

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT25653

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024964.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	305	312	319	rBV	284830	401246	1.84%	0.331%
2	5.237	382	391	408	rBV	2710399	4474010	20.47%	3.692%
3	6.819	653	660	676	rBV	2546991	4706671	21.53%	3.884%
4	7.607	782	794	802	rBV	977181	1488255	6.81%	1.228%
5	8.760	983	990	1011	rBV	1710971	3053310	13.97%	2.520%
6	10.378	1254	1265	1273	rBV	1167085	2203175	10.08%	1.818%
7	11.396	1433	1438	1442	rBV2	142613	265012	1.21%	0.219%
8	12.666	1650	1654	1659	rVB2	280606	395669	1.81%	0.327%
9	12.725	1660	1664	1668	rBV5	139636	258799	1.18%	0.214%
10	12.772	1668	1672	1676	rVV	447158	647093	2.96%	0.534%
11	12.854	1678	1686	1696	rVB	3949808	6251675	28.60%	5.159%
12	13.013	1709	1713	1716	rBV3	274347	431107	1.97%	0.356%
13	13.595	1808	1812	1816	rVB	857647	1274366	5.83%	1.052%
14	13.660	1819	1823	1829	rBV2	1128562	1504964	6.88%	1.242%
15	13.731	1832	1835	1839	rVV2	1143806	1636205	7.49%	1.350%
16	13.778	1840	1843	1852	rVB4	467110	801028	3.66%	0.661%
17	13.984	1874	1878	1883	rBV3	653253	1305333	5.97%	1.077%
18	14.078	1890	1894	1901	rVB2	1973917	3140101	14.37%	2.591%
