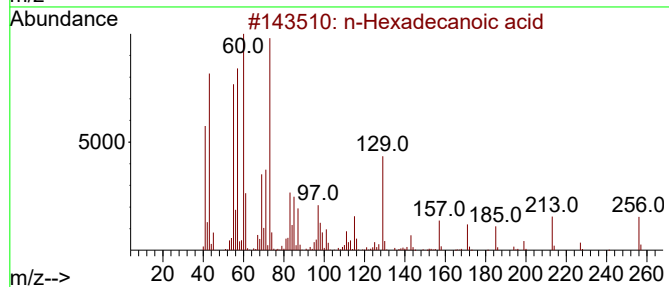
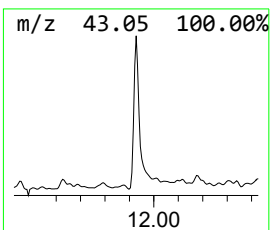
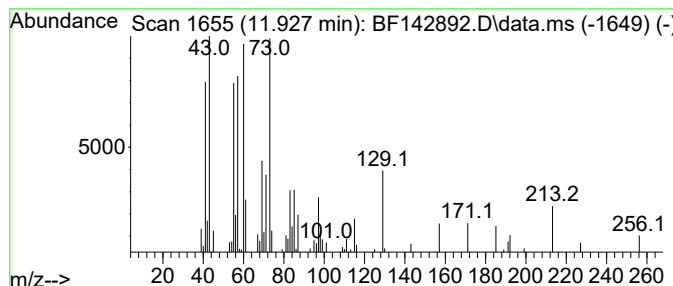
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.50 ng	78843	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	72
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			n-Decanoic acid	172	C10H20O2	000334-48-5	52
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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Misc :
ALS Vial : 12 Sample Multiplier: 1

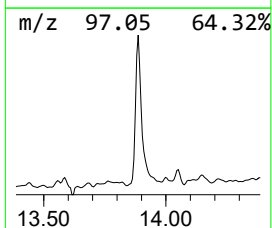
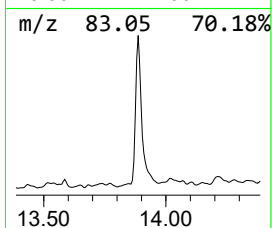
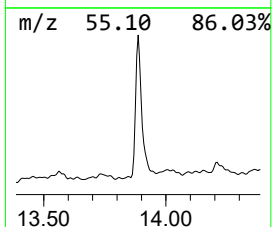
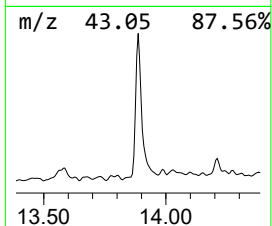
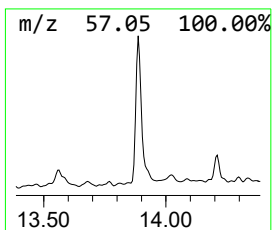
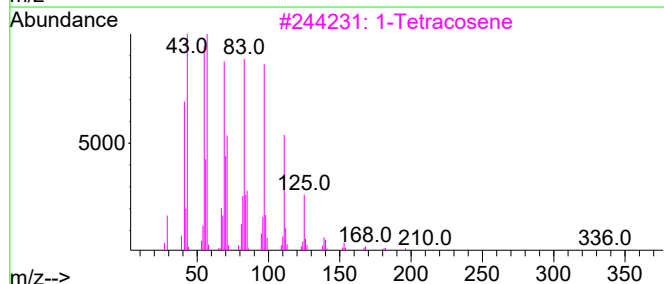
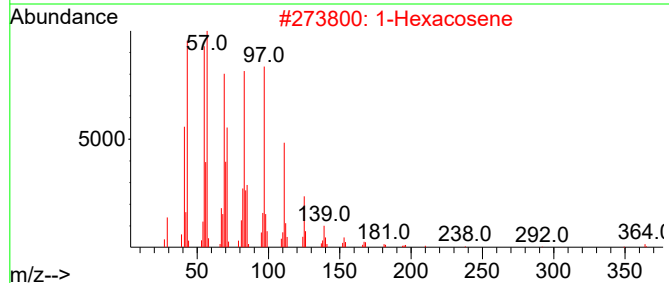
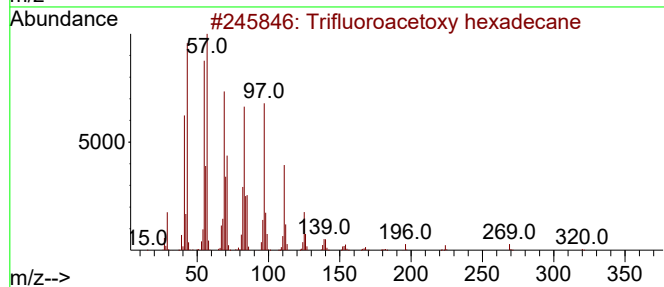
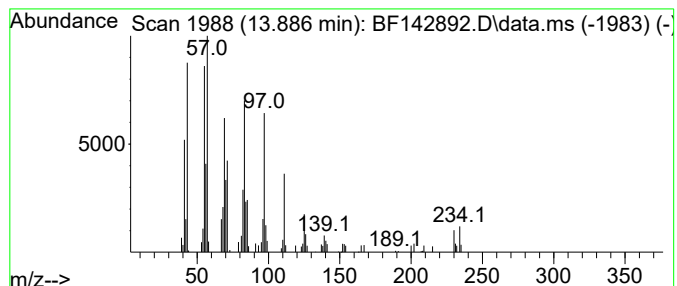
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.886	3.31 ng	102724	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	1-Tetracosene	336	C24H48	010192-32-2	90
