

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142400.D
 Acq On : 15 May 2025 19:09
 Operator : RC/JU
 Sample : Q2022-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

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-BF050525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	487	497	509	rBV	200835	311835	10.48%	1.277%
2	5.510	558	564	570	rBV	1874908	2489397	83.64%	10.194%
3	6.516	729	735	740	rBV	1937092	2633912	88.50%	10.786%
4	6.898	795	800	805	rBV	740906	906188	30.45%	3.711%
5	7.457	889	895	900	rBV	1262850	1619021	54.40%	6.630%
6	7.710	933	938	945	rBV	31891	40051	1.35%	0.164%
7	8.181	1013	1018	1034	rVB	957305	1195350	40.16%	4.895%
8	9.257	1195	1201	1206	rBV	2386296	2976330	100.00%	12.189%
9	9.334	1210	1214	1218	rVV2	22806	29919	1.01%	0.123%
10	9.934	1311	1316	1322	rBV	1039159	1342794	45.12%	5.499%
11	10.651	1433	1438	1444	rVB	333539	428578	14.40%	1.755%
12	10.722	1445	1450	1461	rBV	1618945	2090324	70.23%	8.560%
13	11.422	1564	1569	1577	rBV	1122449	1449992	48.72%	5.938%
14	11.945	1651	1658	1669	rBV3	280041	482396	16.21%	1.975%
15	12.633	1771	1775	1780	rBV	48145	69093	2.32%	0.283%
16	12.733	1788	1792	1800	rBV2	46219	81375	2.73%	0.333%
17	12.863	1810	1814	1819	rBV	68540	100318	3.37%	0.411%
18	13.010	1833	1839	1844	rBV	2135817	2719098	91.36%	11.135%
19	13.580	1933	1936	1944	rVB	27218	47224	1.59%	0.193%
20	13.904	1986	1991	2002	rBV	113843	202691	6.81%	0.830%
21	14.063	2010	2018	2029	rVB	756586	1135913	38.16%	4.652%
22	14.227	2042	2046	2054	rVB	34093	52919	1.78%	0.217%
23	14.533	2093	2098	2112	rVB3	74141	186279	6.26%	0.763%
24	14.845	2147	2151	2155	rBV	26352	36946	1.24%	0.151%
25	14.992	2173	2176	2187	rVB3	22113	41286	1.39%	0.169%
26	15.110	2192	2196	2204	rVV2	22769	49577	1.67%	0.203%
