

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143005.D
 Acq On : 07 Jul 2025 13:16
 Operator : RC/JU
 Sample : Q2493-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11

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: BF143005.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	508	rVB	85607	129705	8.75%	1.199%
2	5.498	556	562	582	rBV	911108	1193683	80.55%	11.037%
3	6.504	728	733	758	rBV	865201	1207031	81.45%	11.160%
4	6.875	791	796	801	rBV	253396	315623	21.30%	2.918%
5	7.434	885	891	902	rBV	573276	777925	52.49%	7.193%
6	8.157	1009	1014	1022	rBV	332587	410005	27.67%	3.791%
7	9.234	1191	1197	1202	rBV	1199065	1481988	100.00%	13.703%
8	9.916	1308	1313	1318	rBV	364047	450966	30.43%	4.170%
9	10.322	1375	1382	1389	rVB2	20509	34454	2.32%	0.319%
10	10.628	1428	1434	1442	rVB	127516	163194	11.01%	1.509%
11	10.704	1442	1447	1459	rBV	690543	922164	62.22%	8.527%
12	11.351	1549	1557	1561	rBV2	10655	19021	1.28%	0.176%
13	11.404	1561	1566	1577	rVB	343580	442229	29.84%	4.089%
14	11.780	1622	1630	1634	rBV2	32321	42597	2.87%	0.394%
15	11.927	1646	1655	1668	rBV2	208674	351895	23.74%	3.254%
16	12.463	1742	1746	1755	rVB3	15441	32042	2.16%	0.296%
17	12.622	1768	1773	1783	rBV	37166	66189	4.47%	0.612%
18	12.710	1783	1788	1800	rBV2	49457	86914	5.86%	0.804%
19	12.851	1806	1812	1825	rVB	32798	55926	3.77%	0.517%
20	12.992	1830	1836	1841	rBV	1055312	1340917	90.48%	12.398%
21	13.216	1861	1874	1882	rBV2	32933	68407	4.62%	0.633%
22	13.816	1969	1976	1982	rBV3	30768	61056	4.12%	0.565%
23	13.886	1983	1988	1999	rVV2	73083	141130	9.52%	1.305%
24	14.051	2007	2016	2027	rBV	262636	394585	26.63%	3.648%
25	14.198	2038	2041	2047	rBV2	13238	23171	1.56%	0.214%
26	14.316	2057	2061	2067	rBV	33880	50968	3.44%	0.471%
27	14.510	2091	2094	2102	rVB5	12856	27038	1.82%	0.250%
28	14.774	2134	2139	2143	rBV	30998	46885	3.16%	0.434%
29	15.110	2192	2196	2202	rBV	14947	31259	2.11%	0.289%
30	15.274	2220	2224	2229	rVB	21184	34185	2.31%	0.316%
31	15.480	2256	2259	2264	rVB	13505	20240	1.37%	0.187%
32	15.545	2264	2270	2281	rBV	215928	353304	23.84%	3.267%
33	15.821	2313	2317	2325	rVB2	18856	38550	2.60%	0.356%