19	14.154	1902	1907	1912	rBV4	689737	1237199	5.66%	1.021%
20	14.213	1912	1917	1920	rBV2	1087209	2095912	9.59%	1.730%
21	14.254	1920	1924	1927	rVV2	2040997	3663555	16.76%	3.023%
22	14.284	1927	1929	1934	rVB	2106159	2759749	12.63%	2.277%
23	14.584	1976	1980	1984	rBV	527712	998017	4.57%	0.824%
24	14.672	1991	1995	1997	rBV3	623880	872277	3.99%	0.720%
25	14.789	2011	2015	2021	rBV2	1632049	2483821	11.36%	2.050%
26	14.978	2043	2047	2054	rBV5	1156803	2806308	12.84%	2.316%
27	15.048	2055	2059	2064	rVV2	2761845	4307130	19.70%	3.554%
28	15.542	2139	2143	2149	rVB	3624247	5935227	27.15%	4.898%
29	15.778	2180	2183	2189	rVB	2796482	4294023	19.64%	3.544%
30	16.036	2219	2227	2232	rBV	11929291	21858938	100.00%	18.039%
31	16.883	2366	2371	2378	rVB	10038439	17733186	81.13%	14.634%
32	19.789	2862	2865	2871	rVB	6648011	8006274	36.63%	6.607%
33	21.495	3151	3155	3161	rVB2	2760679	4258203	19.48%	3.514%
34	24.760	3705	3710	3718	rVB	1467803	3626898	16.59%	2.993%

Sum of corrected areas: 121174736

Instrument :
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ClientSampleId :
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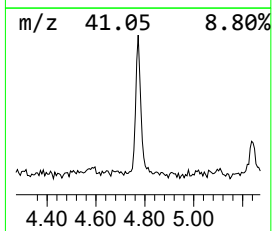