27	15.192	2205	2210	2221	rVB	247105	365968	12.30%	1.499%
28	15.551	2265	2271	2286	rVB	623369	996795	33.49%	4.082%
29	15.792	2308	2312	2320	rVB3	21158	34119	1.15%	0.140%
30	16.033	2347	2353	2360	rBV	147944	272363	9.15%	1.115%
31	16.857	2489	2493	2502	rVB5	15268	31060	1.04%	0.127%

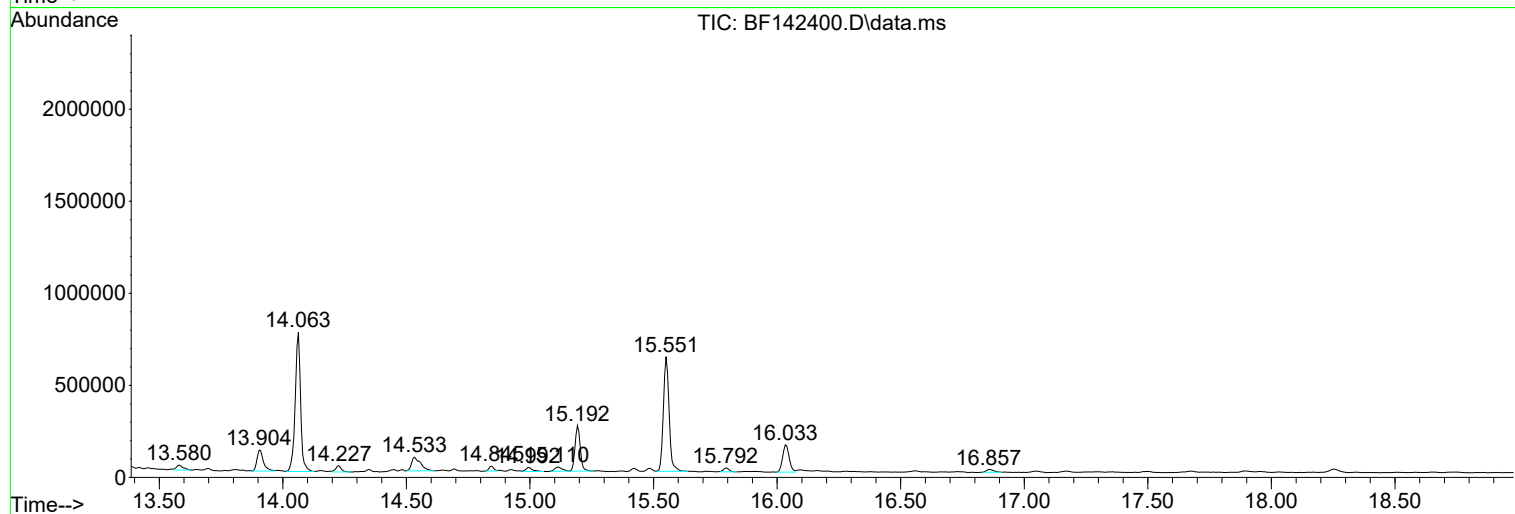
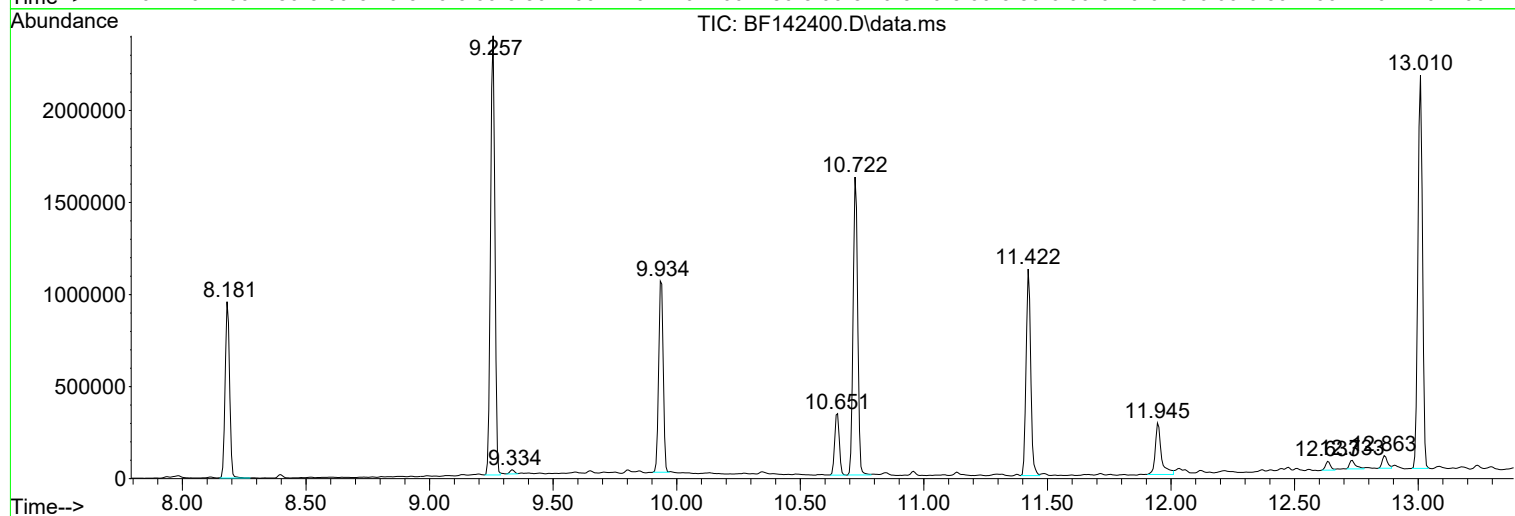
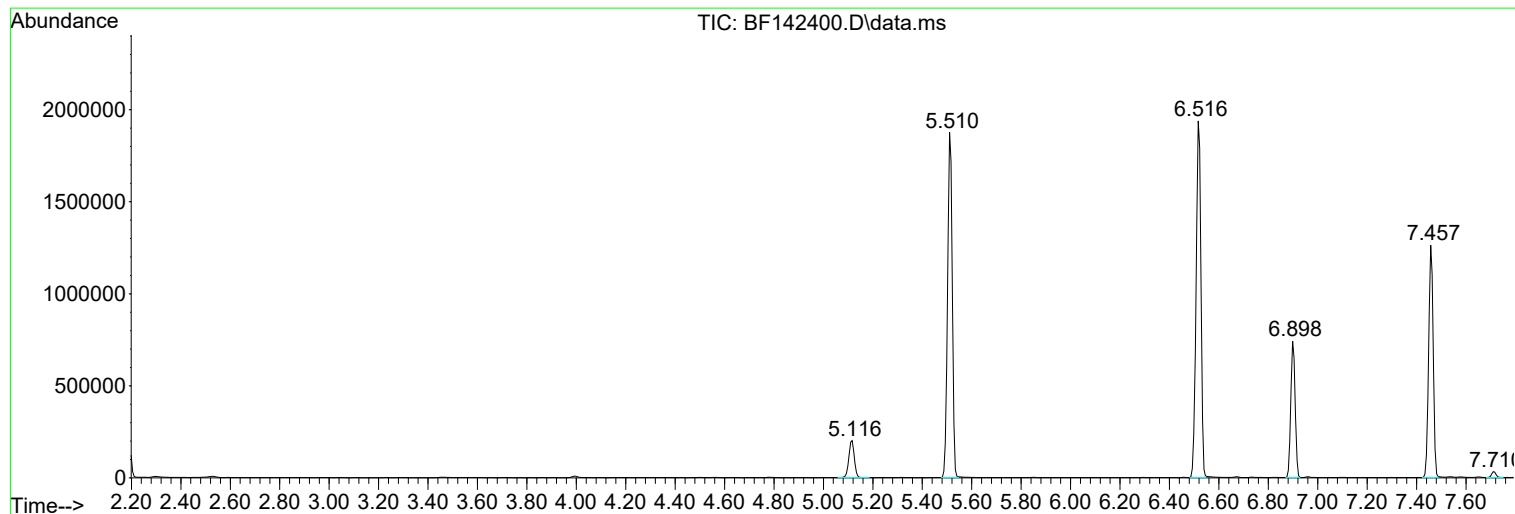
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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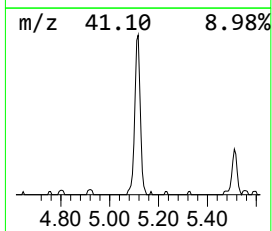
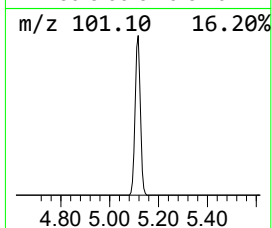
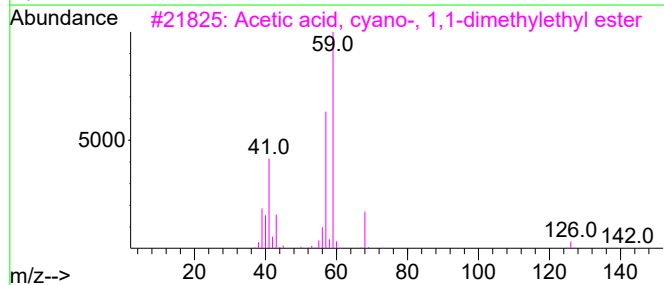
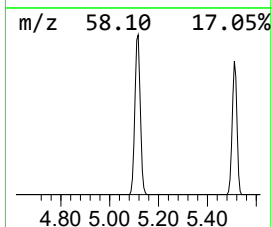
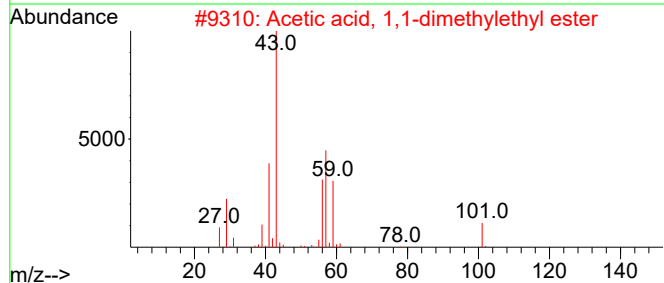
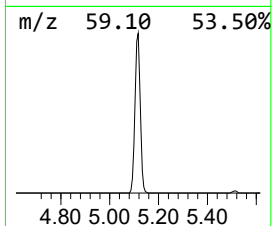
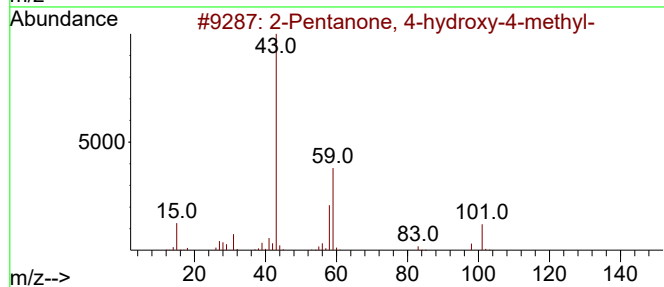
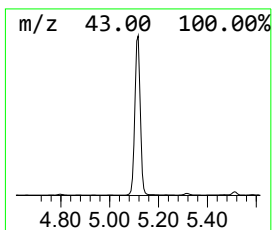
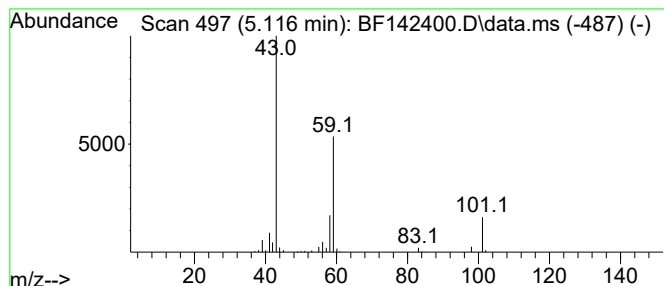