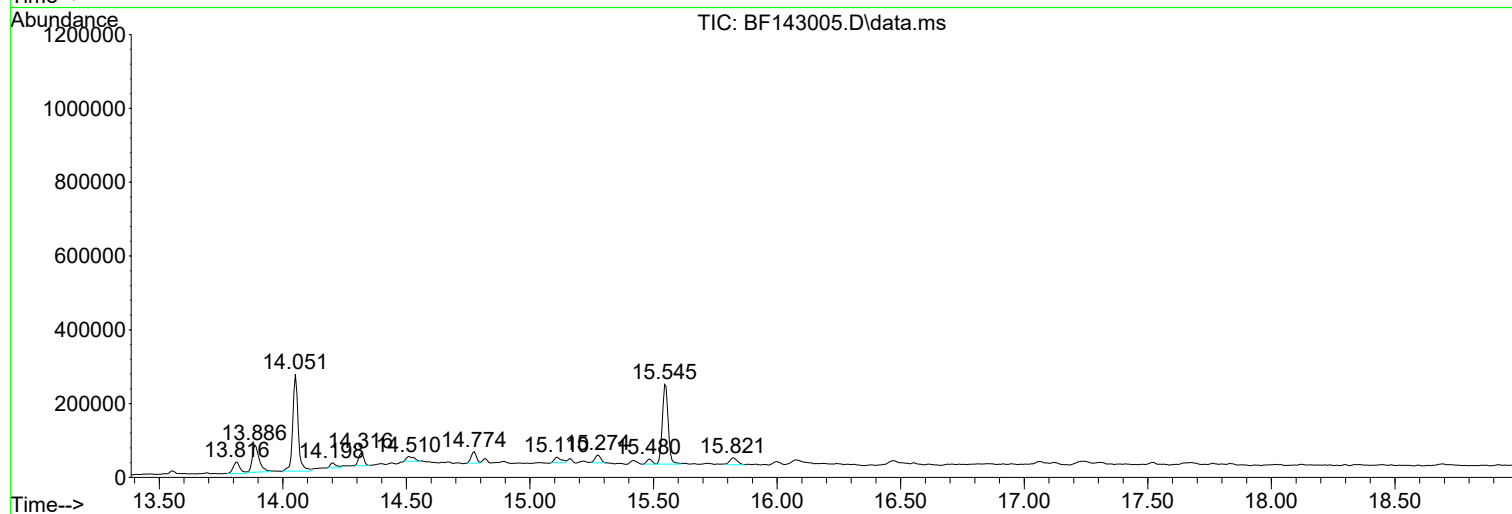
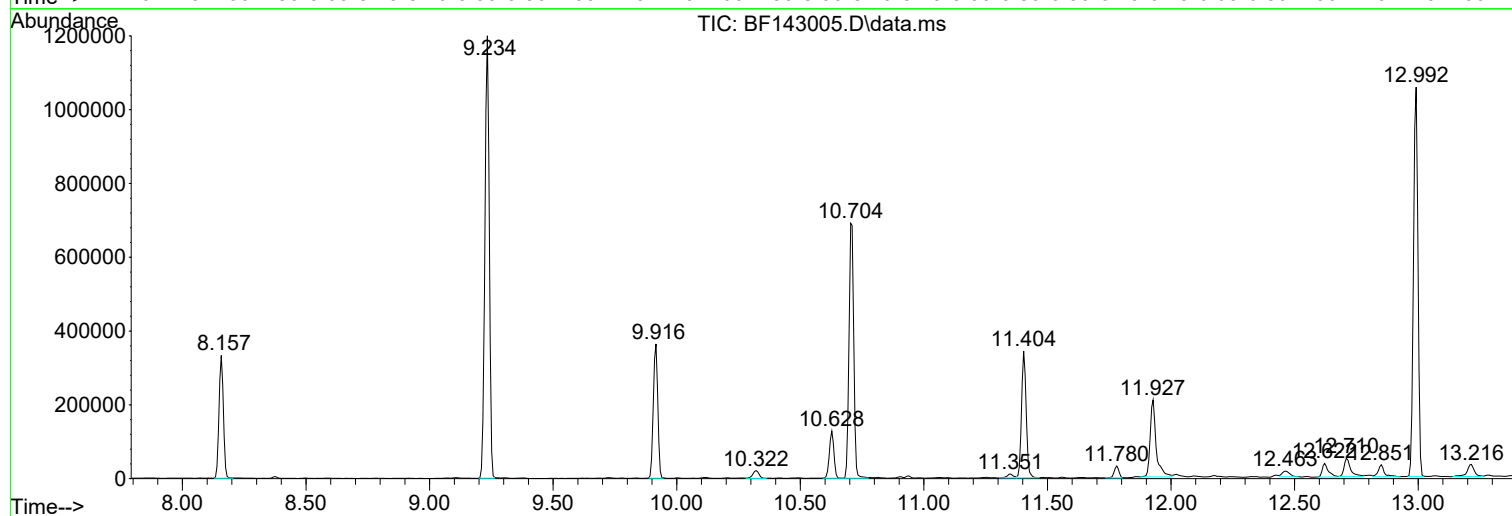
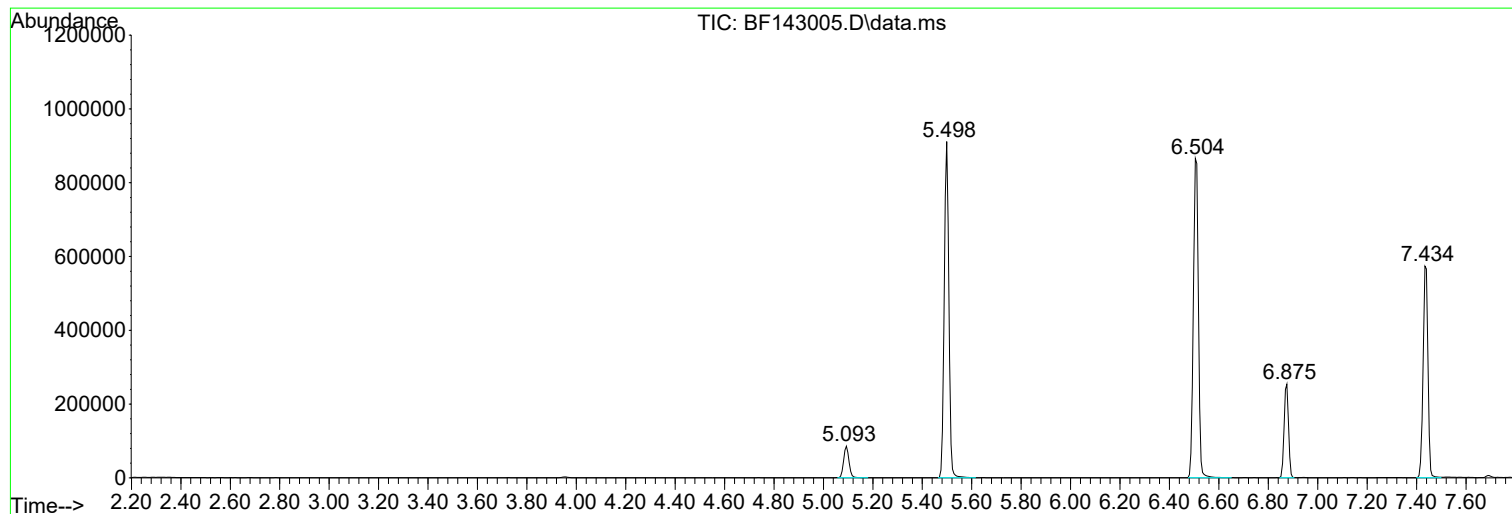
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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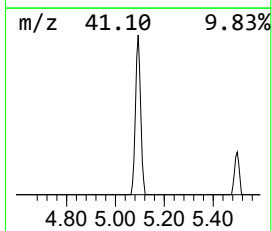
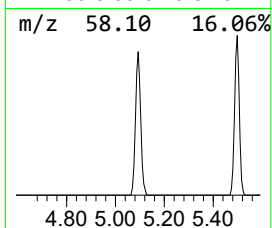
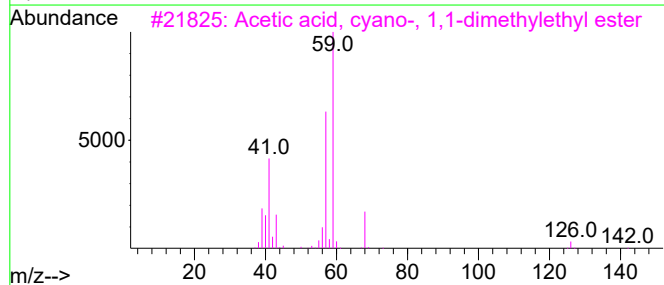
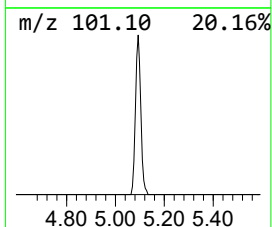
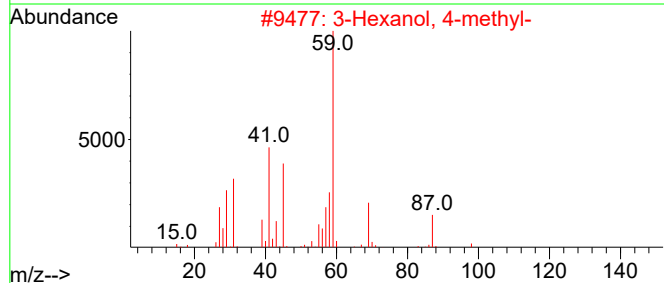
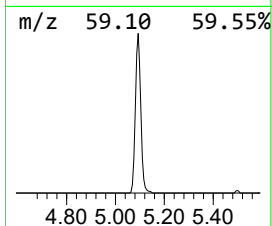
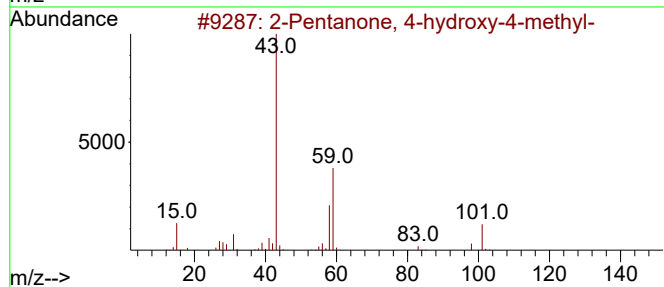
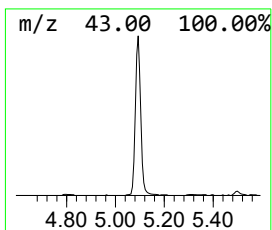
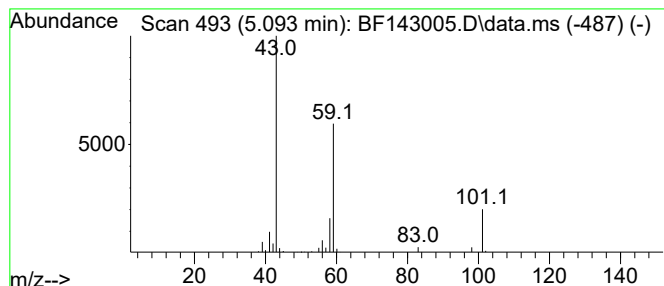
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	8.22 ng	129705	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			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9