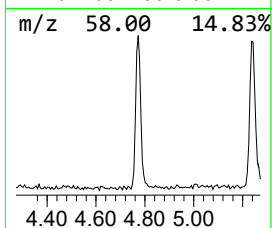
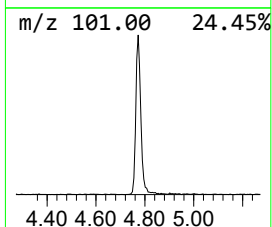
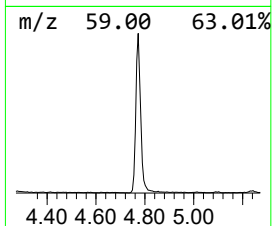
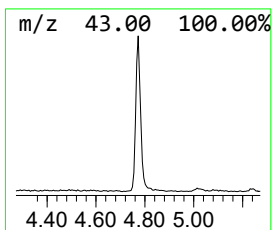
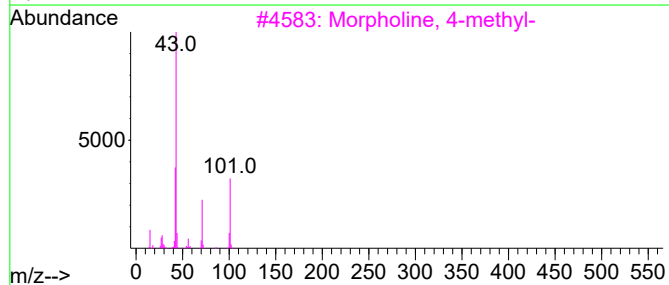
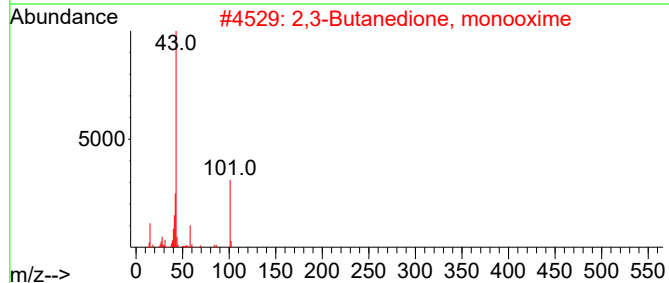
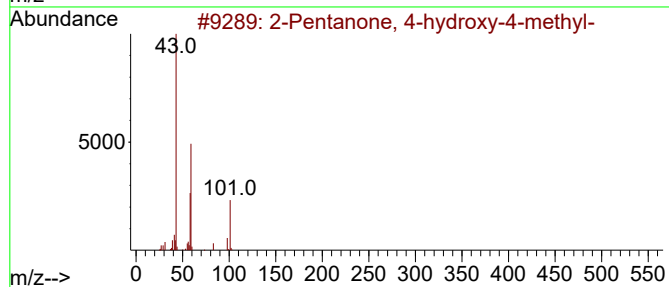
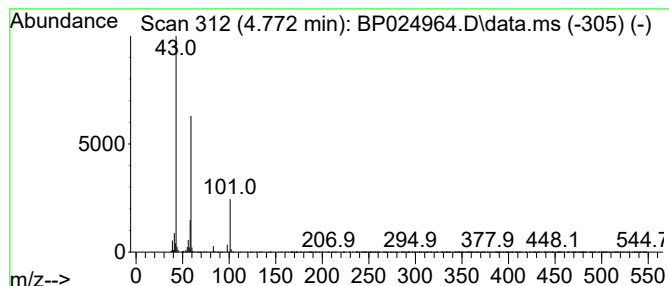
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	5.39 ng	401246	1,4-Dichlorobenzene-d4	7.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
4	Hexanamide	115	C6H13NO	000628-02-4	9		
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		



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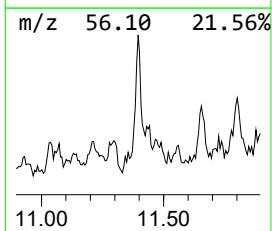
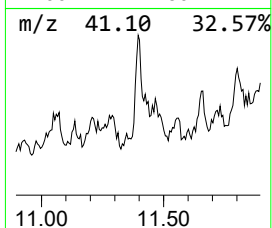
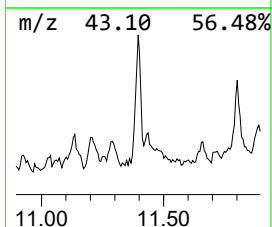
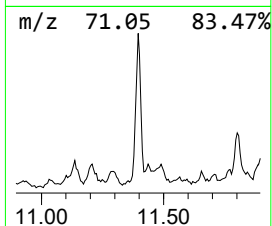
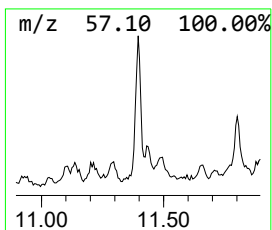
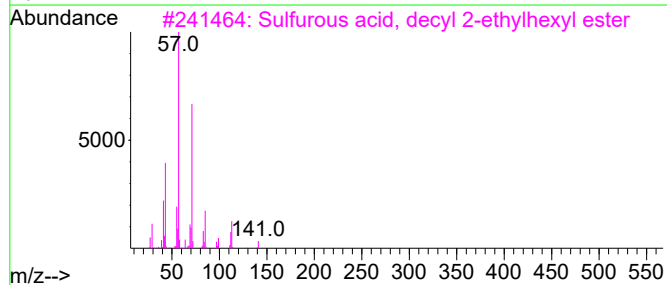
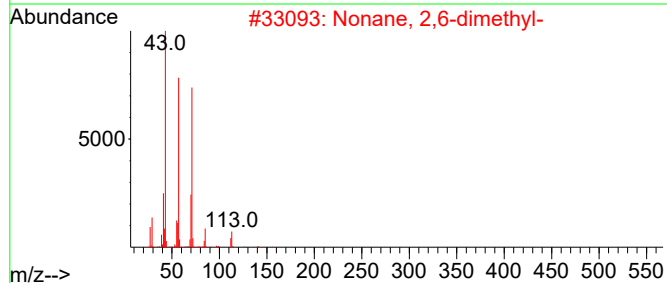
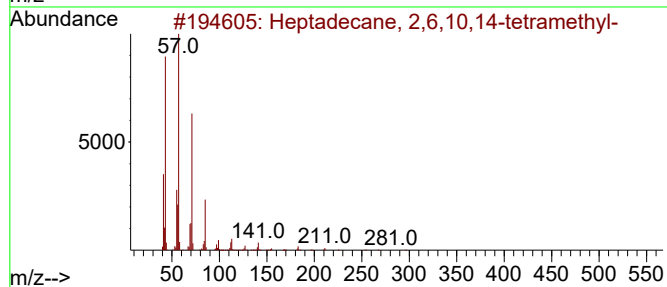
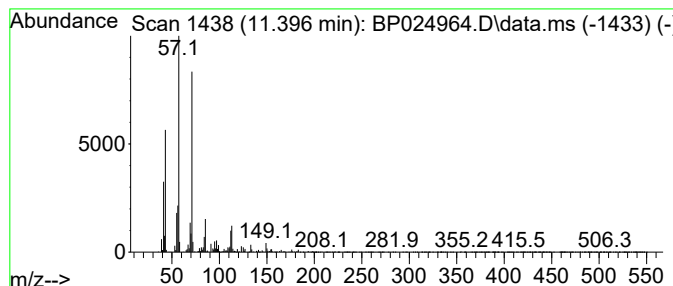
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Heptadecane, 2,6,10,14-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	2.41 ng	265012	Naphthalene-d8	10.378