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.88 ng	311835	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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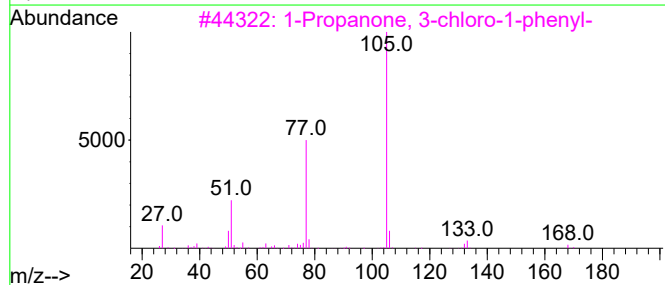
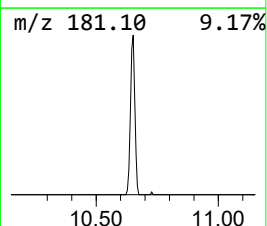
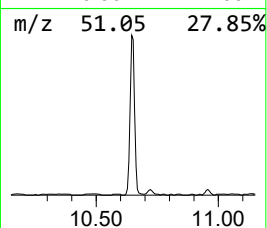
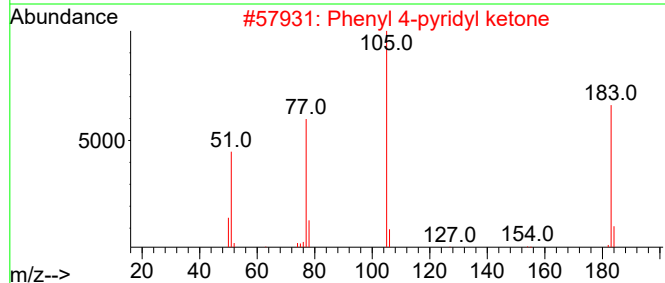
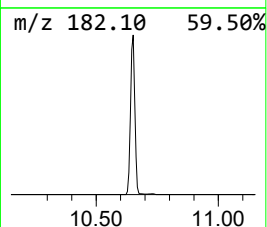
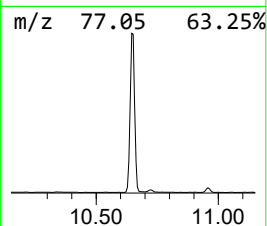
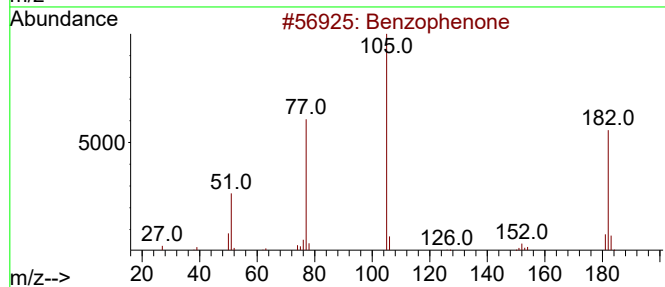
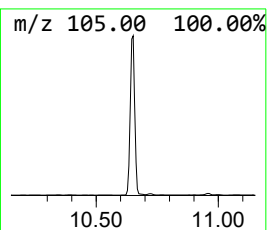
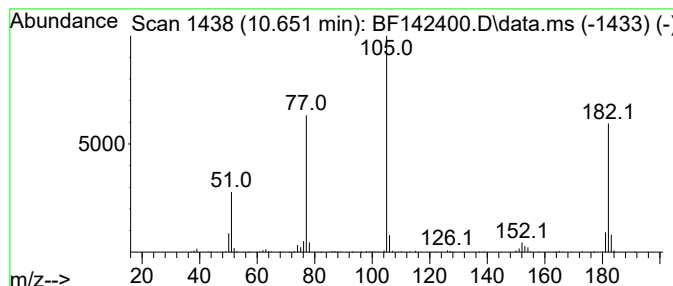
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	6.38 ng	428578	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47



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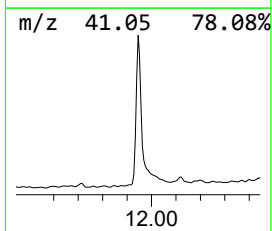
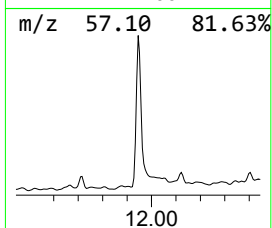
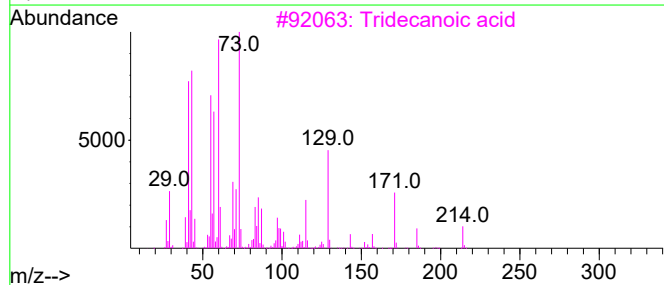
