

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144394.D
 Acq On : 01 Dec 2025 18:41
 Operator : RC/JU
 Sample : Q3719-13 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-17A

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144394.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.687	249	254	261	rVB3	2999	5664	1.10%	0.136%
2	3.910	285	292	300	rVB	3610	6142	1.19%	0.147%
3	5.063	483	488	498	rBV	29334	44258	8.59%	1.061%
4	5.487	555	560	578	rBV	85813	138617	26.89%	3.324%
5	6.498	727	732	751	rBV	75269	139898	27.14%	3.355%
6	6.863	789	794	806	rVB	237038	300516	58.30%	7.206%
7	7.422	884	889	902	rBV	55997	83824	16.26%	2.010%
8	8.145	1006	1012	1020	rBV	265885	343568	66.66%	8.239%
9	8.751	1109	1115	1122	rVB5	3260	6194	1.20%	0.149%
10	9.216	1189	1194	1205	rBV	117927	155062	30.08%	3.718%
11	9.904	1305	1311	1328	rVB	303762	404359	78.45%	9.697%
12	10.616	1427	1432	1441	rBV	15707	21781	4.23%	0.522%
13	10.692	1441	1445	1452	rBV	64672	89068	17.28%	2.136%
14	10.810	1460	1465	1472	rBV5	3690	6947	1.35%	0.167%
15	11.004	1493	1498	1501	rBV2	3814	6271	1.22%	0.150%
16	11.251	1535	1540	1544	rBV3	14649	20782	4.03%	0.498%
17	11.392	1559	1564	1573	rBV	360497	493235	95.70%	11.828%
18	11.633	1601	1605	1609	rBV4	3733	6465	1.25%	0.155%
19	11.916	1646	1653	1660	rBV4	25619	56268	10.92%	1.349%
20	12.010	1666	1669	1675	rVB3	8290	14902	2.89%	0.357%
21	12.080	1679	1681	1687	rBV7	3014	5379	1.04%	0.129%
22	12.451	1740	1744	1745	rBV3	6983	9561	1.85%	0.229%
23	12.610	1767	1771	1776	rBV	68024	89880	17.44%	2.155%
24	12.710	1784	1788	1793	rBV6	10836	17342	3.36%	0.416%
25	12.845	1805	1811	1816	rBV	65774	103569	20.09%	2.484%
26	12.980	1829	1834	1842	rVB	182869	245287	47.59%	5.882%
27	13.204	1869	1872	1876	rBV	20635	26466	5.13%	0.635%
28	13.545	1927	1930	1935	rBV	34237	44970	8.72%	1.078%
29	13.874	1983	1986	1993	rVB2	61278	90858	17.63%	2.179%
30	14.045	2010	2015	2025	rVB	352055	515424	100.00%	12.360%
