

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144409.D
 Acq On : 02 Dec 2025 18:19
 Operator : RC/JU
 Sample : Q3746-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROW

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: BF144409.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	482	490	505	rBV	177290	272596	30.93%	3.522%
2	5.487	555	560	583	rBV	621054	869850	98.71%	11.240%
3	6.493	726	731	753	rBV	596541	851926	96.67%	11.008%
4	6.863	789	794	801	rBV	178634	224445	25.47%	2.900%
5	7.422	884	889	900	rBV	409521	532723	60.45%	6.884%
6	8.145	1006	1012	1023	rBV	206324	271121	30.77%	3.503%
7	9.216	1189	1194	1205	rBV	695754	881258	100.00%	11.387%
8	9.898	1305	1310	1318	rBV	216713	272047	30.87%	3.515%
9	10.616	1427	1432	1440	rBV	83428	110173	12.50%	1.424%
10	10.692	1440	1445	1461	rVV	374123	490591	55.67%	6.339%
11	10.922	1480	1484	1490	rVB	16406	21597	2.45%	0.279%
12	11.392	1559	1564	1571	rBV	185999	235975	26.78%	3.049%
13	11.616	1595	1602	1608	rBV6	5551	11207	1.27%	0.145%
14	11.910	1648	1652	1662	rBV	120200	178559	20.26%	2.307%
15	12.616	1768	1772	1782	rBV6	7399	22131	2.51%	0.286%
16	12.698	1782	1786	1793	rBV	37917	58864	6.68%	0.761%
17	12.845	1805	1811	1813	rBV2	8454	11719	1.33%	0.151%
18	12.980	1828	1834	1839	rBV	572273	757959	86.01%	9.794%