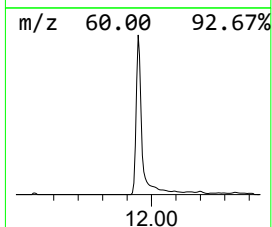
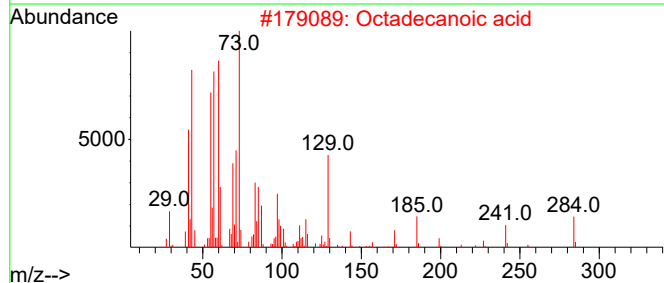
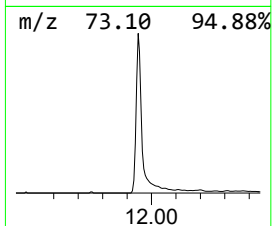
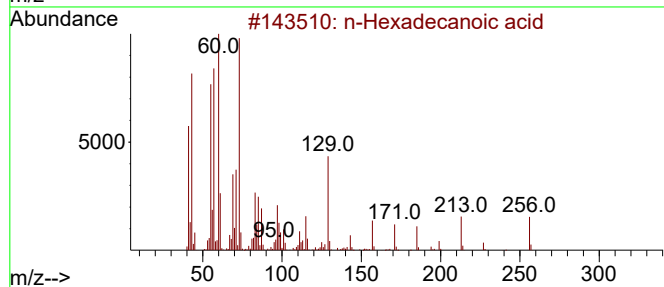
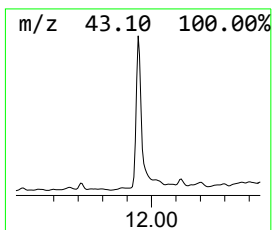
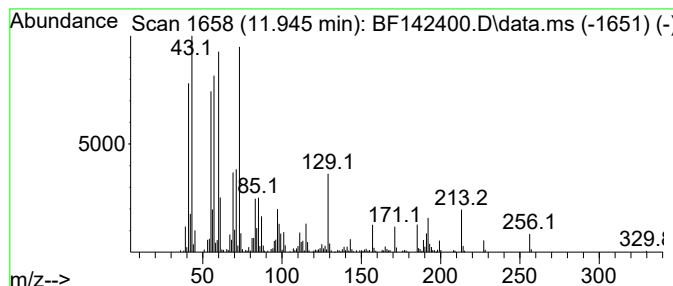
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	6.65 ng	482396	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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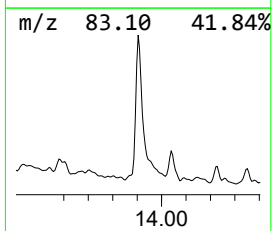
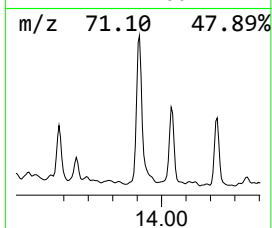
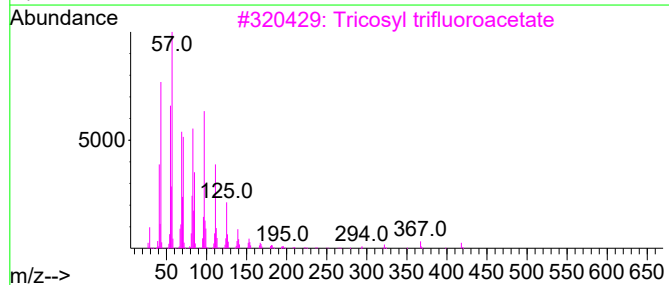
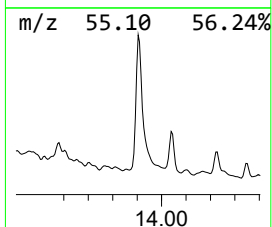
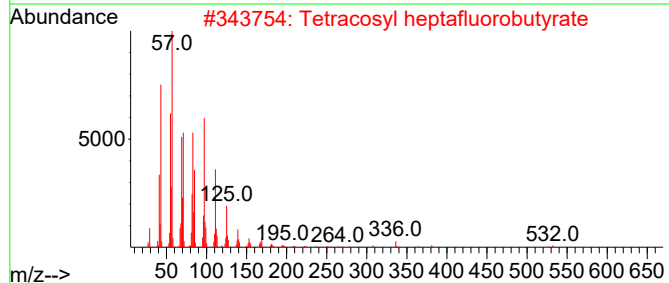
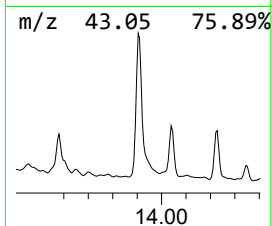
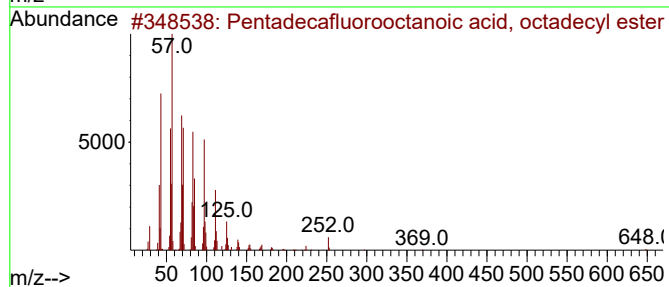
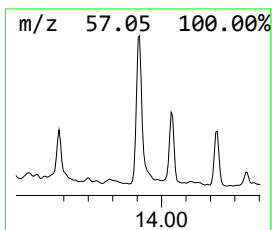
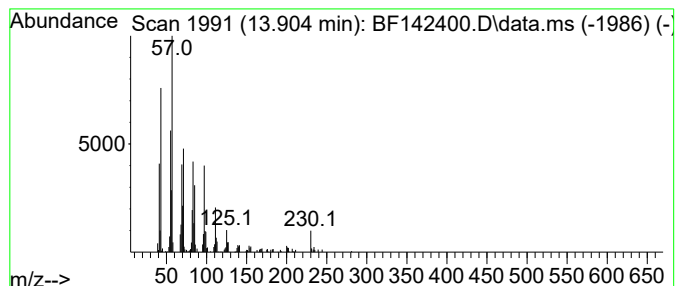