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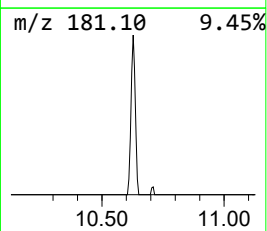
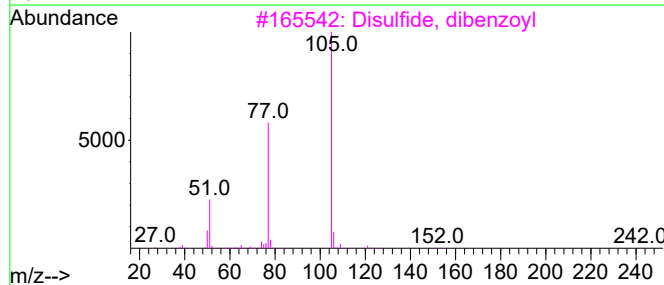
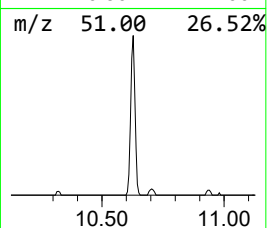
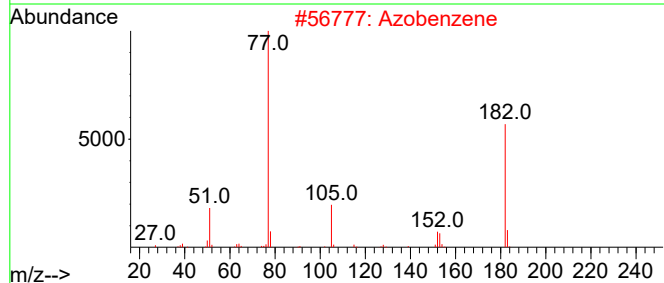
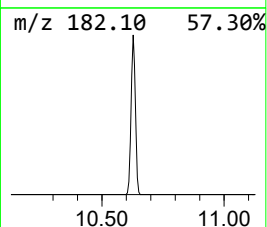
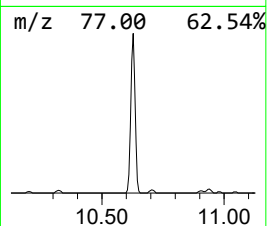
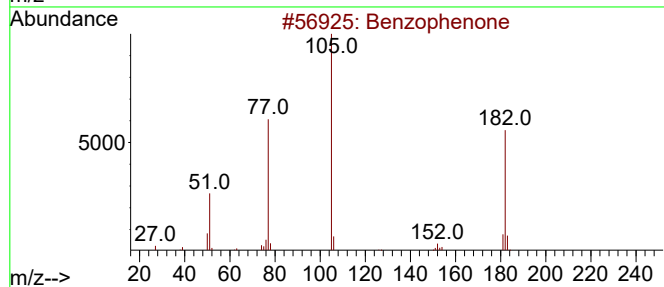
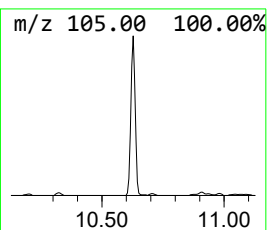
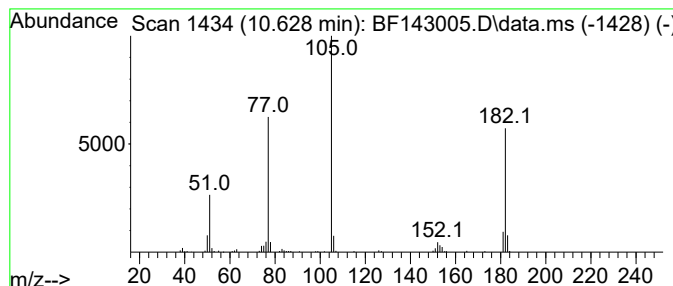
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	7.24 ng	163194	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	59
3			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47