19	13.198	1865	1871	1875	rBV3	10648	17214	1.95%	0.222%
20	13.545	1926	1930	1937	rVB2	15954	23209	2.63%	0.300%
21	13.663	1947	1950	1956	rVB6	7039	11118	1.26%	0.144%
22	13.874	1981	1986	1999	rVB	58373	101052	11.47%	1.306%
23	14.039	2010	2014	2022	rBV	212995	284076	32.24%	3.671%
24	14.192	2036	2040	2048	rBV	26744	38759	4.40%	0.501%
25	14.498	2088	2092	2098	rBV	33931	54750	6.21%	0.707%
26	14.657	2116	2119	2127	rVB2	12188	16616	1.89%	0.215%
27	14.804	2140	2144	2150	rBV	34864	49703	5.64%	0.642%
28	15.145	2197	2202	2206	rBV	54484	78697	8.93%	1.017%
29	15.521	2261	2266	2276	rVB	231791	380552	43.18%	4.917%
30	15.968	2336	2342	2349	rBV	77126	136165	15.45%	1.759%
31	16.480	2424	2429	2439	rVB	29921	57992	6.58%	0.749%
32	16.780	2475	2480	2489	rVB6	25499	53384	6.06%	0.690%
33	17.080	2526	2531	2540	rVB2	35822	84719	9.61%	1.095%
34	17.609	2614	2621	2631	rVB10	31588	97841	11.10%	1.264%
35	18.680	2798	2803	2815	rVB3	64070	178339	20.24%	2.304%

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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

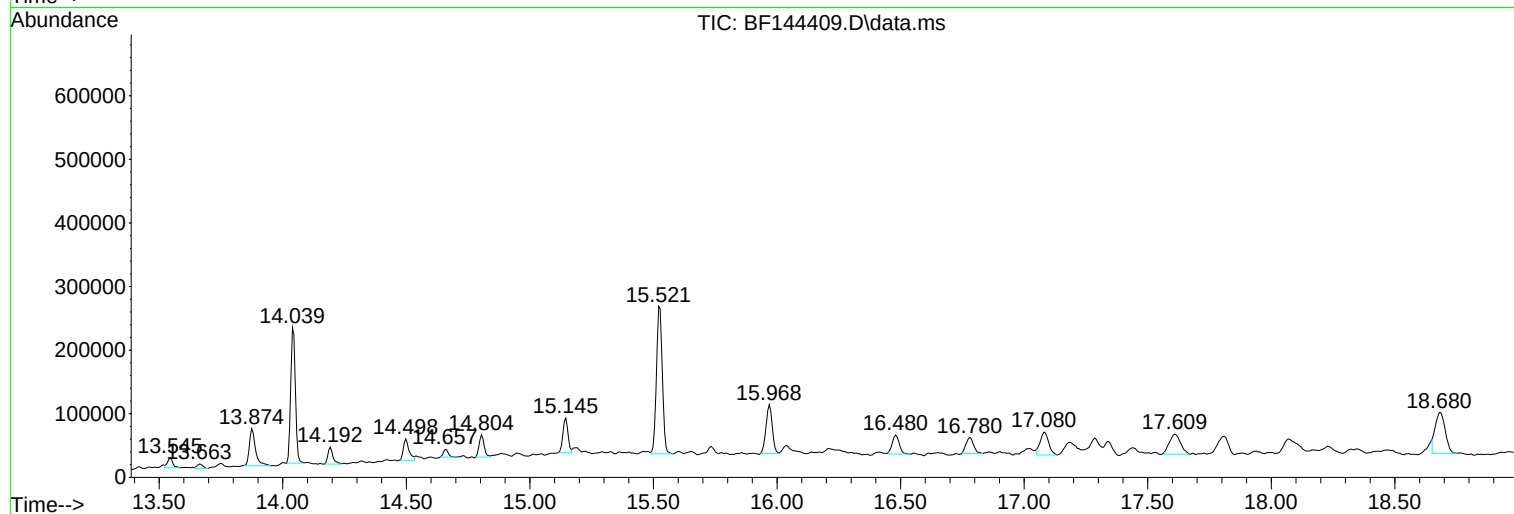
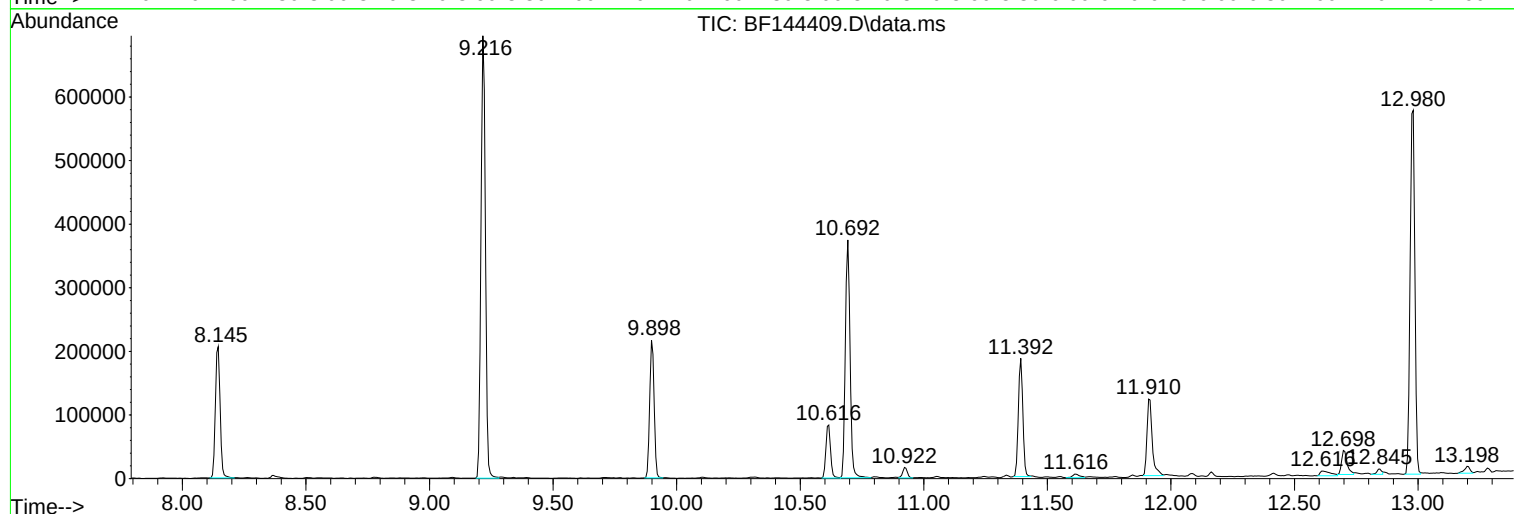
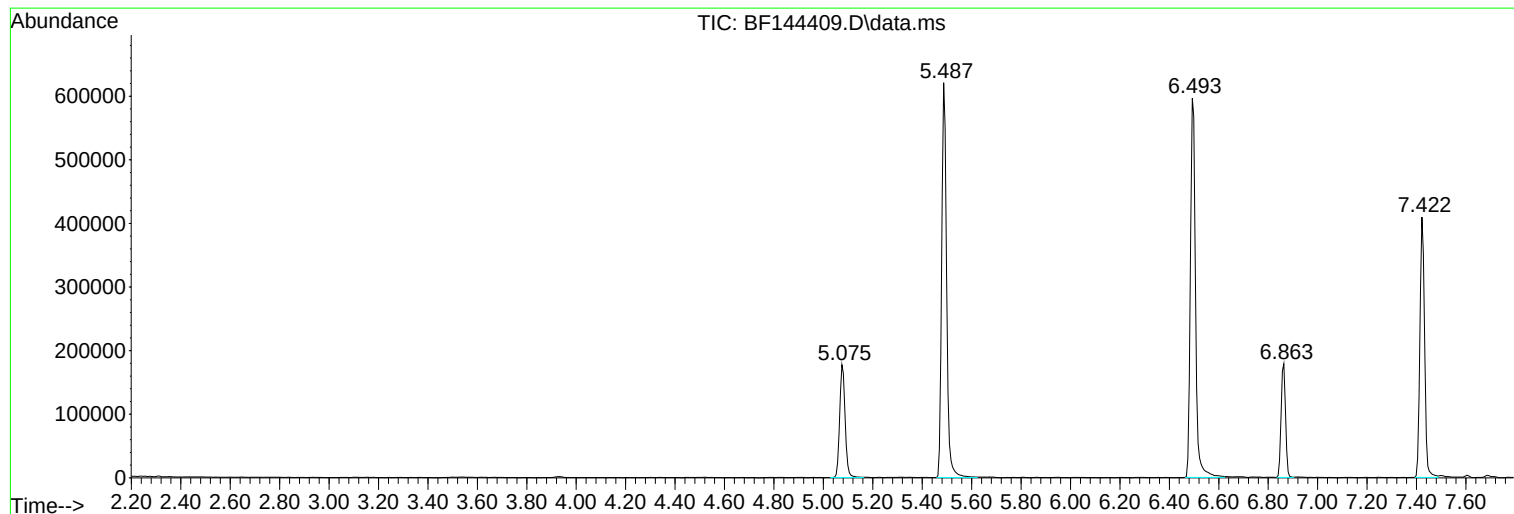