31	14.192	2037	2040	2045	rBV	60013	78084	15.15%	1.872%
32	14.498	2089	2092	2096	rBV	63653	78245	15.18%	1.876%
33	14.810	2142	2145	2149	rVB	46233	56170	10.90%	1.347%
34	15.145	2199	2202	2208	rVB	46717	65561	12.72%	1.572%
35	15.527	2262	2267	2282	rVB	237221	399504	77.51%	9.580%

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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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

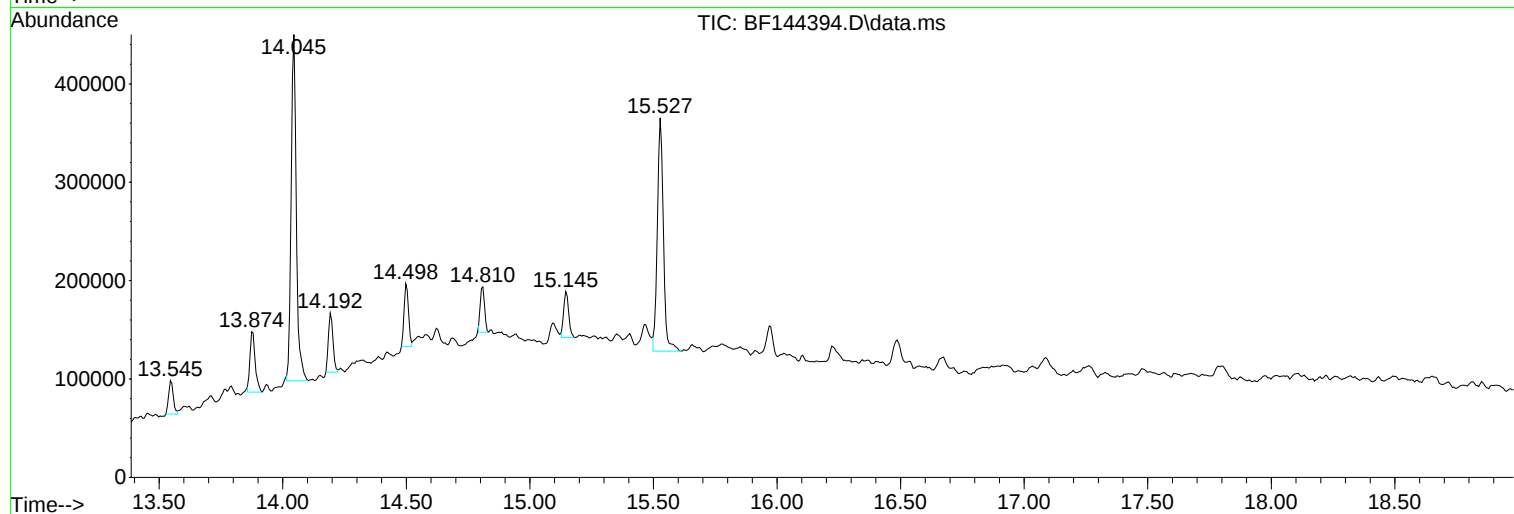
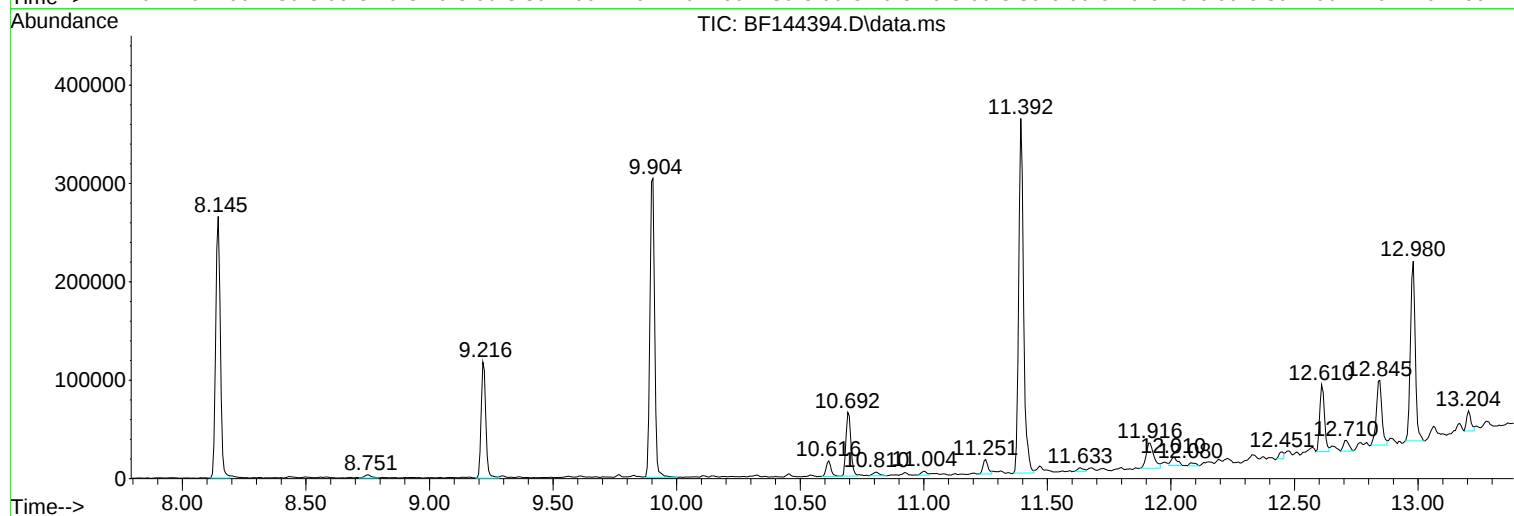
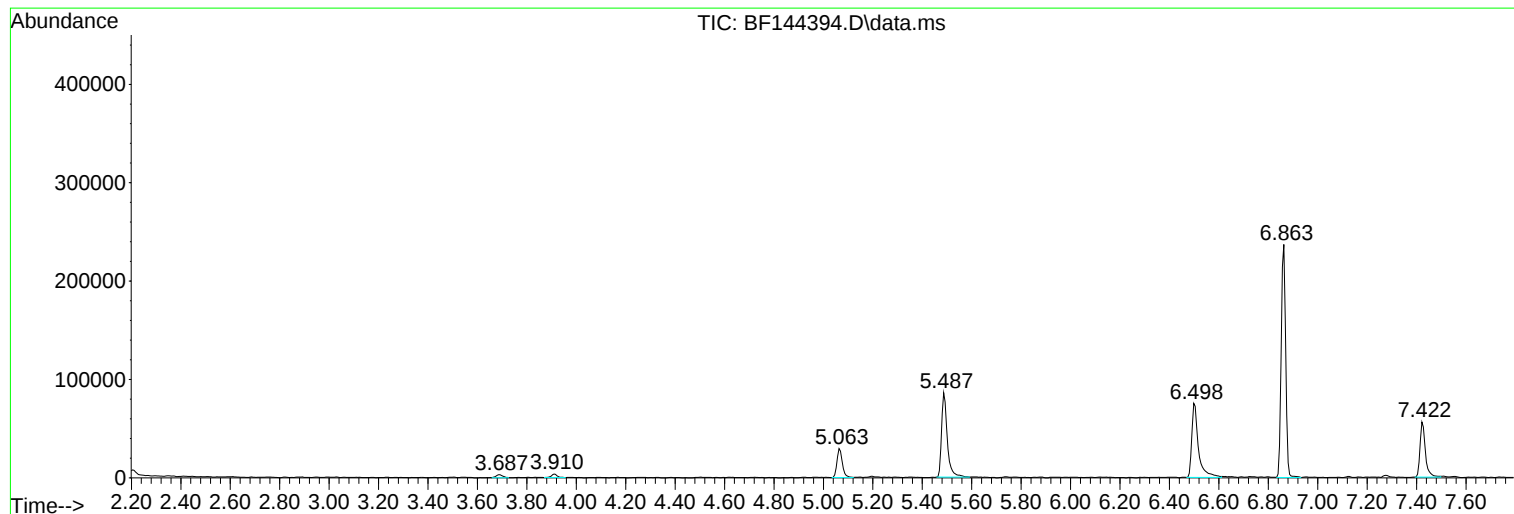
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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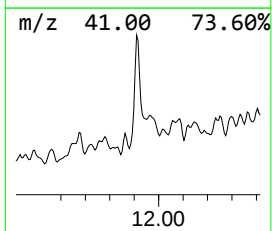
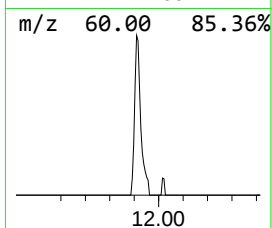
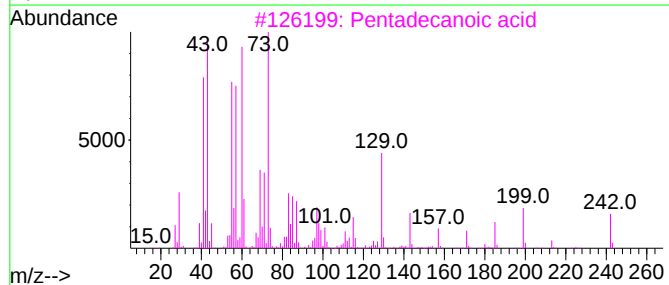
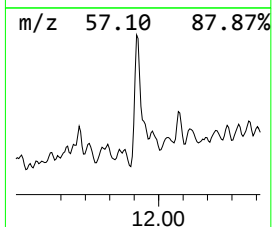
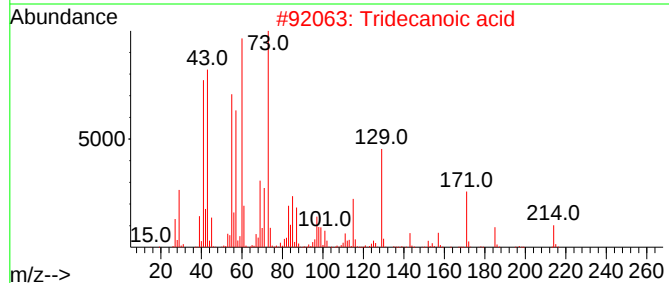
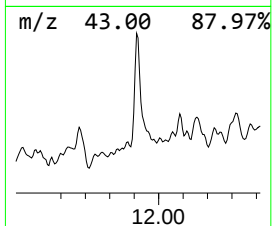
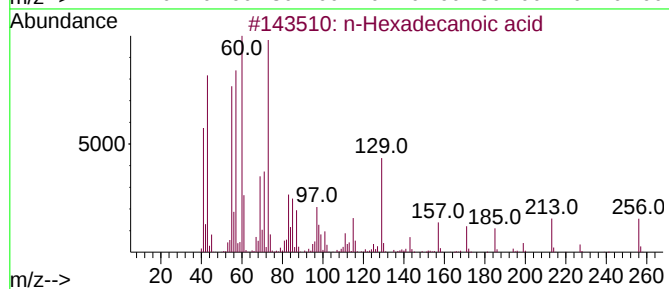