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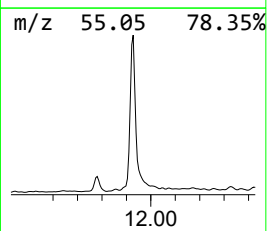
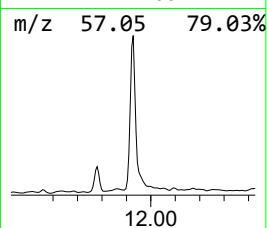
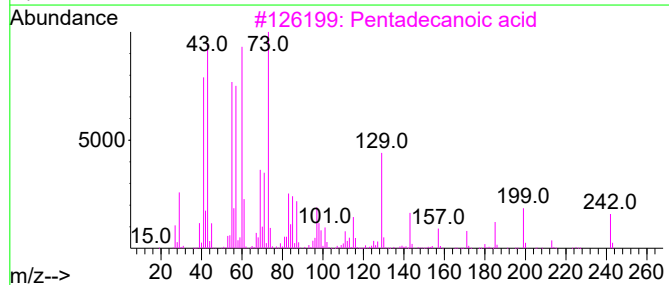
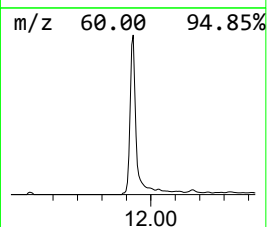
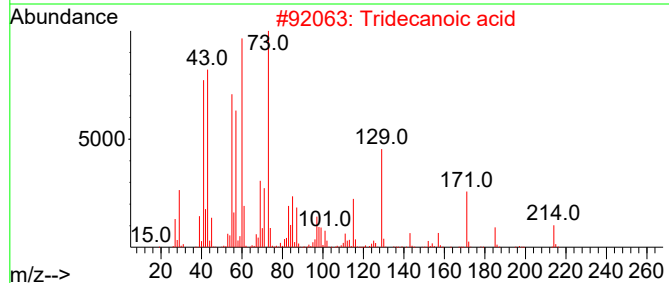
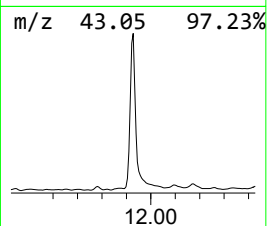
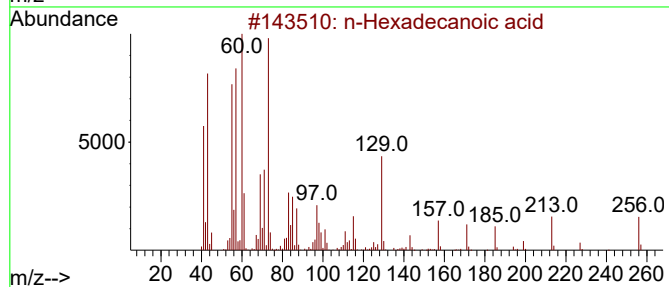
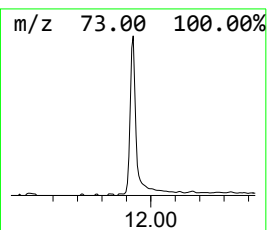
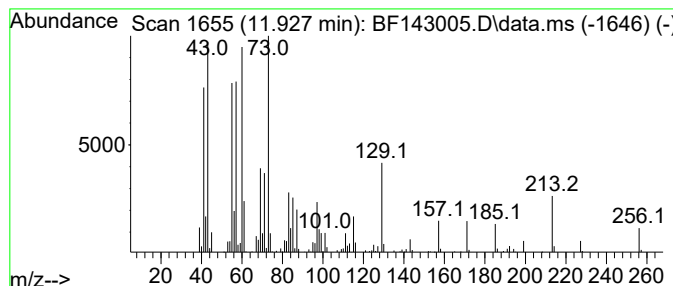
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	15.91 ng	351895	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			n-Decanoic acid	172	C10H20O2	000334-48-5	64
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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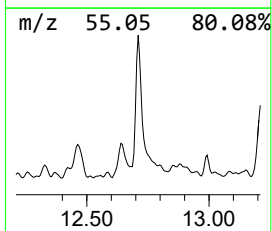
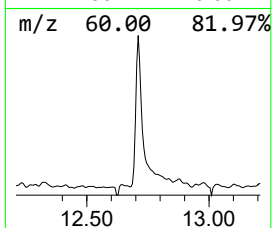
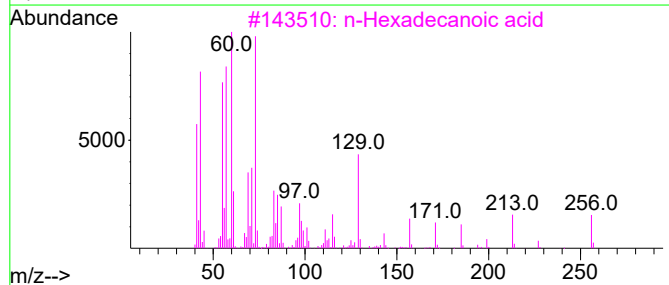
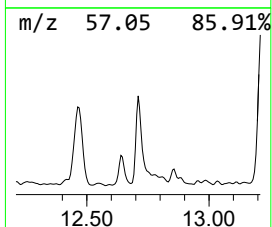
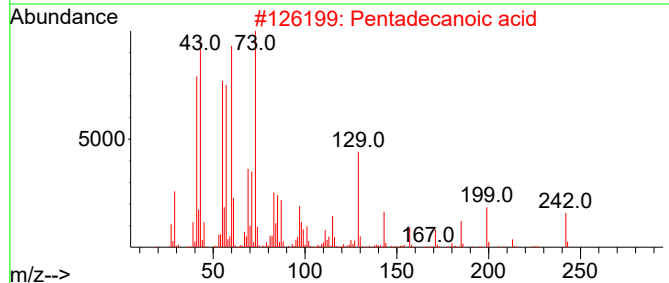
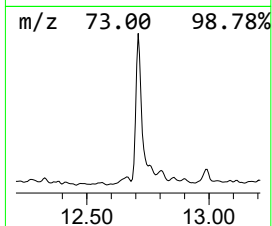
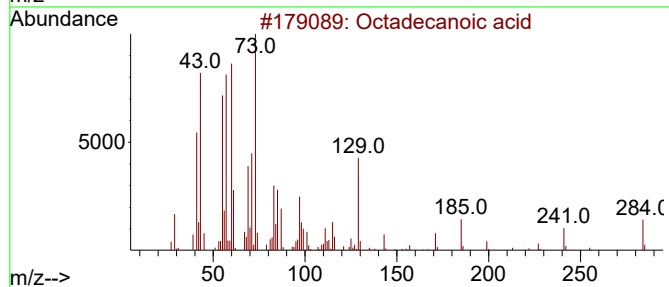
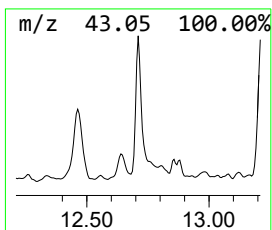
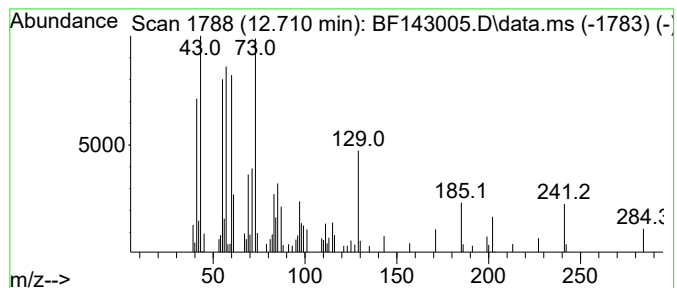
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	3.93 ng	86914	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Undecanoic acid	186	C11H22O2	000112-37-8	74