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	74
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5			Heptane, 3-[(ethenylloxy)methyl]-	156	C10H20O	000103-44-6	72



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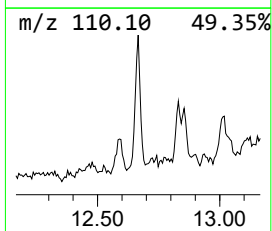
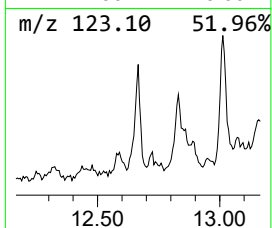
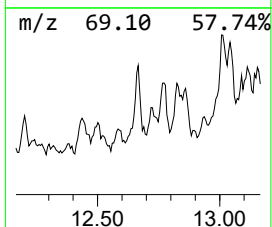
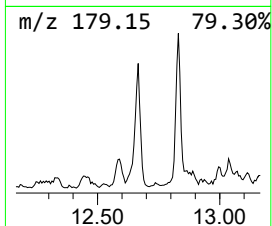
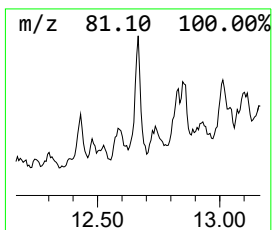
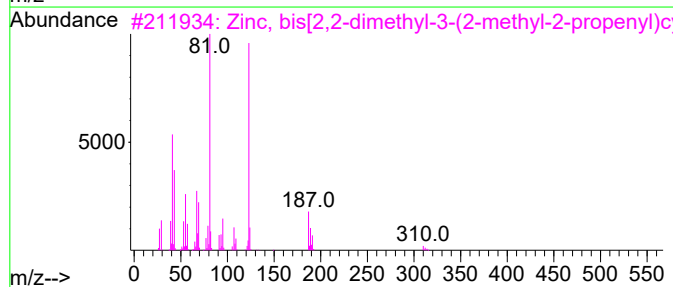
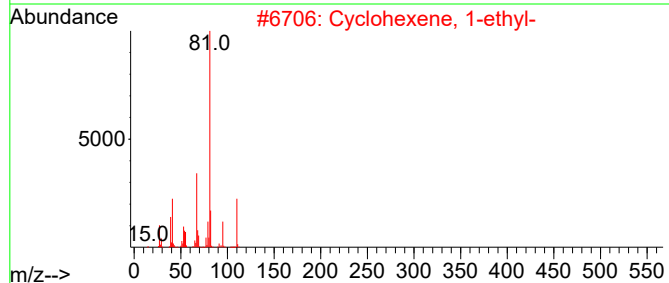
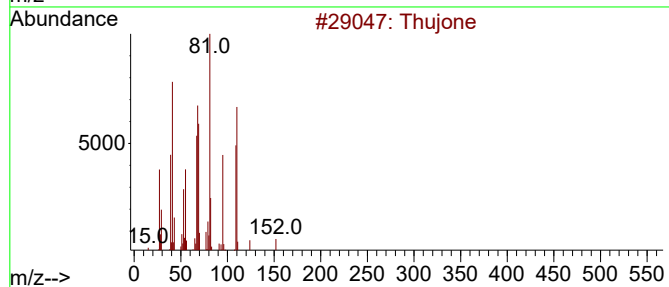
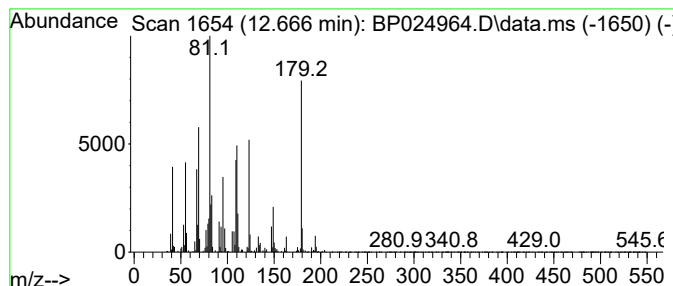
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown12.666 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.666	2.16 ng	395669	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thujone	152	C10H16O	000546-80-5	43
2			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
3			Zinc, bis[2,2-dimethyl-3-(2-meth...	310	C18H30Zn	074842-24-3	35
4			Undec-10-ynoic acid, butyl ester	238	C15H26O2	1000406-15-7	27
5			trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	27



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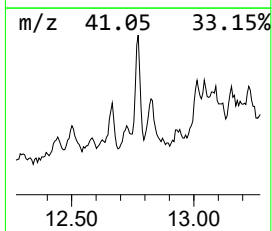