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Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.904	3.57 ng	202691	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91



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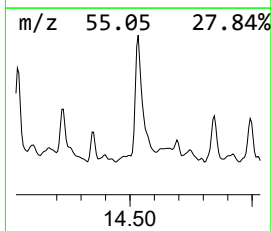
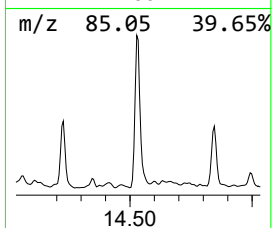
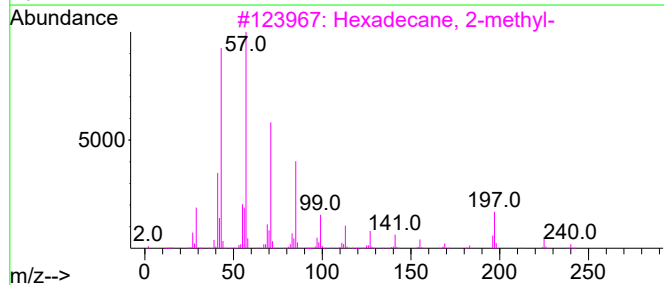
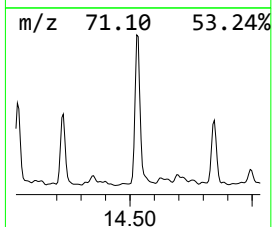
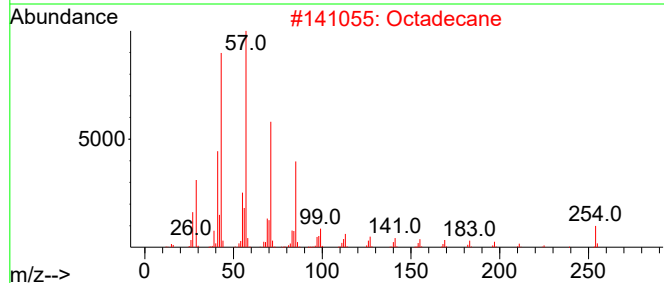
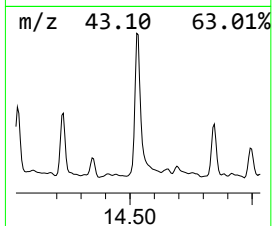
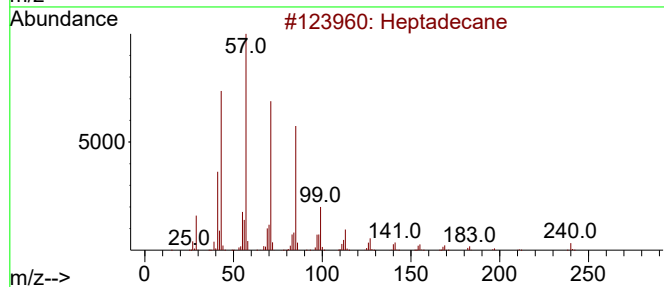
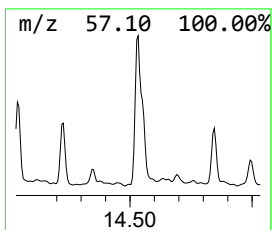
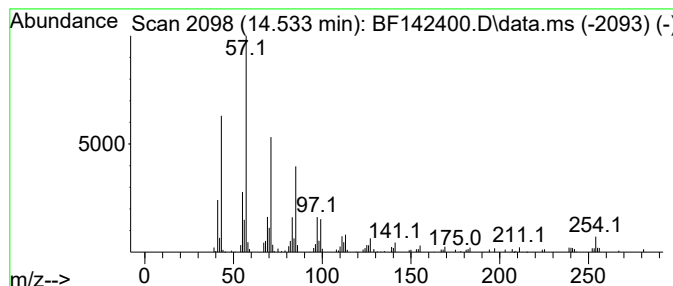
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Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	3.28 ng	186279	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	96
2			Octadecane	254	C18H38	000593-45-3	93
3			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
4			Heptacosane	380	C27H56	000593-49-7	90
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87