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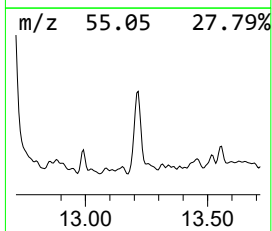
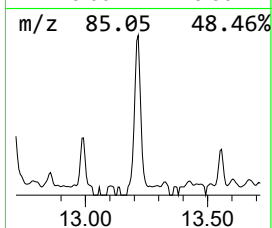
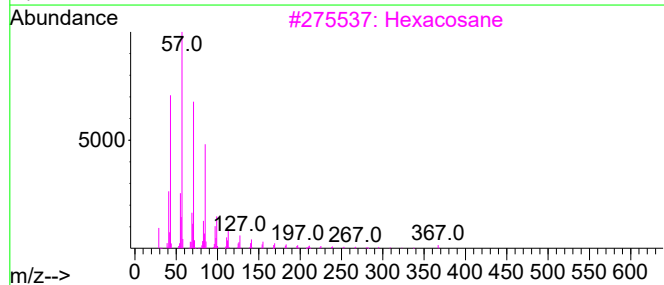
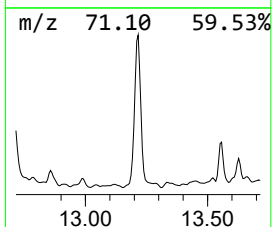
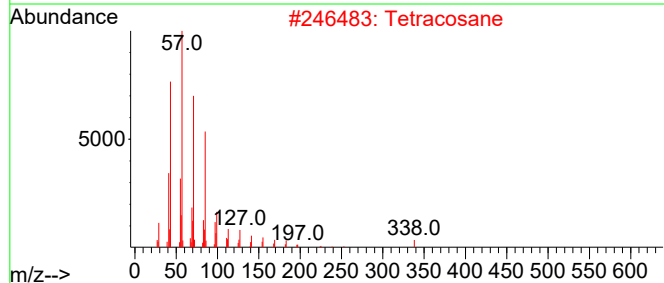
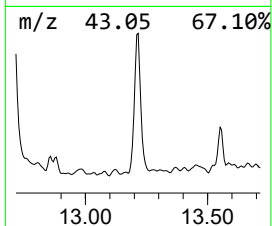
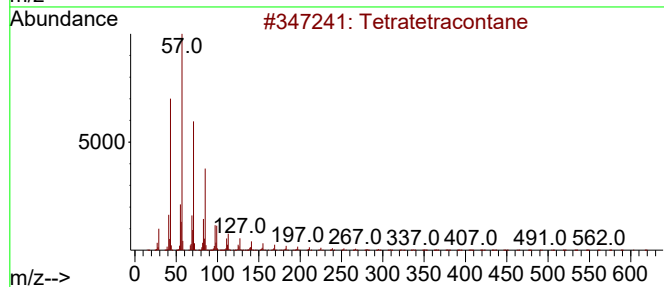
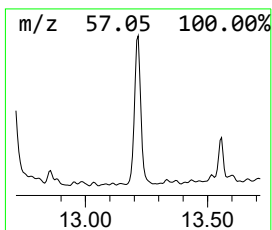
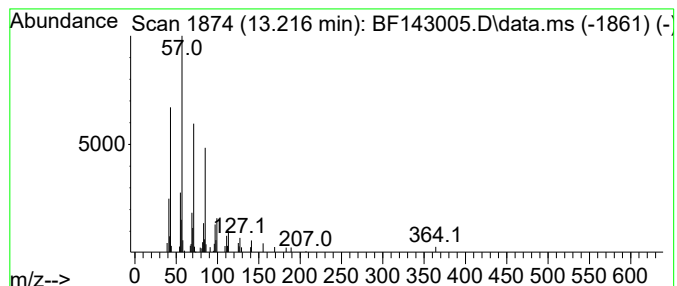
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	3.47 ng	68407	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



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WC-11

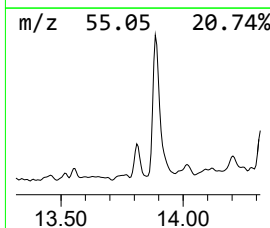
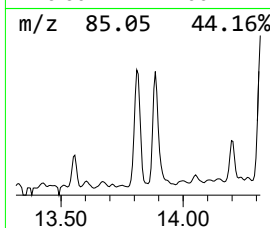
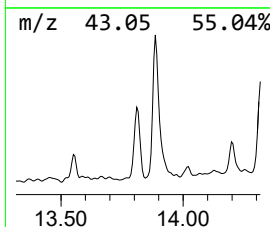
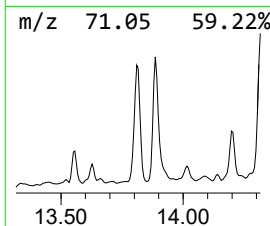
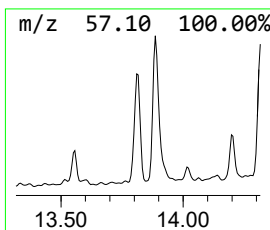
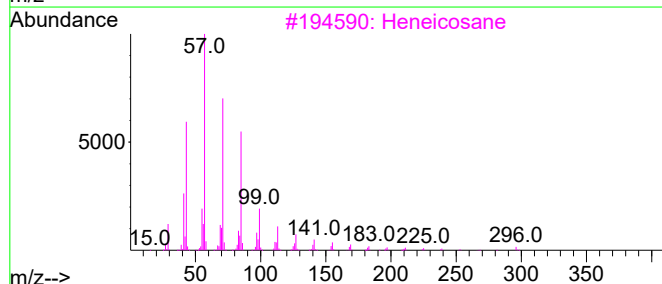
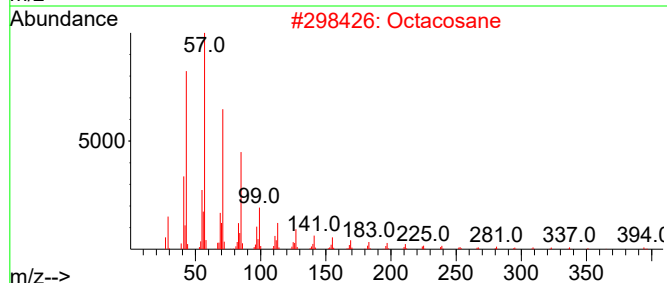
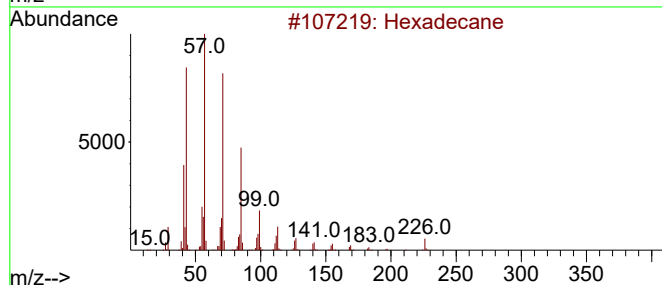
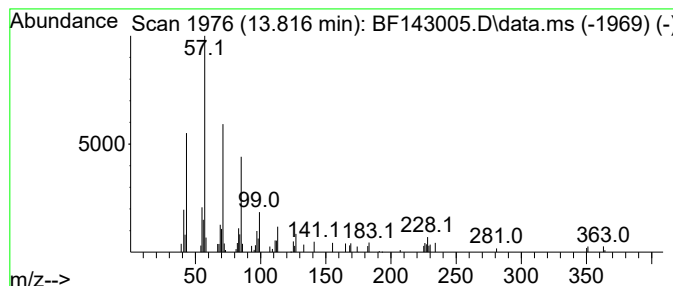
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	3.09 ng	61056	Chrysene-d12	14.051