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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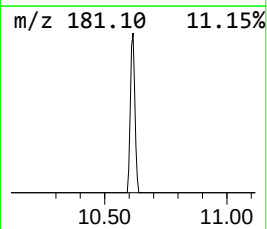
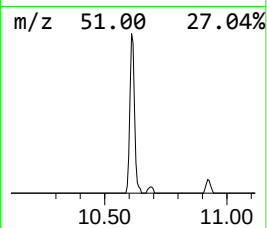
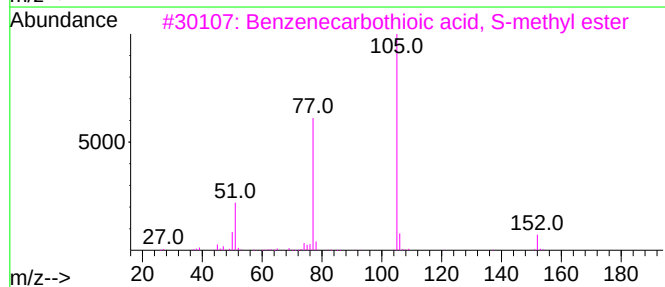
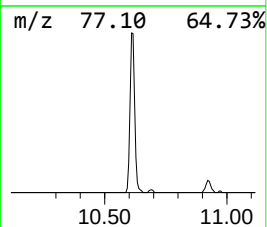
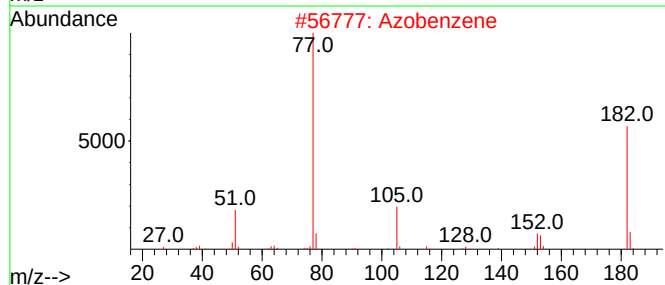
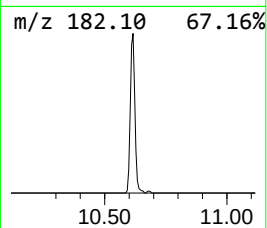
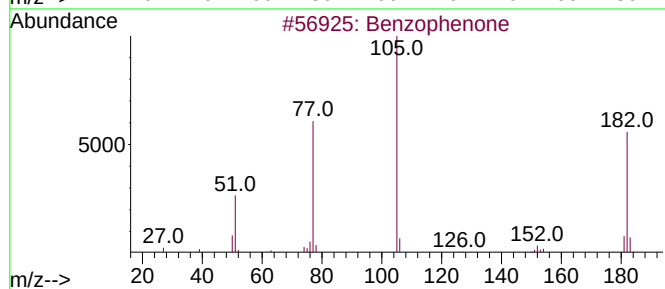
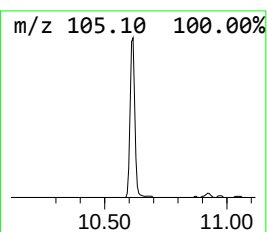
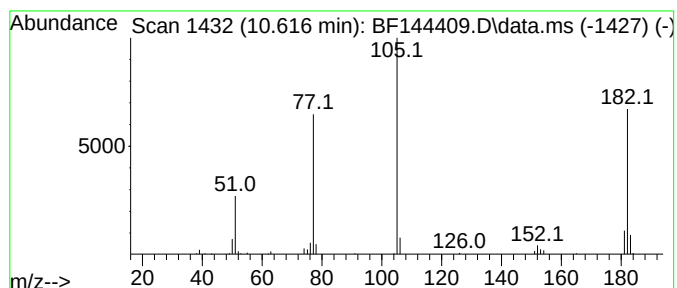
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	8.10 ng	110173	Acenaphthene-d10	9.898

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			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	43
5			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	43



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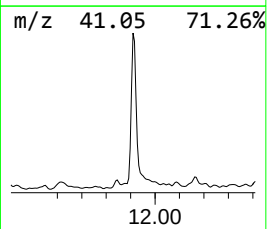
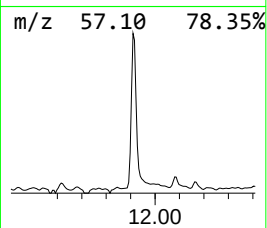
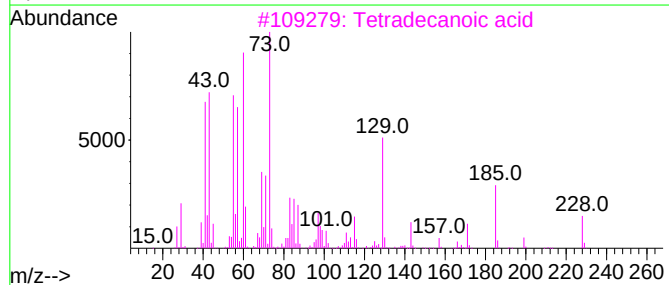
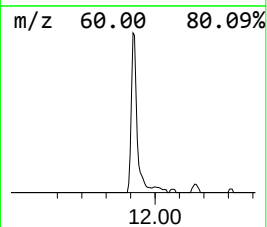
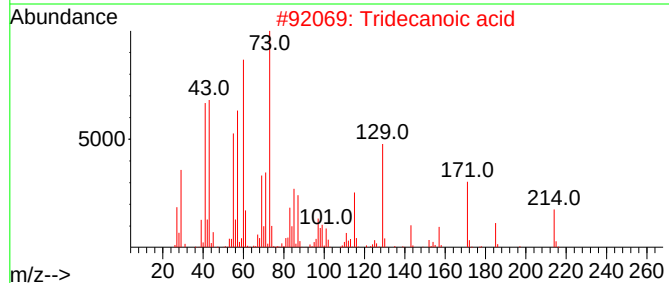
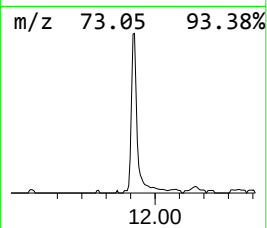
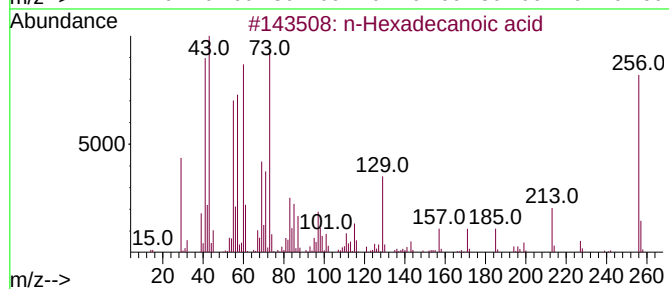
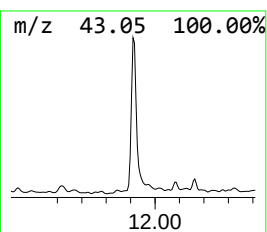
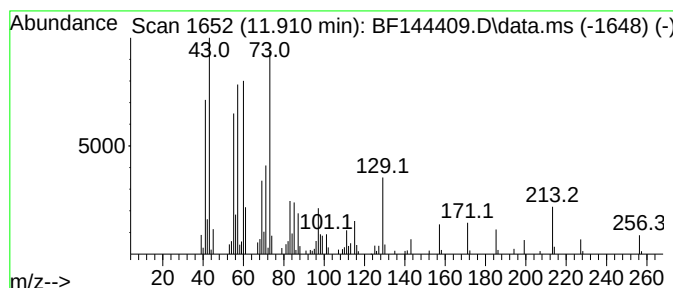
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	15.13 ng	178559	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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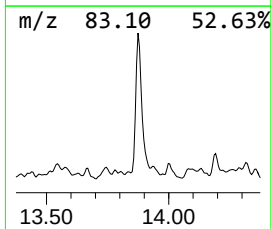