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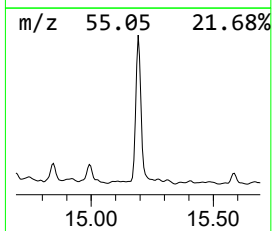
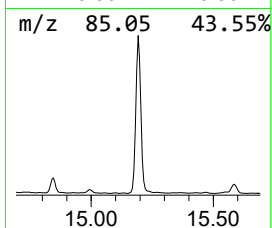
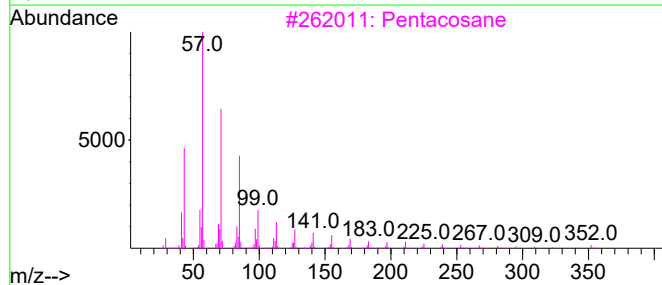
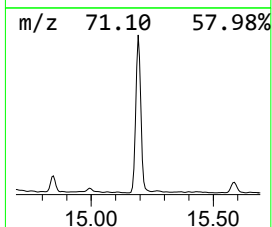
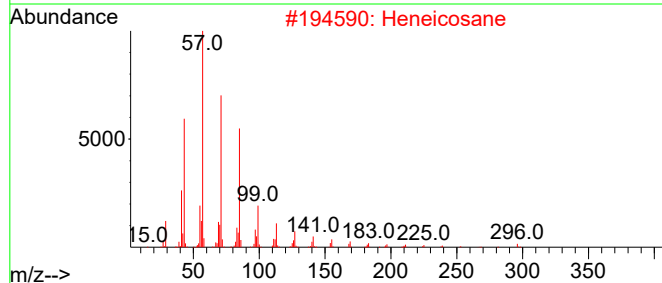
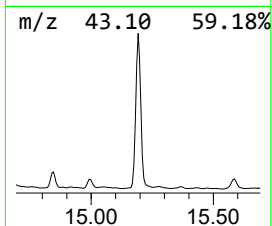
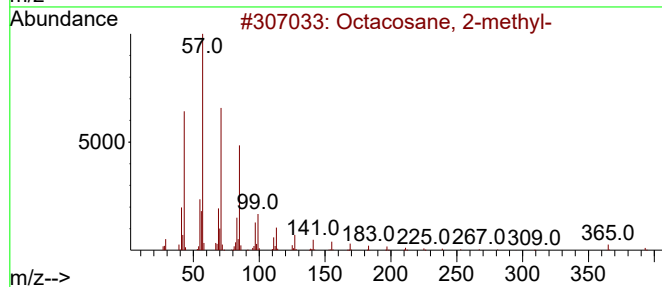
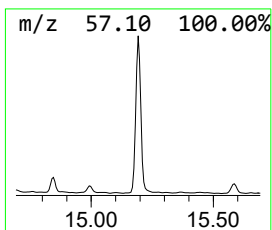
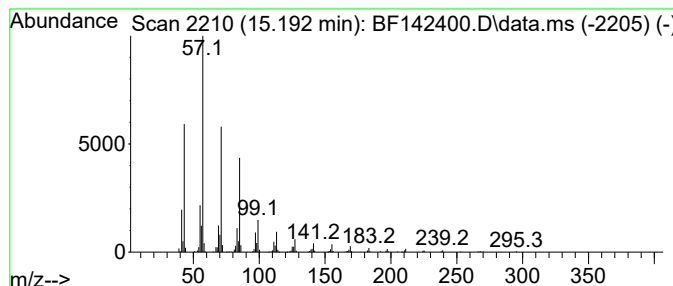
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	7.34 ng	365968	Perylene-d12	15.551

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142400.D
Acq On : 15 May 2025 19:09
Operator : RC/JU
Sample : Q2022-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

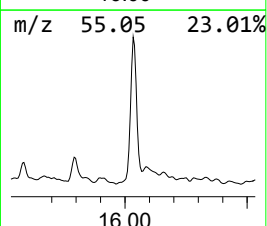
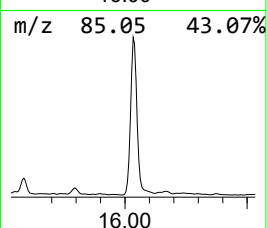
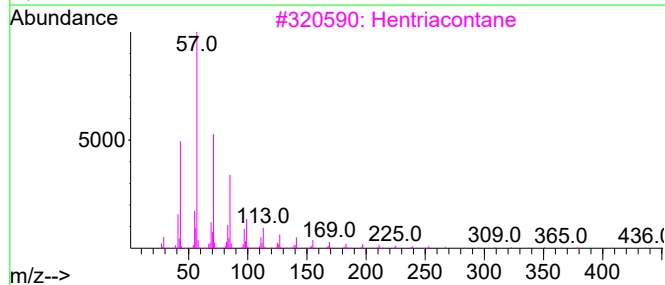
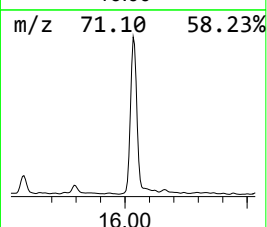