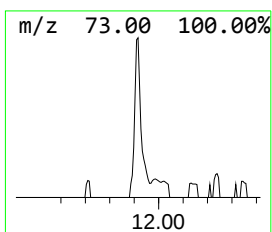
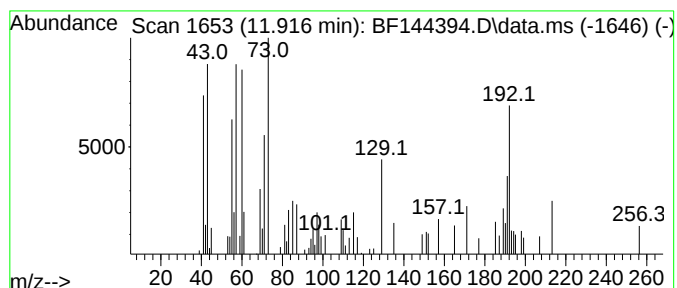
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.28 ng	56268	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	45
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	45
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	38



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Instrument :
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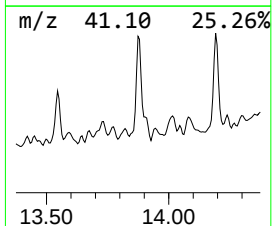
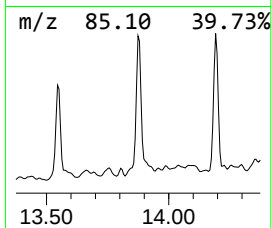
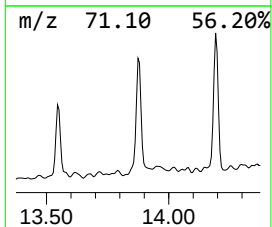
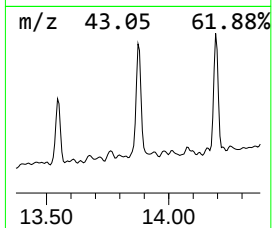
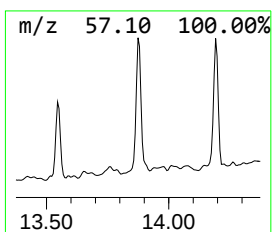
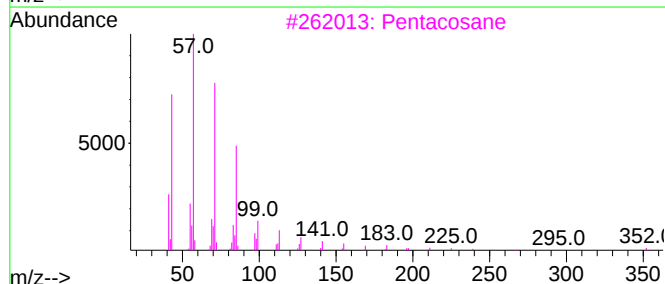
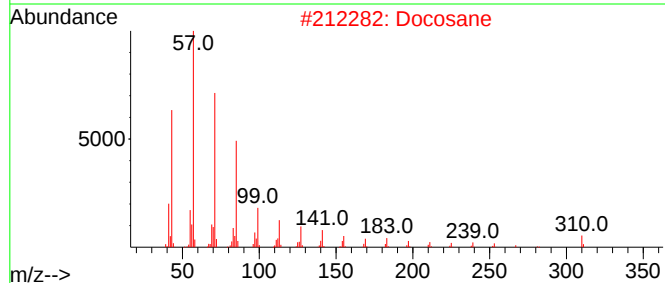
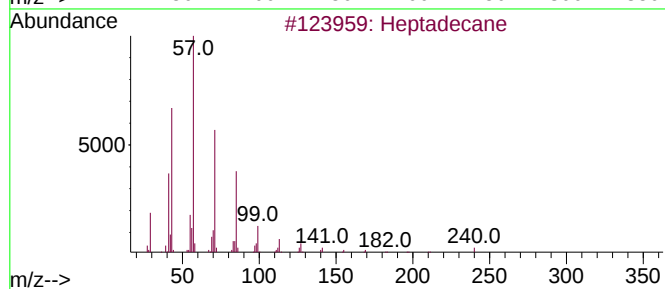
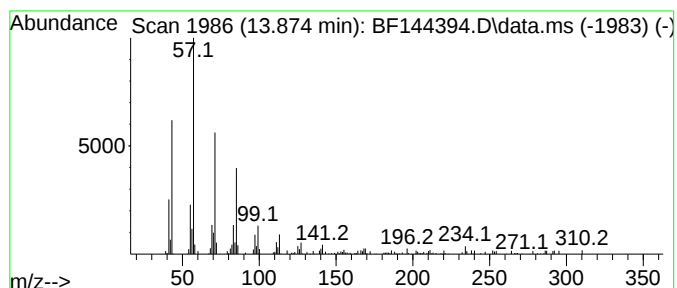
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.53 ng	90858	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Docosane	310	C22H46	000629-97-0	93