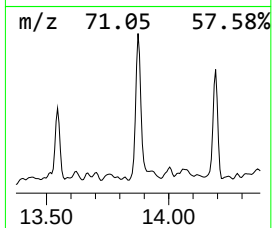
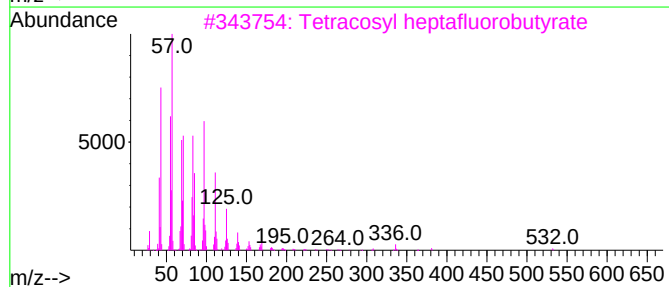
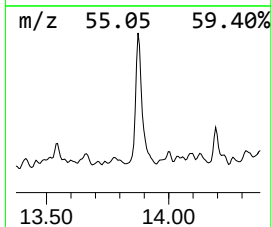
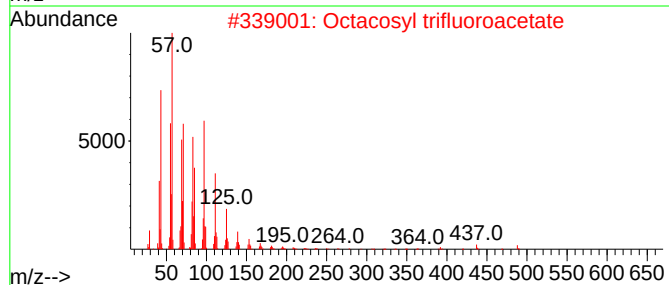
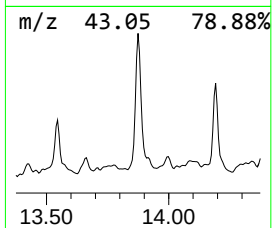
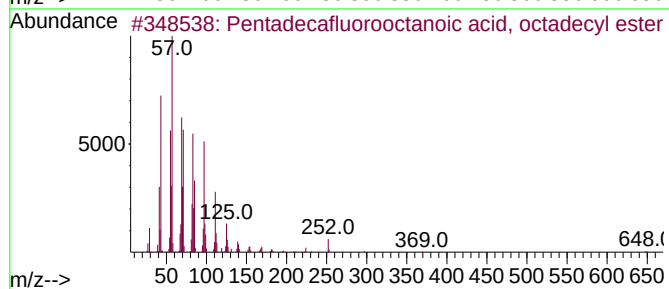
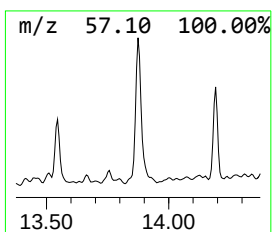
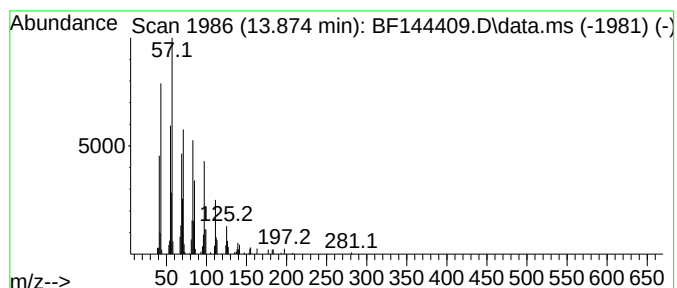
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.874	7.11 ng	101052	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	87
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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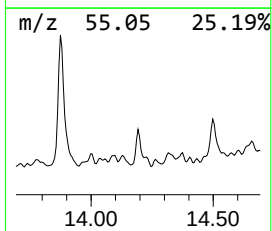
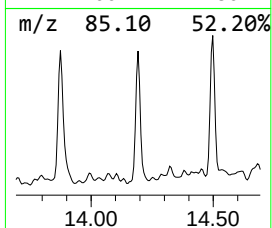
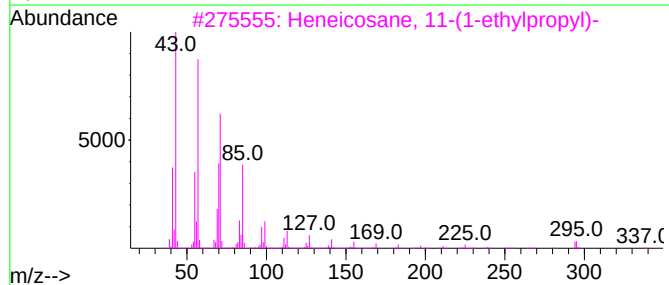
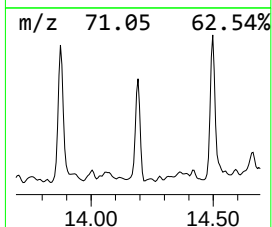
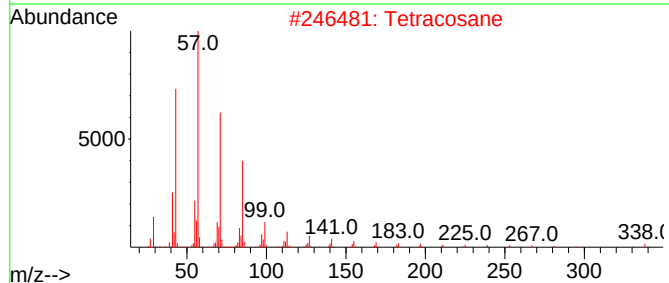
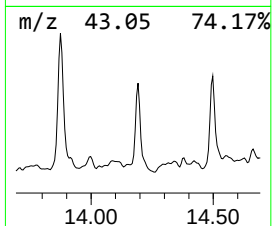
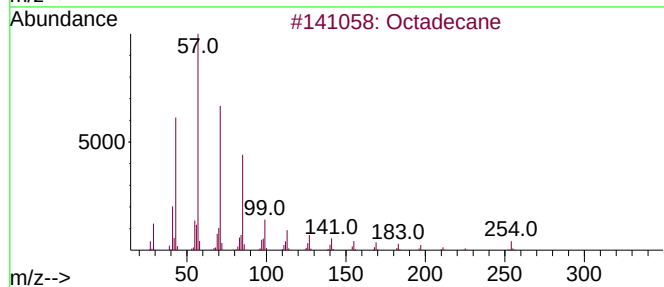
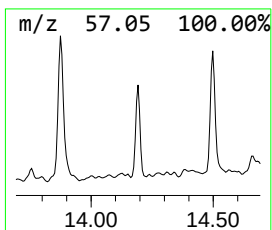
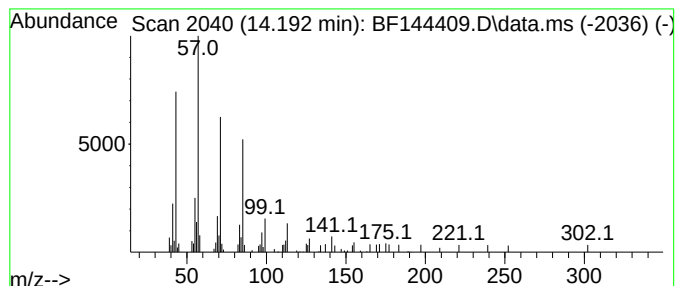
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	2.73 ng	38759	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	87
2			Tetracosane	338	C24H50	000646-31-1	87
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4			Octacosane	394	C28H58	000630-02-4	86