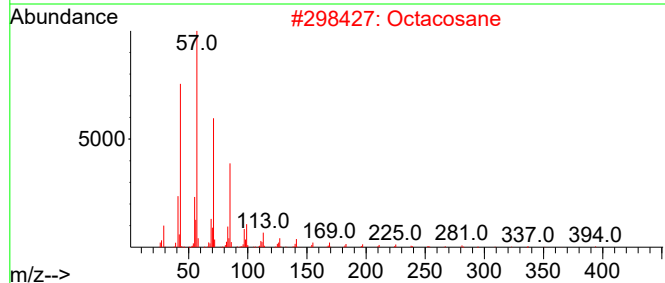
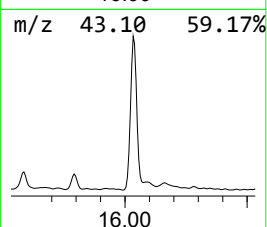
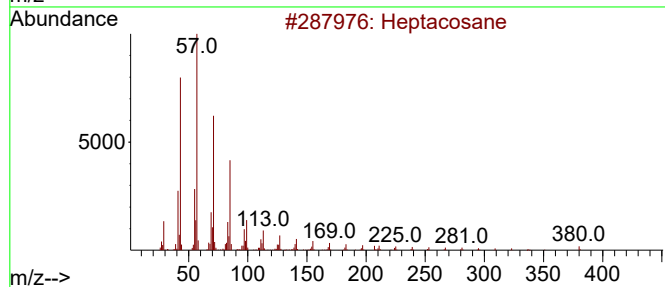
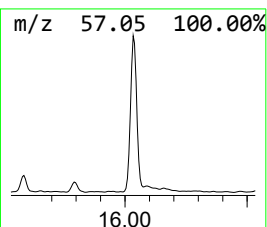
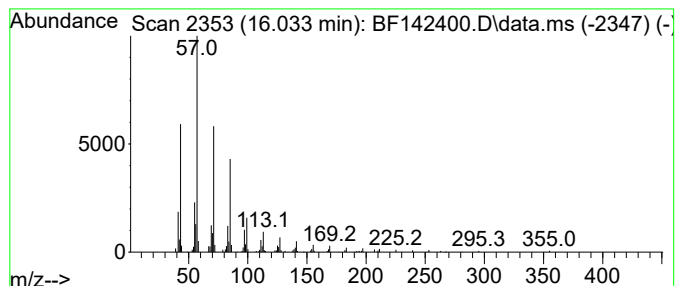
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	5.46 ng	272363	Perylene-d12	15.551

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142400.D
Acq On : 15 May 2025 19:09
Operator : RC/JU
Sample : Q2022-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.116	6.9	ng	311835	1	6.898	906188	20.0
Benzophenone	10.651	6.4	ng	428578	3	9.934	1342790	20.0
n-Hexadecanoic ...	11.945	6.7	ng	482396	4	11.422	1449990	20.0
Pentadecafluoro...	13.904	3.6	ng	202691	5	14.063	1135910	20.0
Heptadecane	14.533	3.3	ng	186279	5	14.063	1135910	20.0
Octacosane, 2-m...	15.192	7.3	ng	365968	6	15.551	996795	20.0
Heptacosane	16.033	5.5	ng	272363	6	15.551	996795	20.0