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Octacosane	394	C28H58	000630-02-4	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143005.D
Acq On : 07 Jul 2025 13:16
Operator : RC/JU
Sample : Q2493-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11

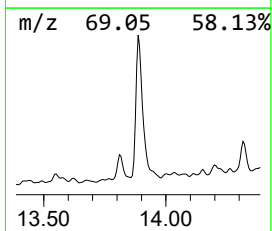
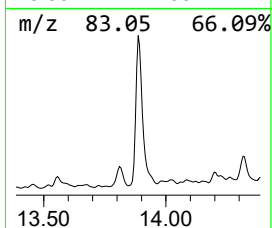
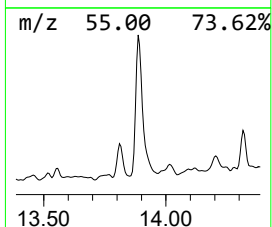
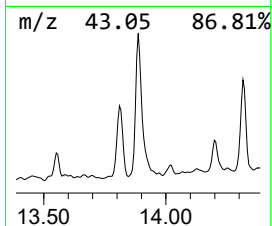
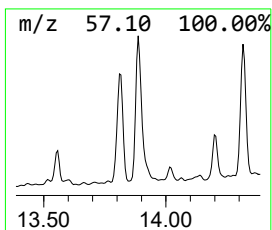
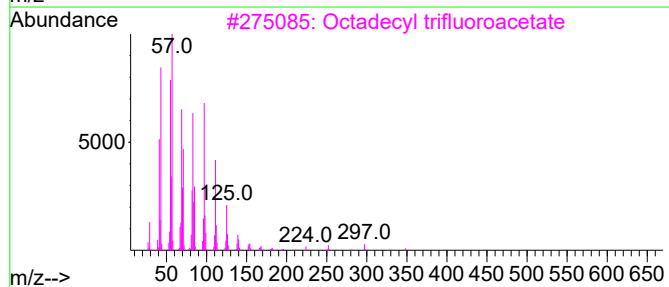
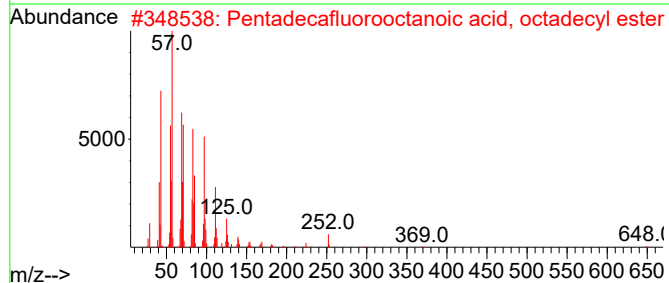
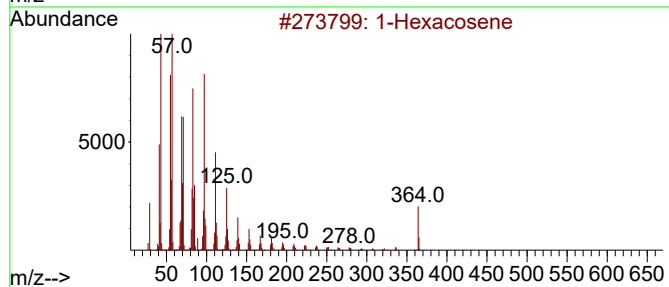
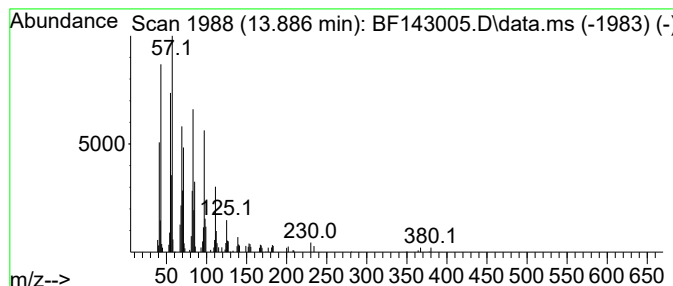
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	7.15 ng	141130	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene			364	C26H52	018835-33-1	99
2	Pentadecafluorooctanoic acid, oc...			666	C26H37F15O2	1000406-04-8	95
3	Octadecyl trifluoroacetate			366	C20H37F3O2	079392-43-1	94
4	Heptadecyl heptafluorobutyrate			452	C21H35F7O2	959085-66-6	94
5	1-Heneicosanol			312	C21H44O	015594-90-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143005.D
Acq On : 07 Jul 2025 13:16
Operator : RC/JU
Sample : Q2493-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11