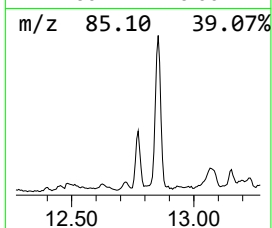
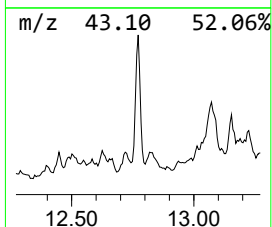
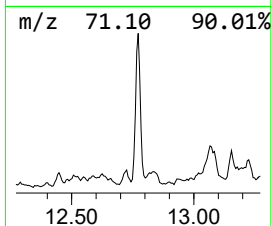
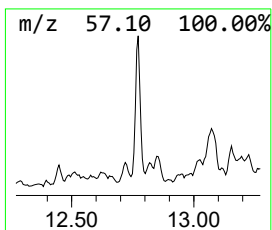
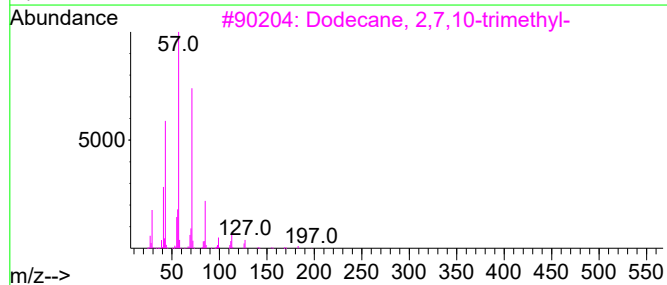
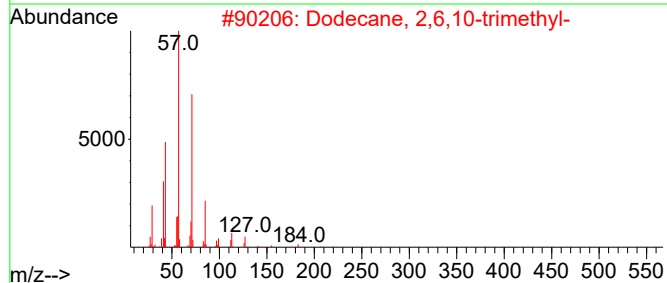
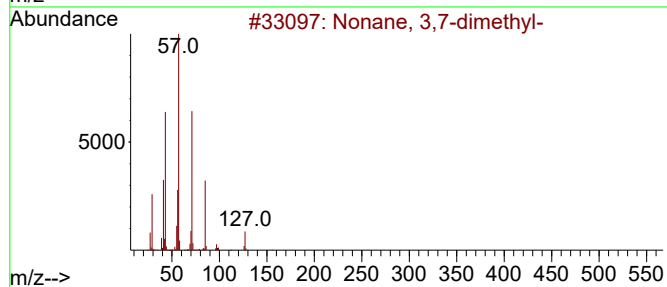
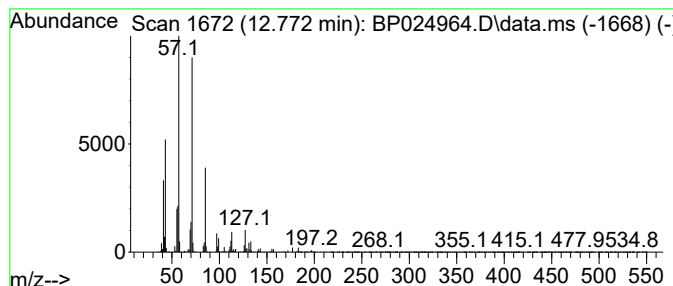
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.772	3.53 ng	647093	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58



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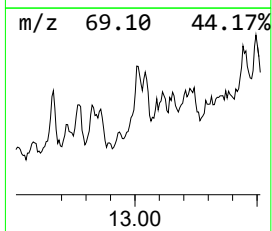
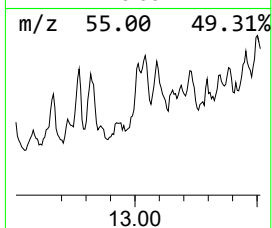
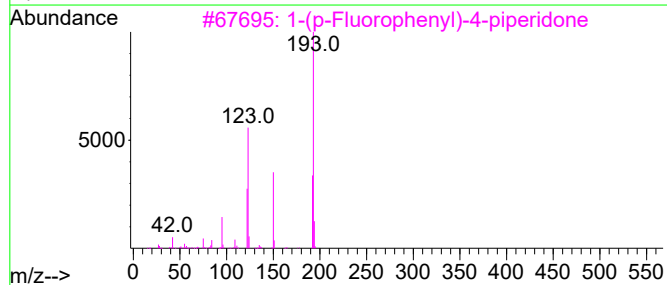
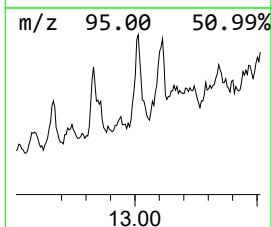
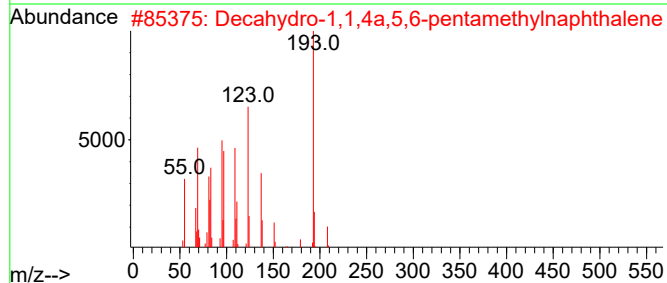
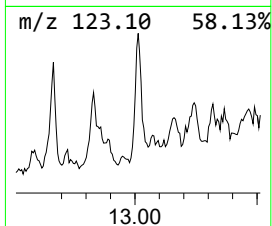
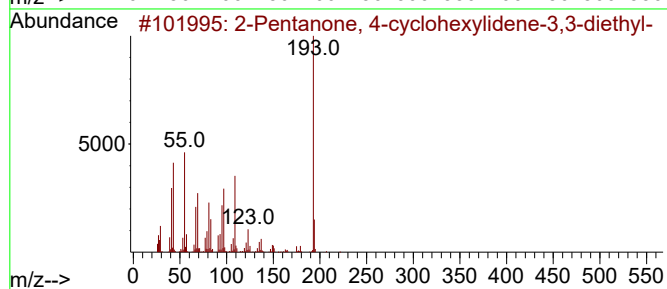
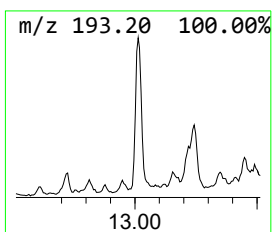
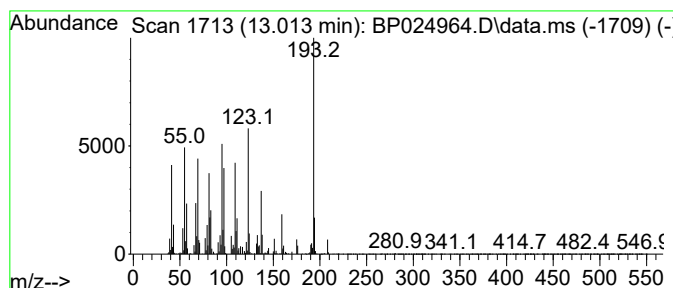
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Peak Number 5 2-Pentanone, 4-cyclohexylidene-3,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.013	2.35 ng	431107	Acenaphthene-d10	14.254	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	53