5			Heneicosane	296	C21H44	000629-94-7	83



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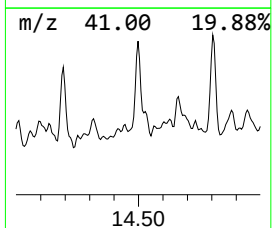
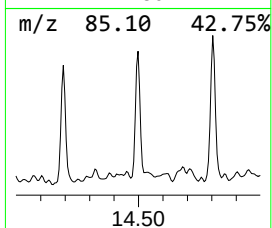
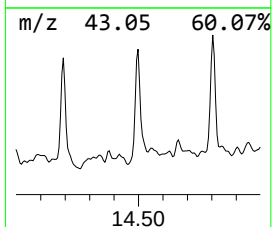
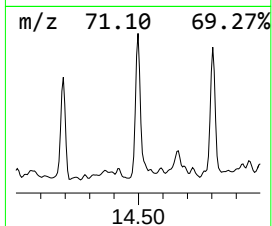
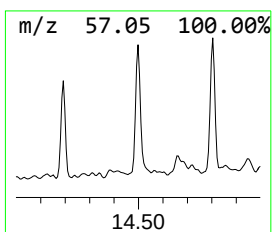
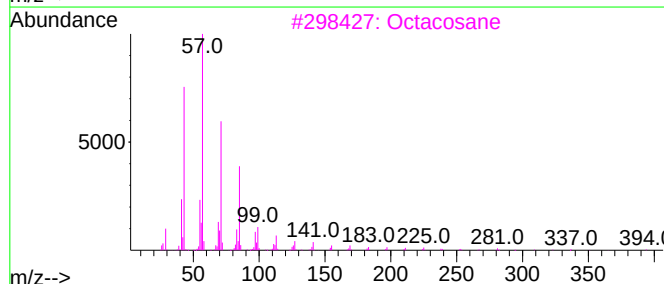
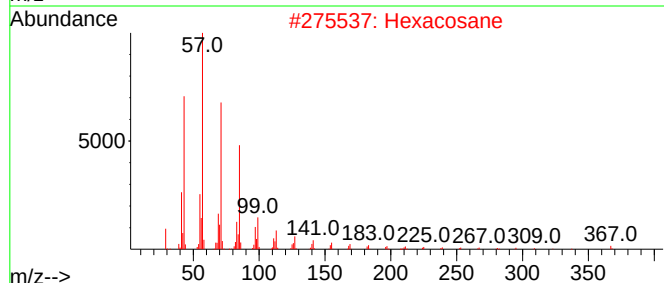
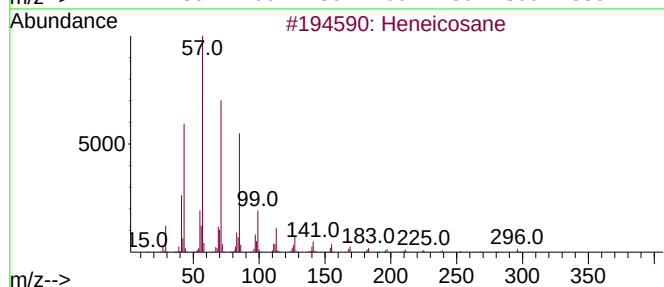
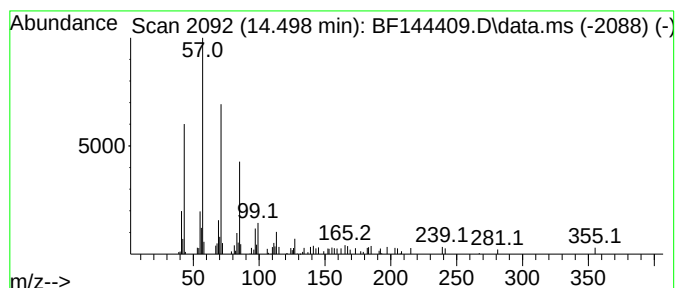
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TIC Library : C:\Database\NIST20.L
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Peak Number 7 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	3.85 ng	54750	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Heptacosane	380	C27H56	000593-49-7	90
5			Tetracosane	338	C24H50	000646-31-1	87



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ClientSampleId :
ROW

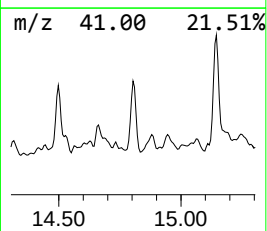
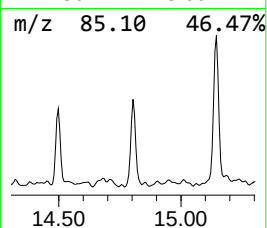
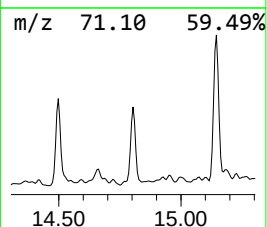
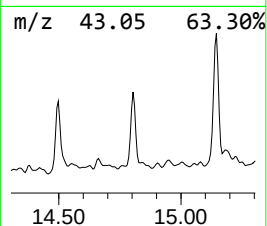
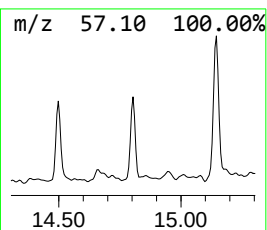
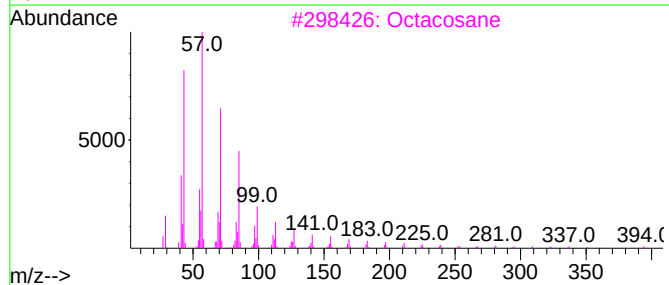
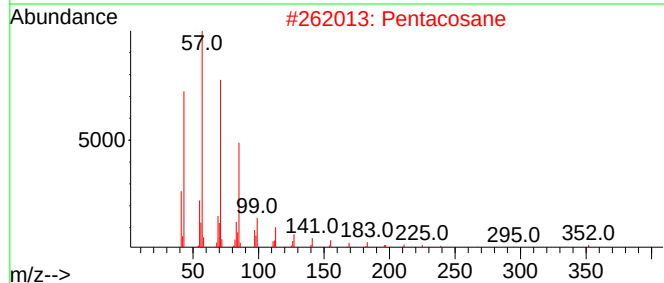
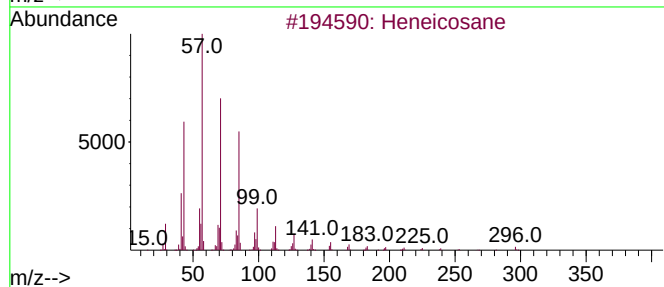
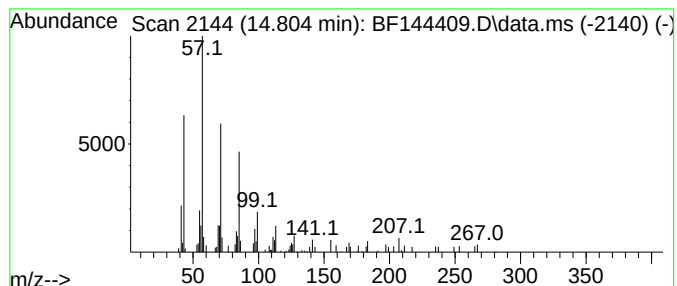