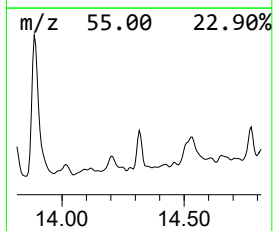
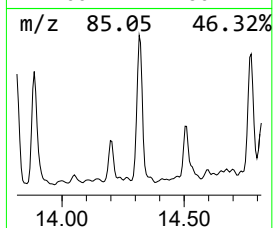
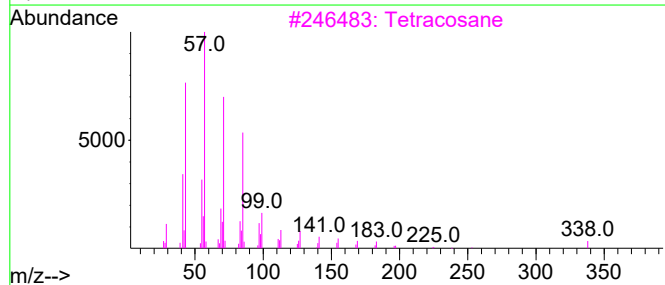
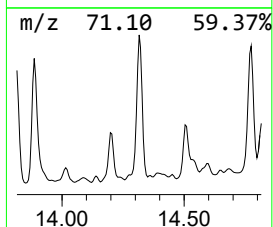
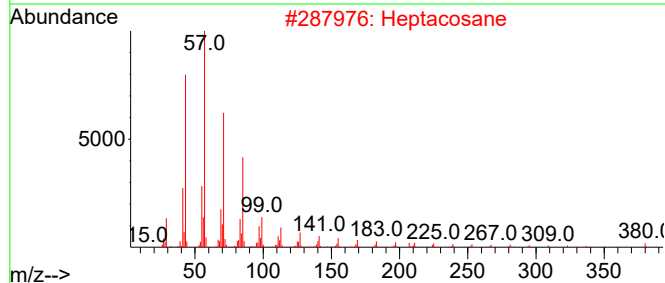
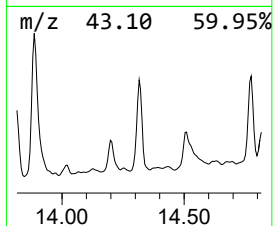
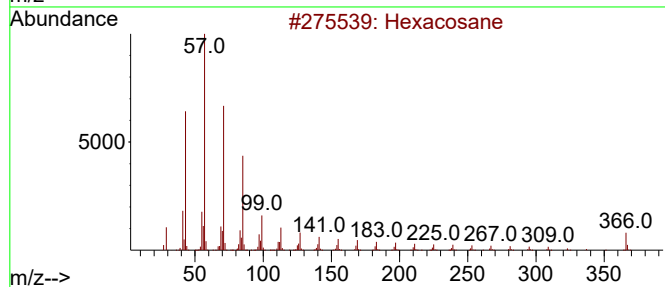
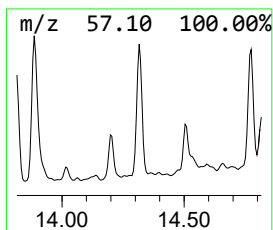
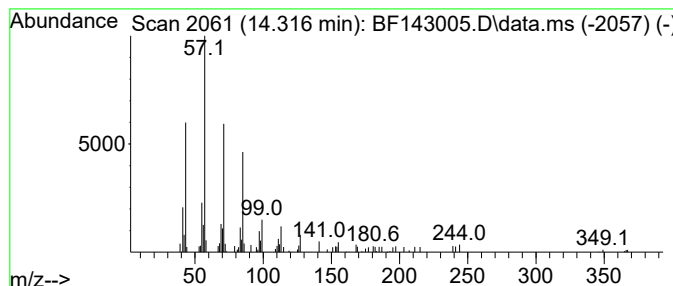
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	2.58 ng	50968	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heptacosane	380	C27H56	000593-49-7	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Pentacosane	352	C25H52	000629-99-2	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143005.D
Acq On : 07 Jul 2025 13:16
Operator : RC/JU
Sample : Q2493-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11

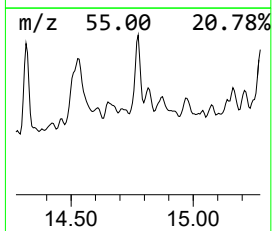
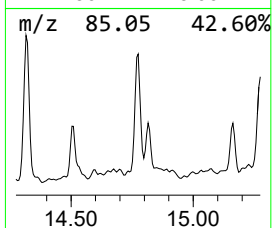
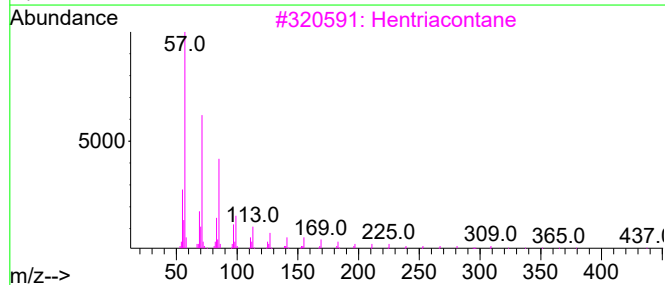
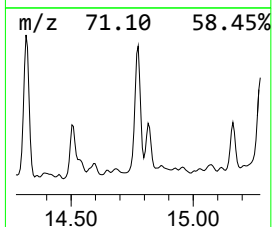
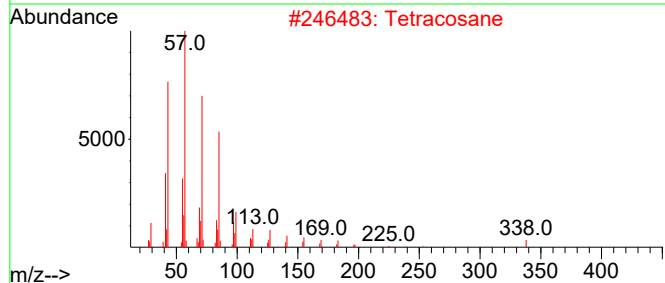
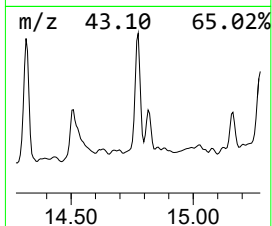
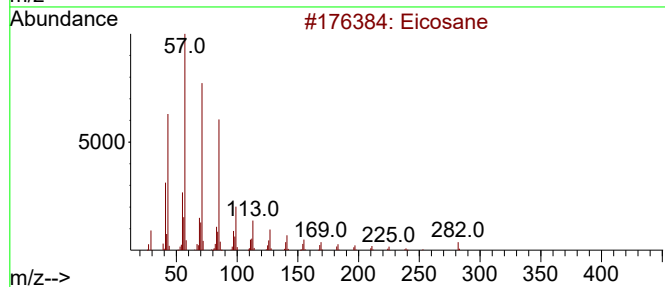
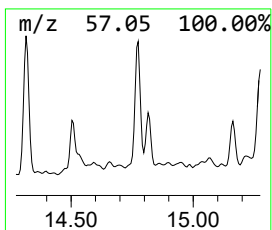
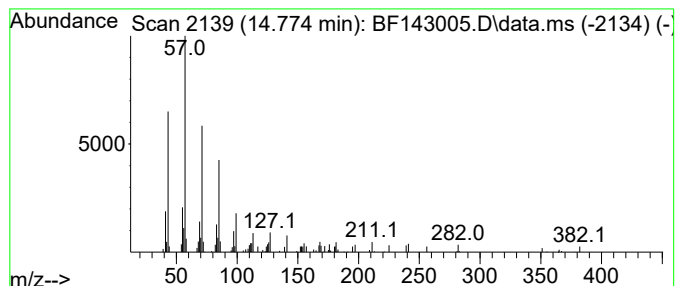
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.774	2.38 ng	46885	Chrysene-d12	14.051