2	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	50
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
4	1-Anthracenamine	193	C14H11N	000610-49-1	35
5	2-Anthracenamine	193	C14H11N	000613-13-8	35



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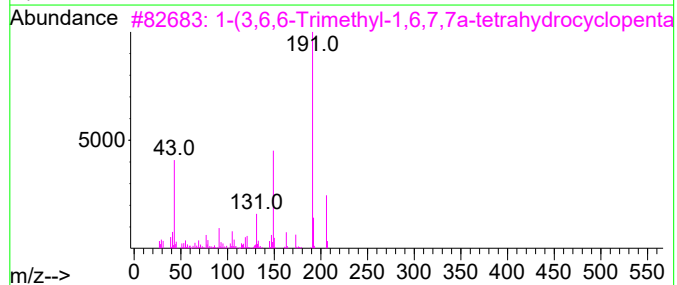
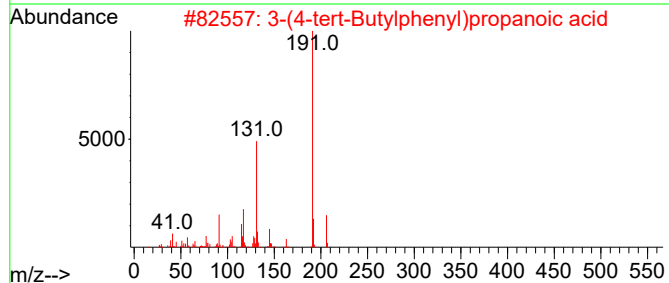
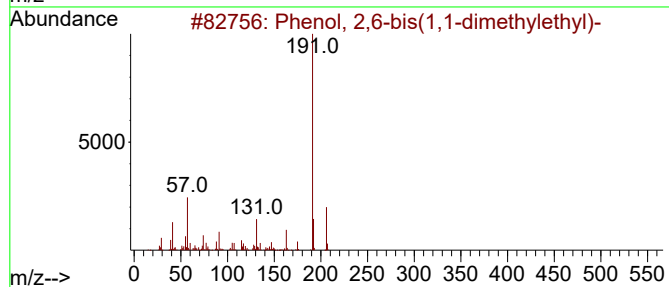
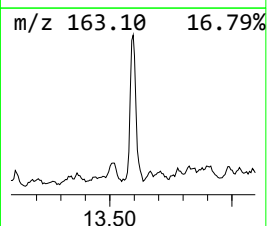
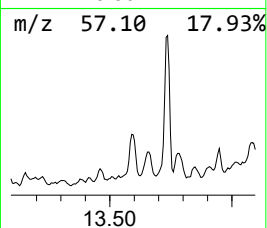
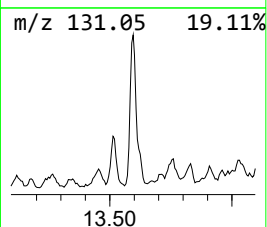
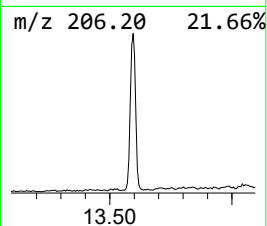
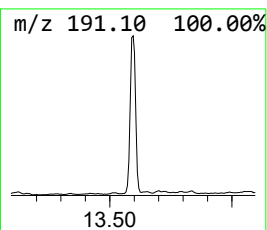
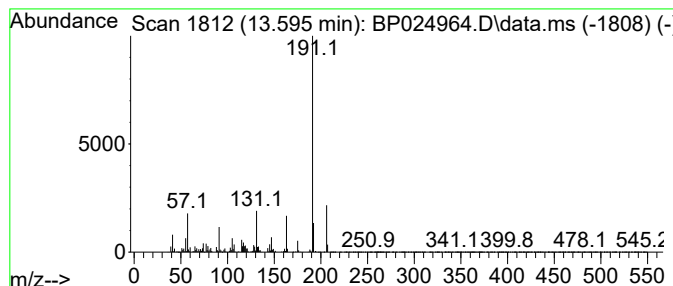
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.595	6.96 ng	1274370	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	94
2			3-(4-tert-Butylphenyl)propanoic ...	206	C13H18O2	001208-64-6	87
3			1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	86
4			2,4-Di-tert-butylphenol	206	C14H22O	000096-76-4	81
5			Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT25653

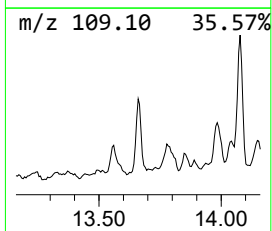
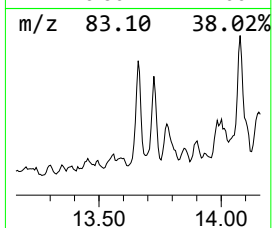
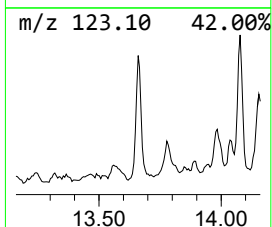