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



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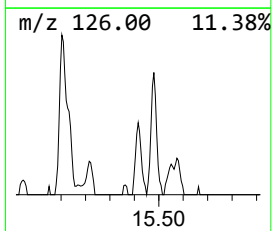
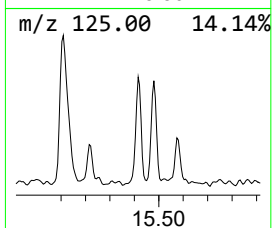
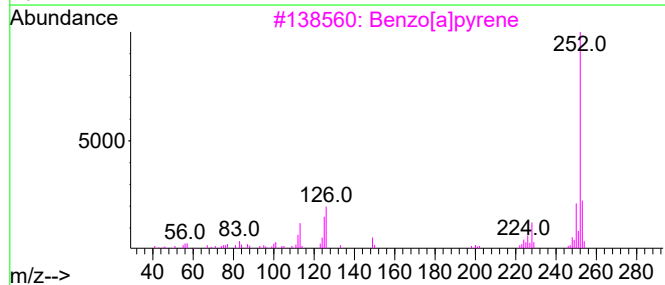
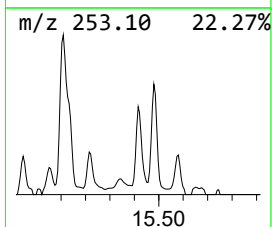
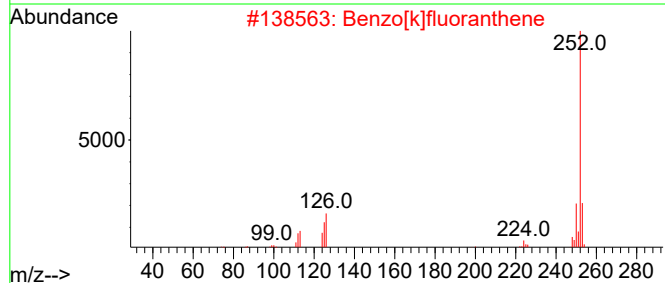
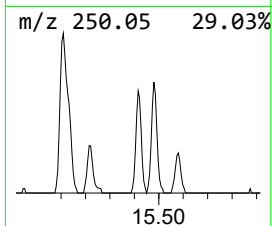
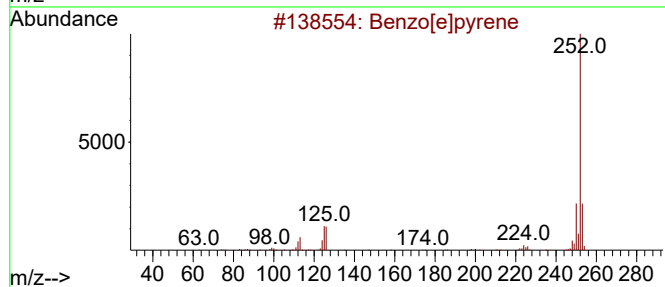
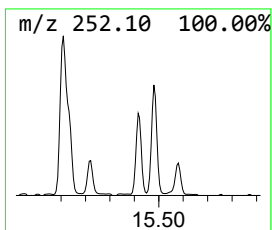
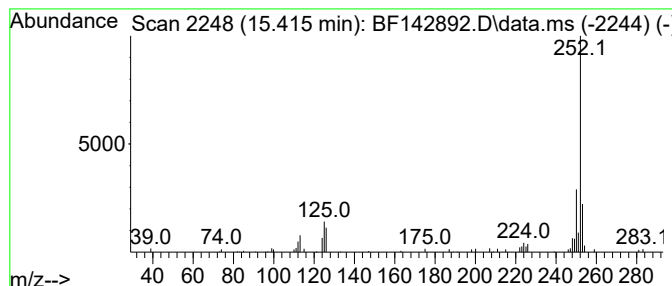
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	2.66 ng	52532	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[a]pyrene	252	C20H12	000050-32-8	95
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	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
2-Pentanone, 4-...	5.093	6.3	ng	129587	1	6.875	410285	20.0
Benzophenone	10.628	7.1	ng	179273	3	9.916	508129	20.0
n-Hexadecanoic ...	11.927	3.5	ng	78843	4	11.404	450063	20.0
Trifluoroacetox...	13.886	3.3	ng	102724	5	14.051	620019	20.0
Benzo[e]pyrene	15.415	2.7	ng	52532	6	15.545	394916	20.0