3			Pentacosane	352	C25H52	000629-99-2	87
4			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5			Hentriacontane	437	C31H64	000630-04-6	87



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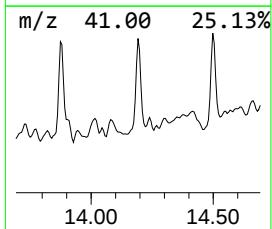
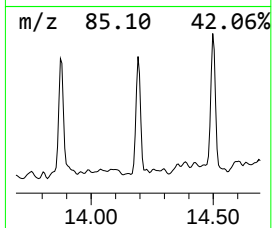
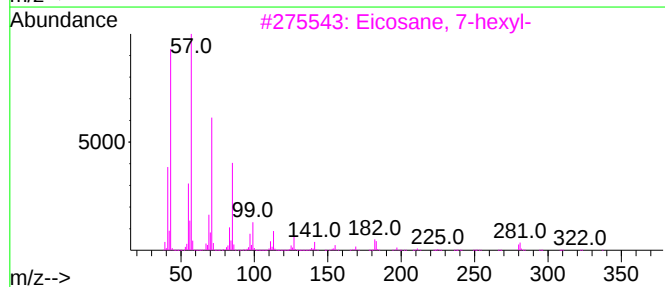
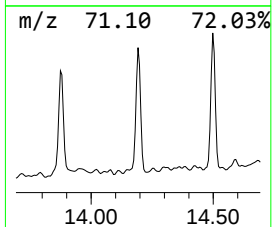
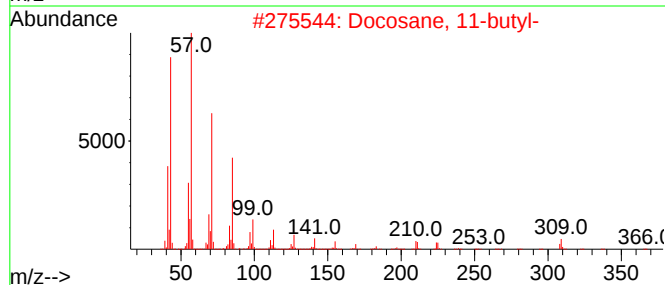
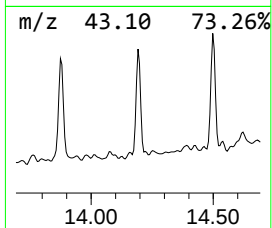
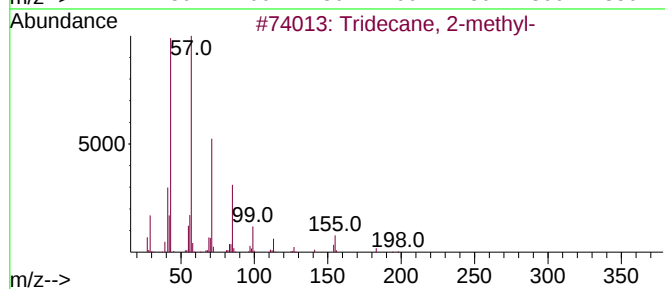
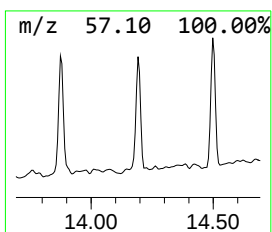
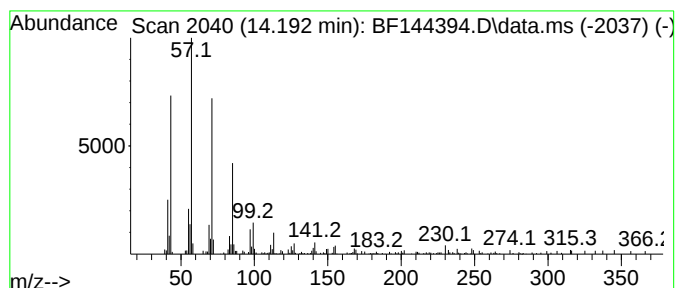
Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.192	3.03 ng	78084	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Pentacosane	352	C25H52	000629-99-2	86



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ALS Vial : 14 Sample Multiplier: 1

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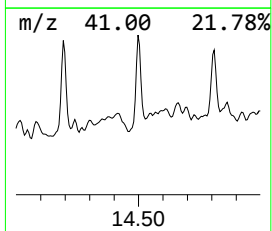