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	2.61 ng	49703	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Pentacosane	352	C25H52	000629-99-2	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Eicosane, 2-methyl-	296	C21H44	001560-84-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144409.D
Acq On : 02 Dec 2025 18:19
Operator : RC/JU
Sample : Q3746-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

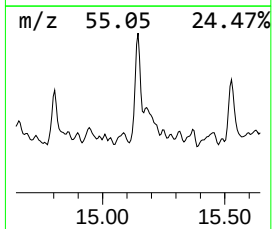
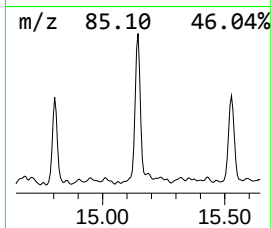
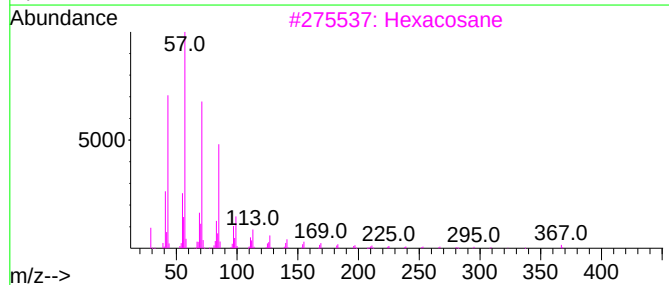
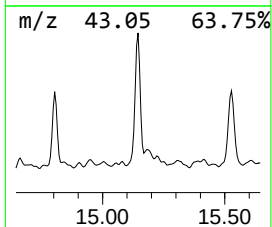
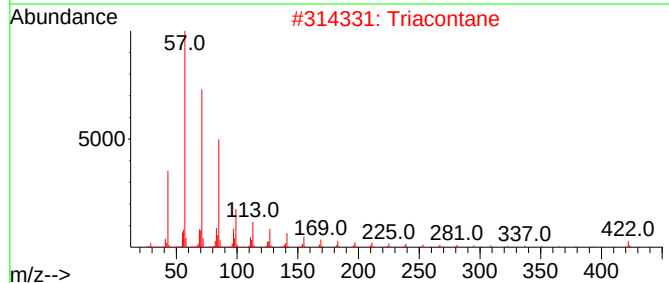
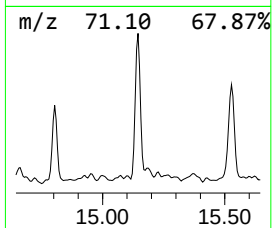
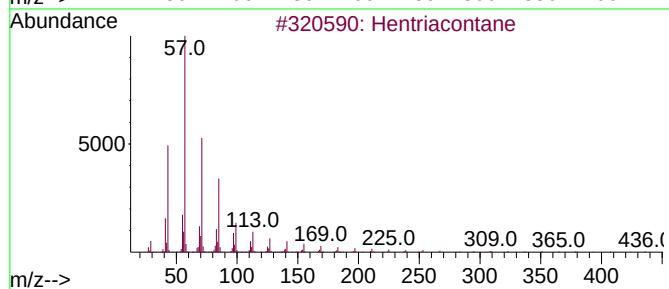
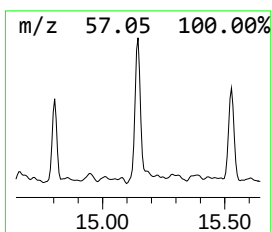
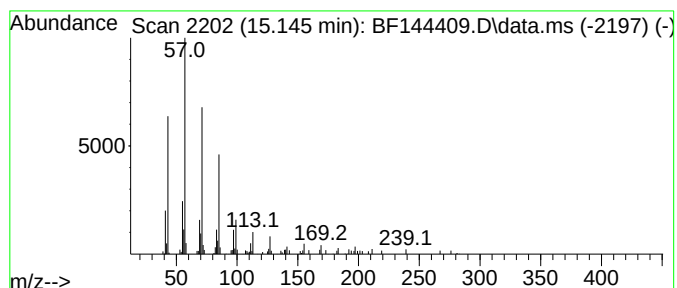
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.145	4.14 ng	78697	Perylene-d12	15.521	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
5	Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144409.D
Acq On : 02 Dec 2025 18:19
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Sample : Q3746-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROW

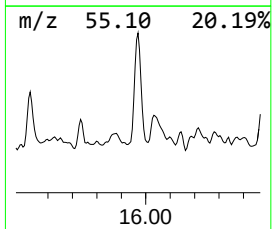
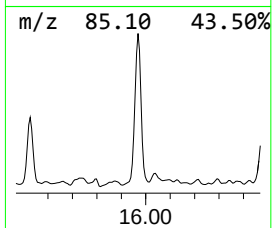