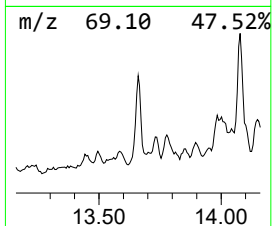
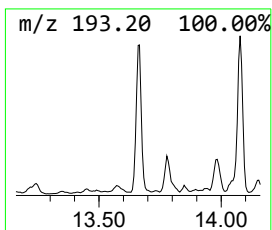
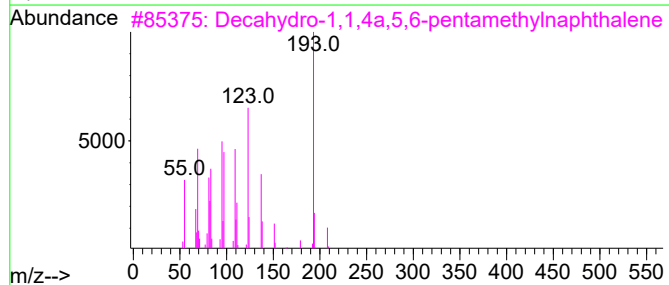
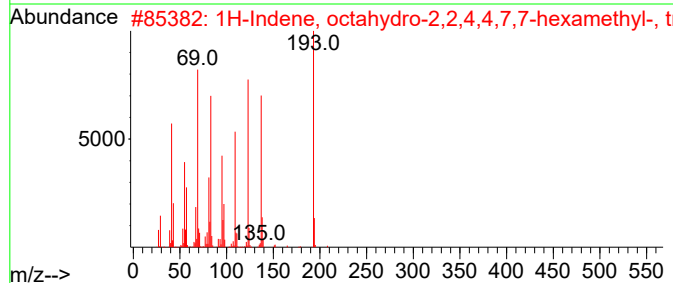
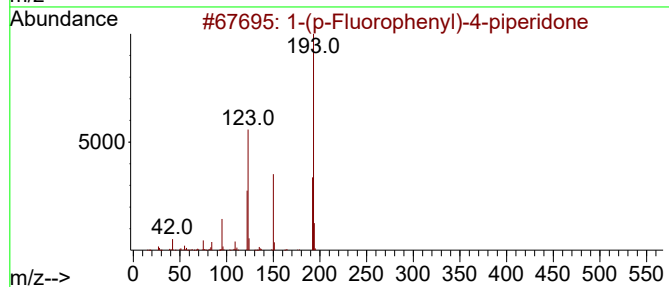
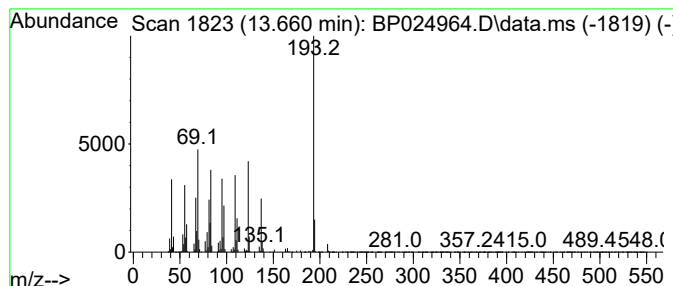
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.660 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.660	8.22 ng	1504960	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	47
2			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
3			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
4			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
5			2-Anthracenamine	193	C14H11N	000613-13-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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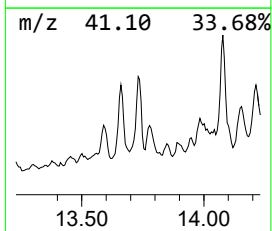
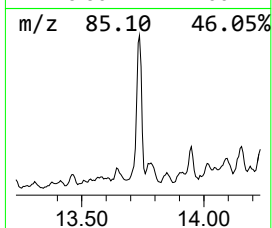
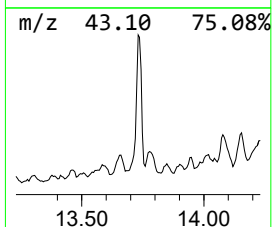
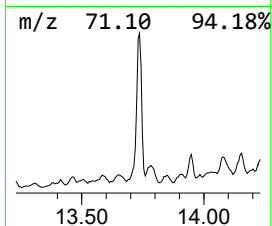
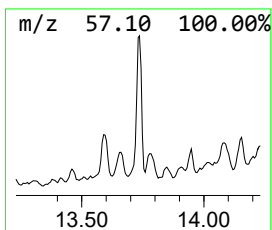
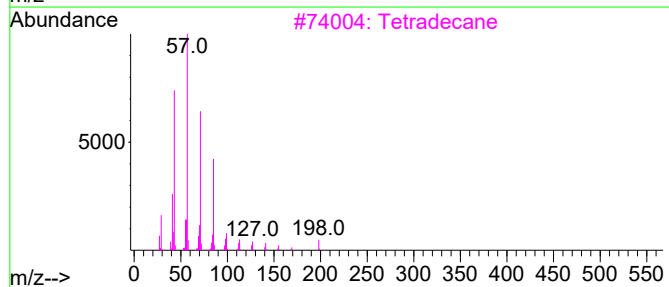
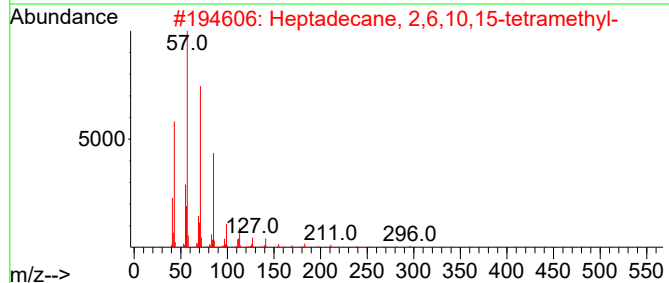
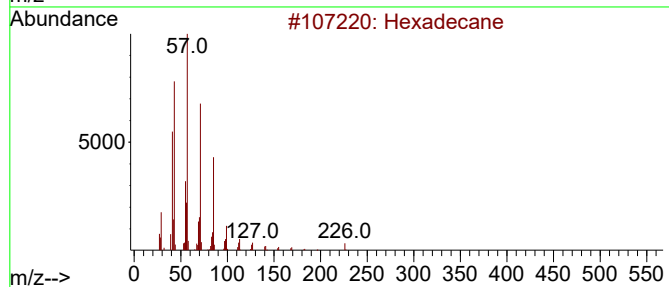
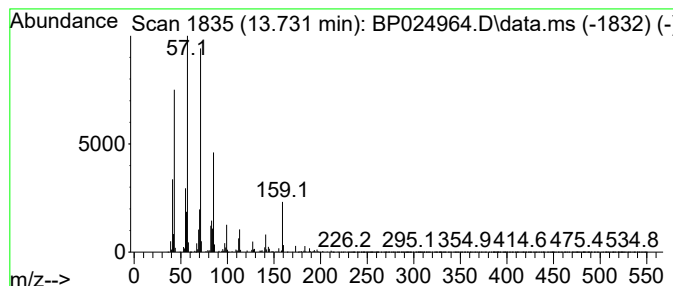