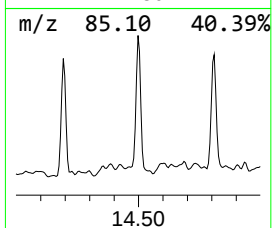
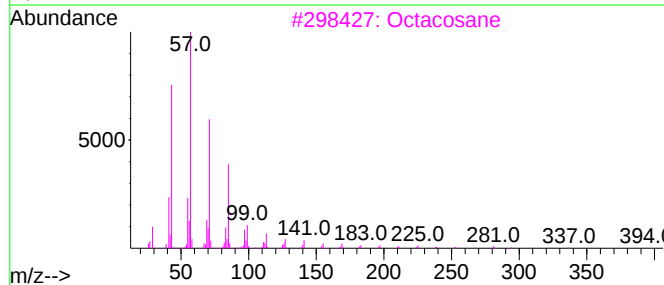
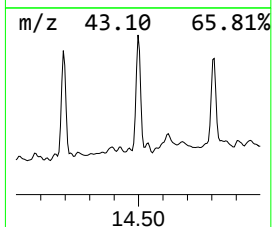
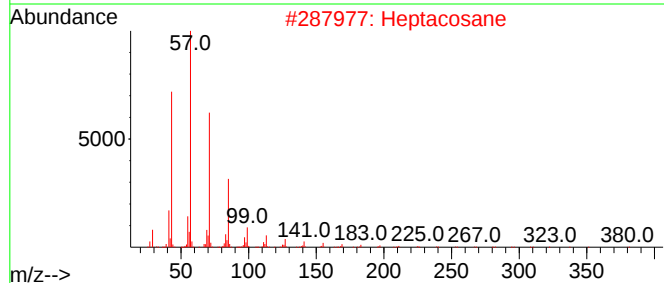
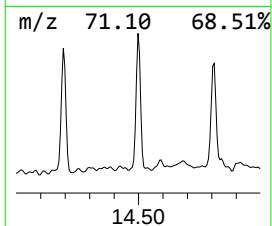
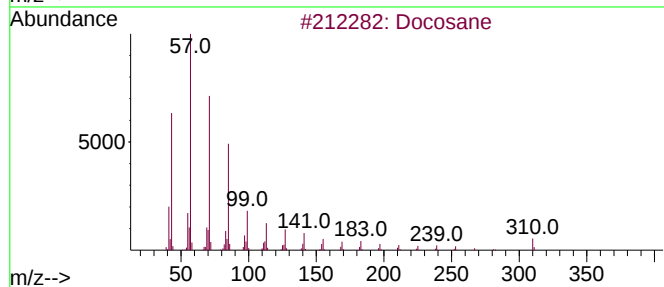
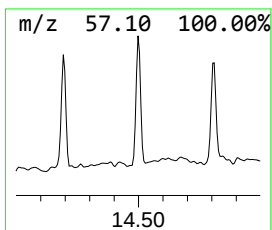
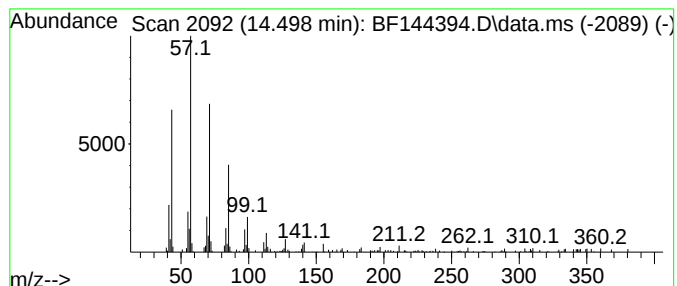
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	3.04 ng	78245	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	95
2			Heptacosane	380	C27H56	000593-49-7	93
3			Octacosane	394	C28H58	000630-02-4	90
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



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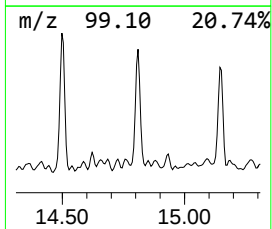
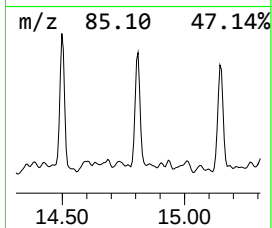
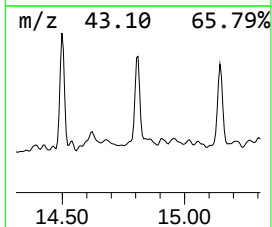
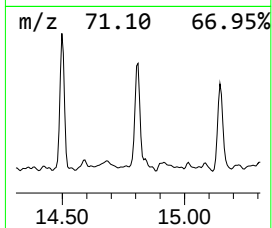
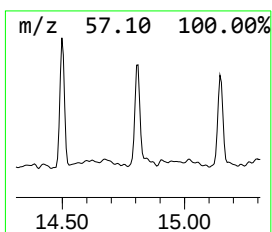
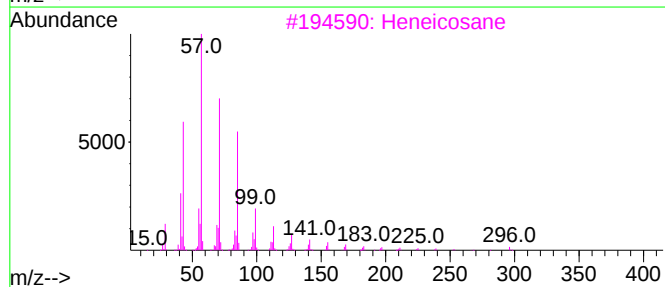
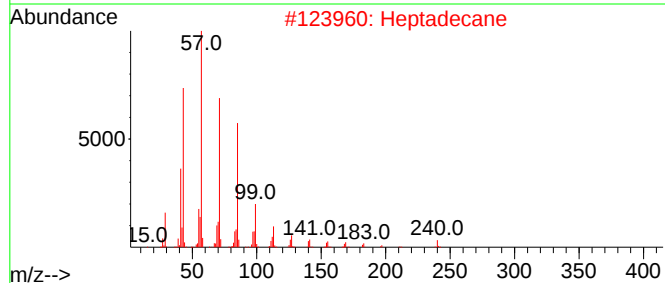
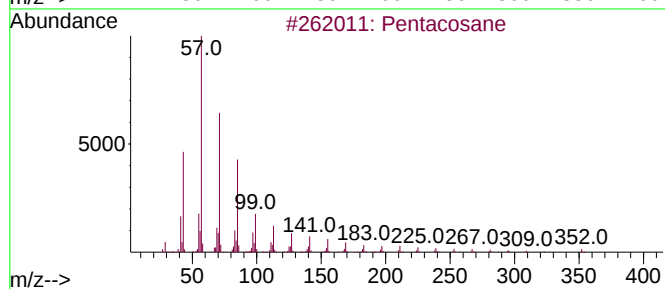