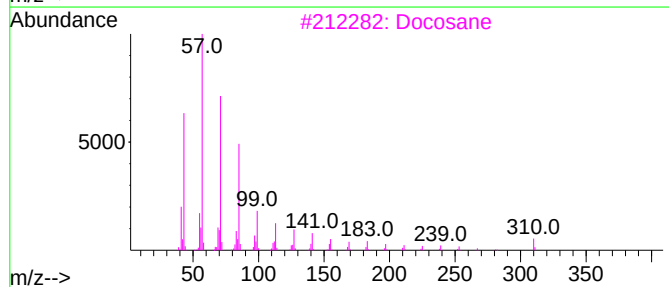
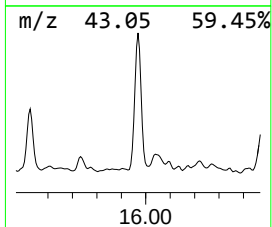
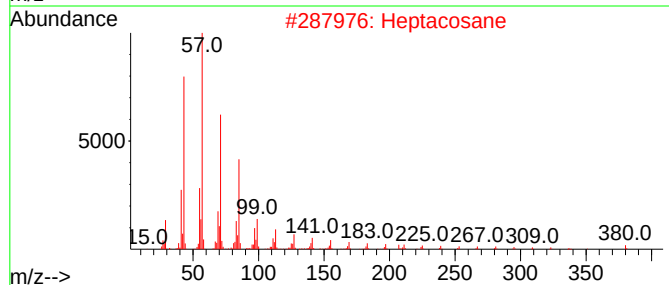
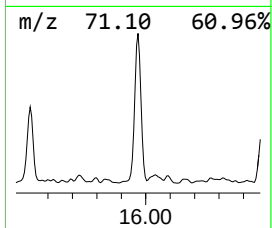
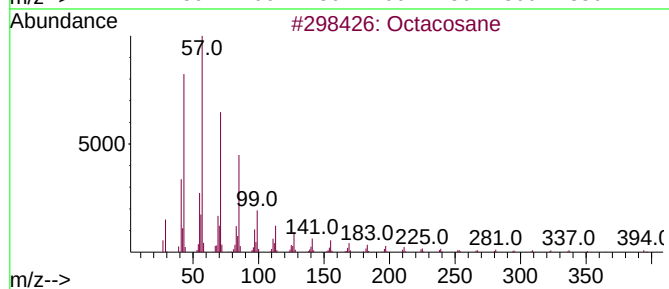
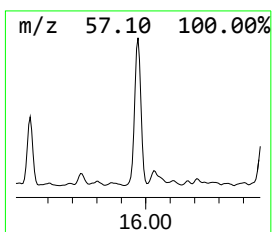
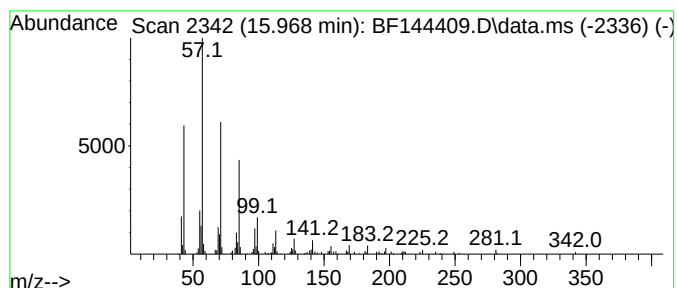
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	7.16 ng	136165	Perylene-d12	15.521

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Docosane	310	C22H46	000629-97-0	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
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Operator : RC/JU
Sample : Q3746-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

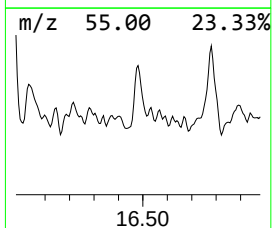
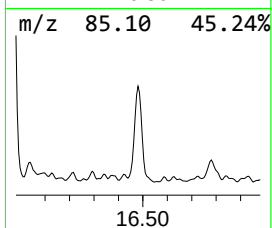
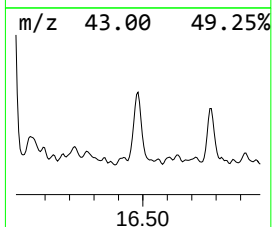
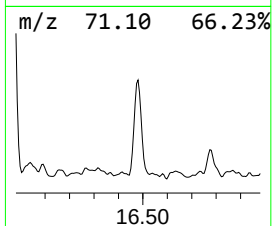
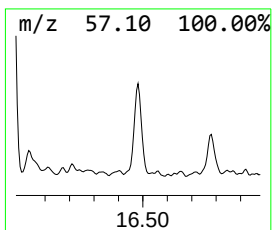
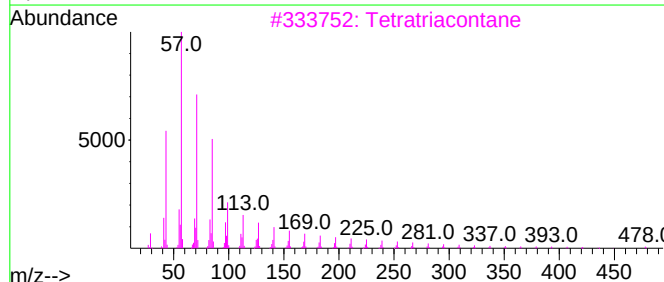
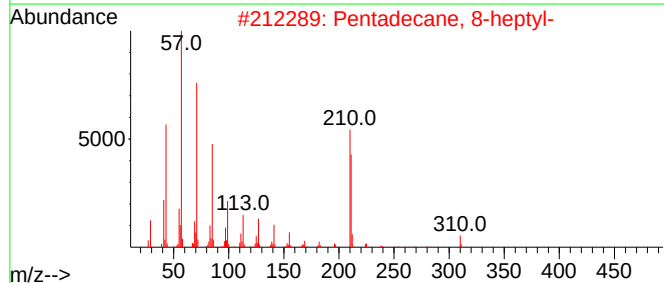
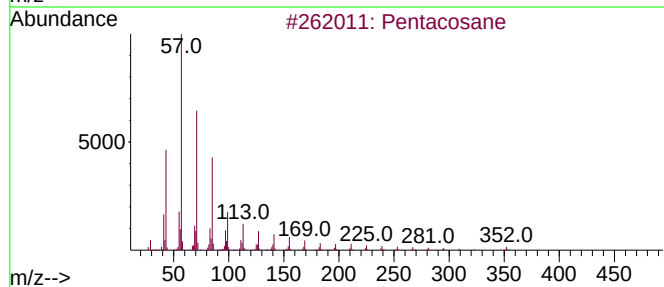
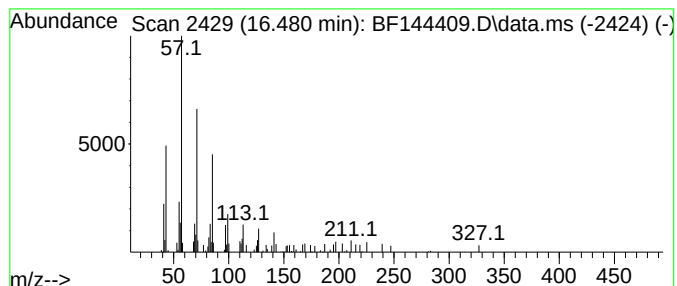
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 8-heptyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.480	3.05 ng	57992	Perylene-d12	15.521	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144409.D
Acq On : 02 Dec 2025 18:19