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Tetracosane		338	C24H50	000646-31-1	90
3	Hentriacontane		437	C31H64	000630-04-6	87
4	Pentacosane		352	C25H52	000629-99-2	87
5	Docosane		310	C22H46	000629-97-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Acq On : 07 Jul 2025 13:16
Operator : RC/JU
Sample : Q2493-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

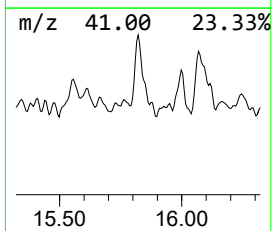
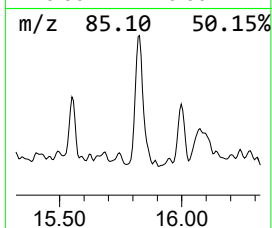
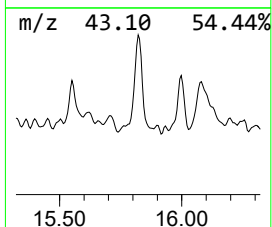
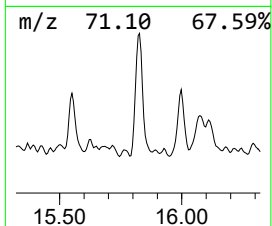
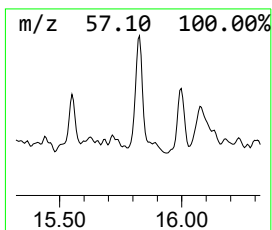
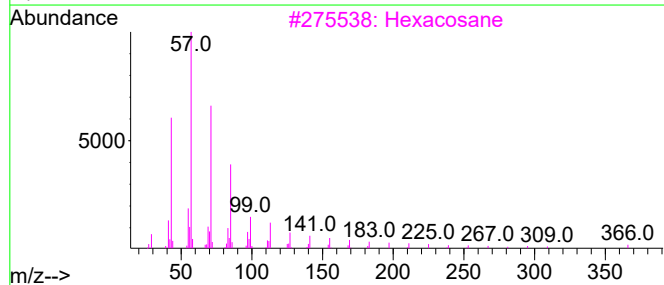
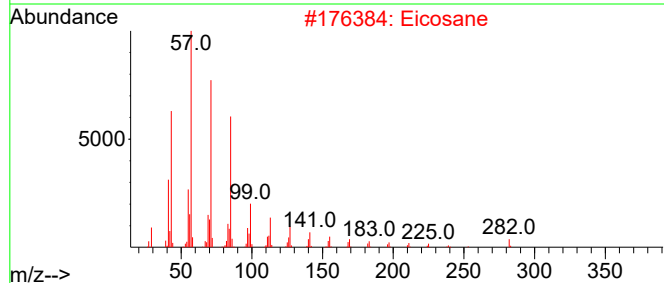
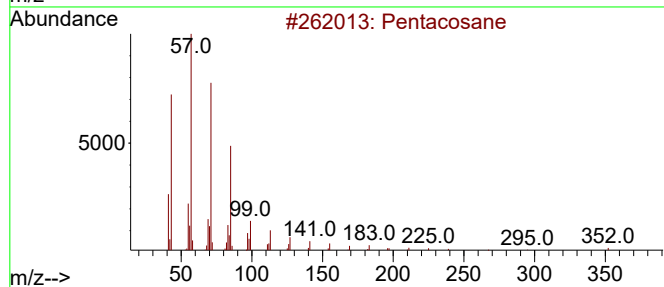
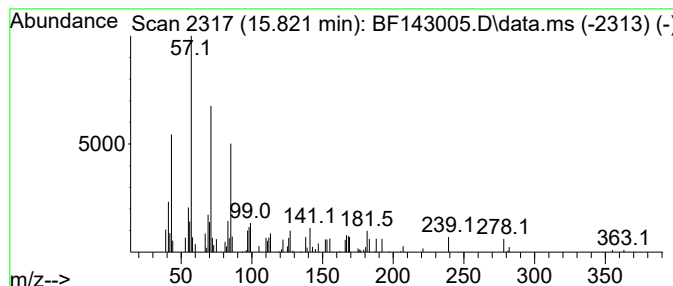
Instrument :
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ClientSampleId :
WC-11

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 11 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.821	2.18 ng	38550	Perylene-d12	15.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	76
2	Eicosane	282	C20H42	000112-95-8	76
3	Hexacosane	366	C26H54	000630-01-3	74
4	Heneicosane	296	C21H44	000629-94-7	74
5	Hentriacontane	437	C31H64	000630-04-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143005.D
Acq On : 07 Jul 2025 13:16
Operator : RC/JU
Sample : Q2493-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
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Benzophenone	10.628	7.2	ng	163194	3	9.916	450966	20.0
n-Hexadecanoic ...	11.928	15.9	ng	351895	4	11.404	442229	20.0
Octadecanoic acid	12.710	3.9	ng	86914	4	11.404	442229	20.0
Tetratetracontane	13.216	3.5	ng	68407	5	14.051	394585	20.0
Hexadecane	13.816	3.1	ng	61056	5	14.051	394585	20.0
1-Hexacosene	13.886	7.2	ng	141130	5	14.051	394585	20.0
Hexacosane	14.316	2.6	ng	50968	5	14.051	394585	20.0
Eicosane	14.774	2.4	ng	46885	5	14.051	394585	20.0
Pentacosane	15.821	2.2	ng	38550	6	15.545	353304	20.0