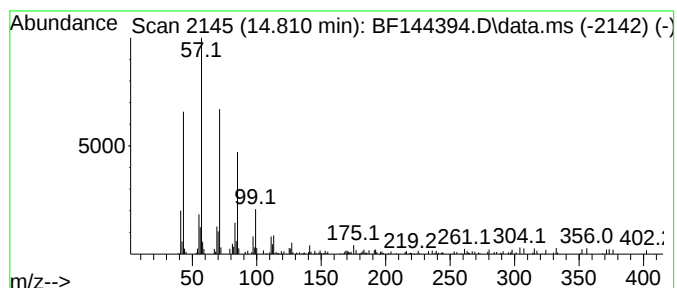
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	2.81 ng	56170	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacosane	352	C25H52	000629-99-2	93
2		Heptadecane	240	C17H36	000629-78-7	83
3		Heneicosane	296	C21H44	000629-94-7	80
4		Octacosane	394	C28H58	000630-02-4	76
5		Tetracosane	338	C24H50	000646-31-1	74



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Data File : BF144394.D
Acq On : 01 Dec 2025 18:41
Operator : RC/JU
Sample : Q3719-13 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

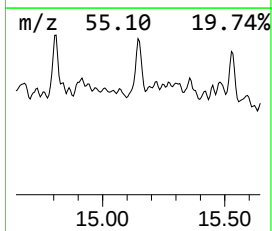
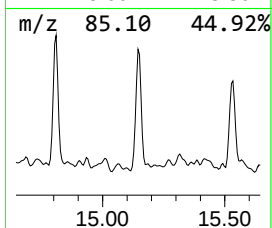
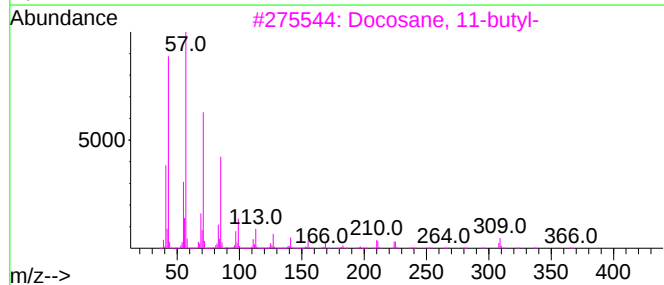
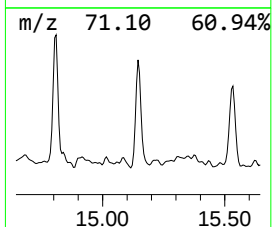
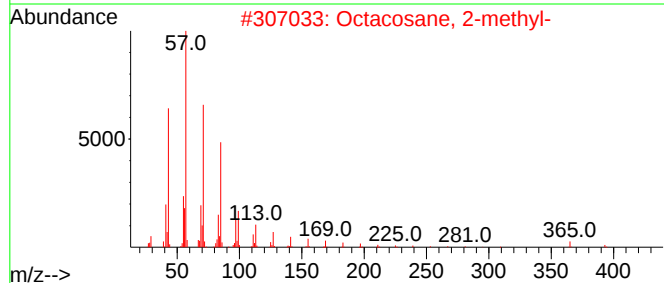
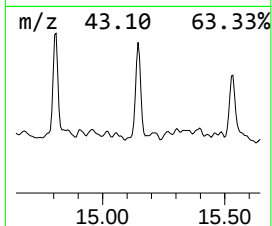
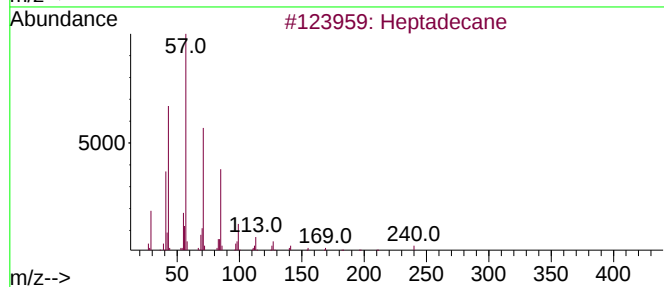
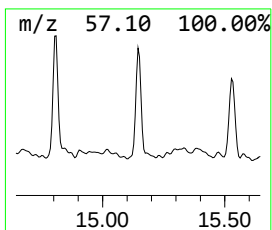
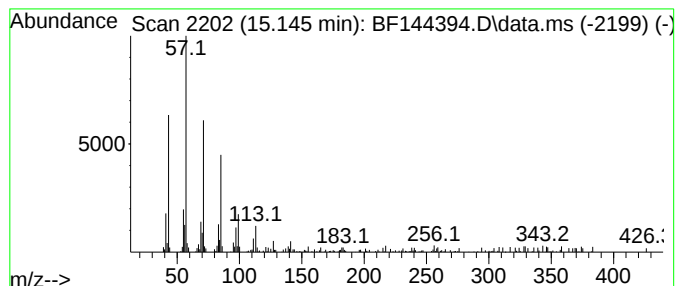
Instrument :
BNA_F
ClientSampleId :
SB-1125-17A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.145	3.28 ng	65561	Perylene-d12		15.527	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	90
2	Octacosane, 2-methyl-		408	C29H60	001560-98-1	87
3	Docosane, 11-butyl-		366	C26H54	013475-76-8	87
4	Hexatriacontane		507	C36H74	000630-06-8	86
5	Docosane, 7-hexyl-		394	C28H58	055373-86-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144394.D
Acq On : 01 Dec 2025 18:41
Operator : RC/JU
Sample : Q3719-13 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-17A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
n-Hexadecanoic ...	11.916	2.3	ng	56268	4	11.392	493235	20.0
Heptadecane	13.874	3.5	ng	90858	5	14.045	515424	20.0
Tridecane, 2-me...	14.192	3.0	ng	78084	5	14.045	515424	20.0
Docosane	14.498	3.0	ng	78245	5	14.045	515424	20.0
Pentacosane	14.810	2.8	ng	56170	6	15.527	399504	20.0
Octacosane, 2-m...	15.145	3.3	ng	65561	6	15.527	399504	20.0