Operator : RC/JU
Sample : Q3746-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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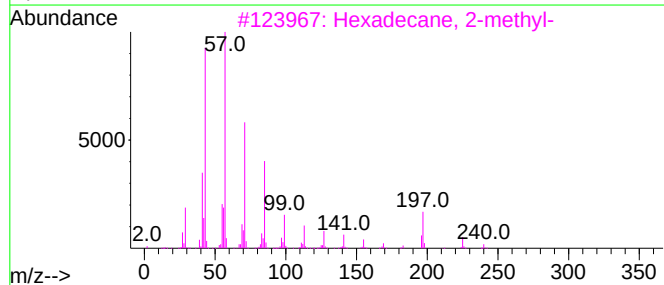
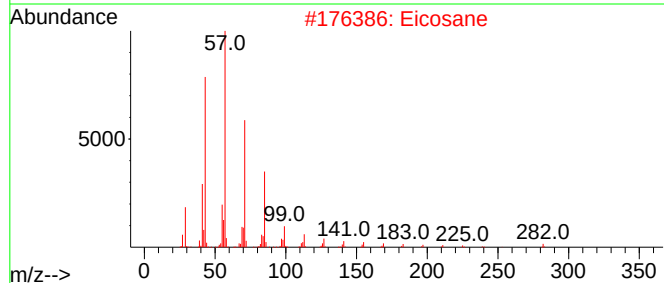
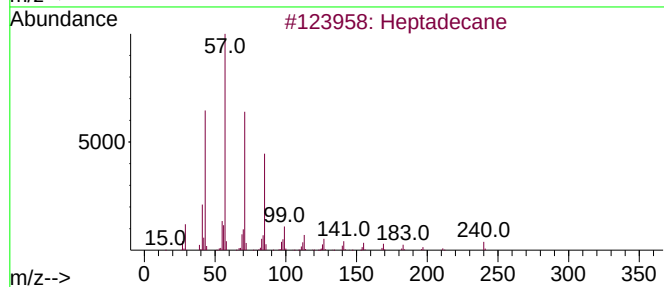
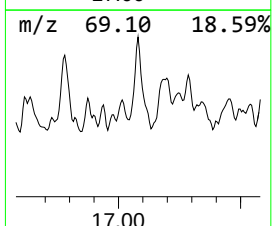
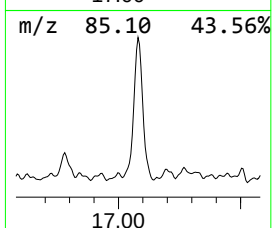
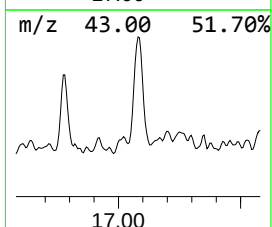
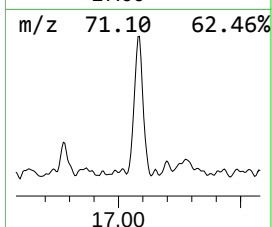
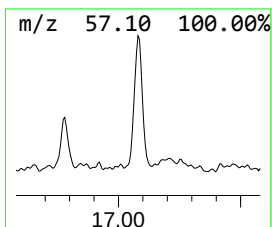
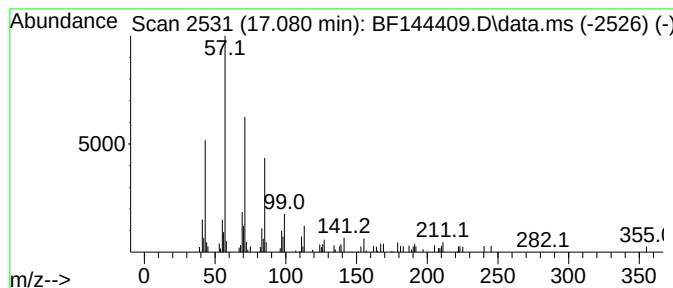
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	4.45 ng	84719	Perylene-d12	15.521

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144409.D
Acq On : 02 Dec 2025 18:19
Operator : RC/JU
Sample : Q3746-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic ...	11.910	15.1	ng	178559	4	11.392	235975	20.0
Pentadecafluoro...	13.874	7.1	ng	101052	5	14.039	284076	20.0
Octadecane	14.192	2.7	ng	38759	5	14.039	284076	20.0
Heneicosane	14.498	3.9	ng	54750	5	14.039	284076	20.0
Pentacosane	14.804	2.6	ng	49703	6	15.521	380552	20.0
Hentriacontane	15.145	4.1	ng	78697	6	15.521	380552	20.0
Octacosane	15.968	7.2	ng	136165	6	15.521	380552	20.0
Pentadecane, 8-...	16.480	3.0	ng	57992	6	15.521	380552	20.0
Heptadecane	17.080	4.5	ng	84719	6	15.521	380552	20.0