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.731	8.93 ng	1636210	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	80
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3			Tetradecane	198	C14H30	000629-59-4	72
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

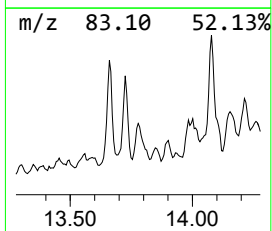
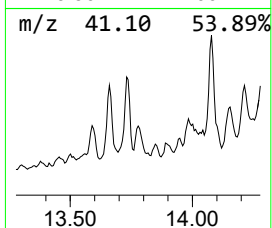
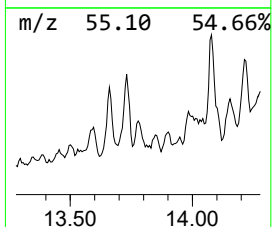
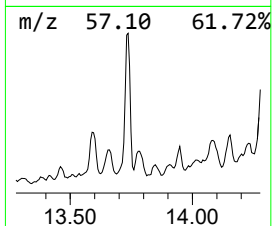
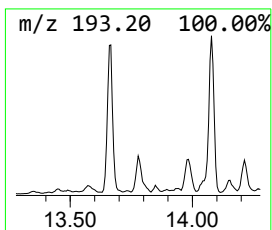
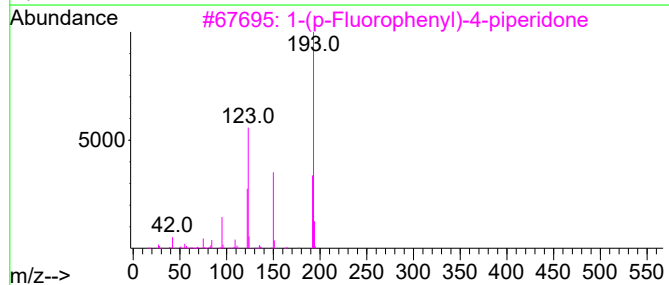
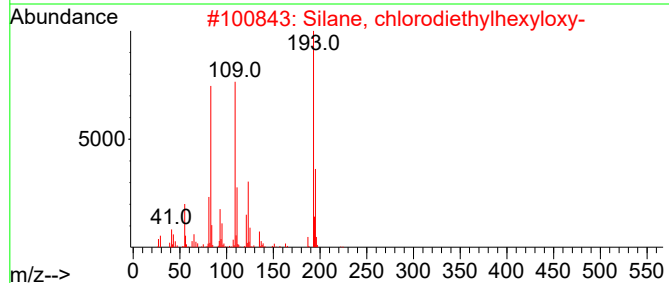
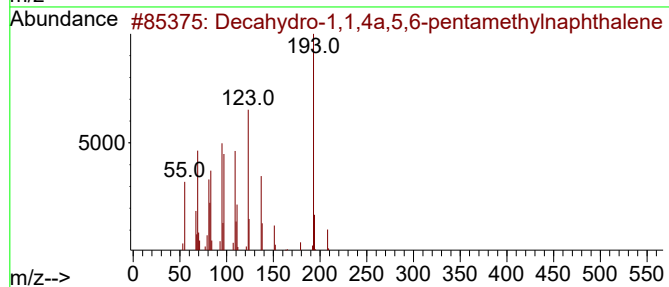
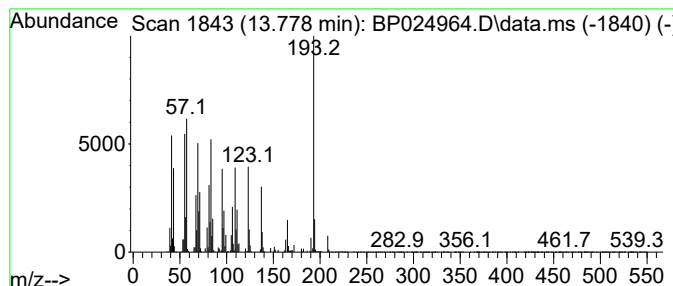
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.778	4.37 ng	801028	Acenaphthene-d10	14.254	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	93
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	43
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
4	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1010298-97-4	35
5	3-Phenylindole	193	C14H11N	001504-16-1	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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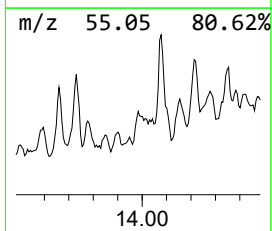
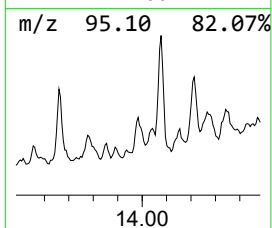
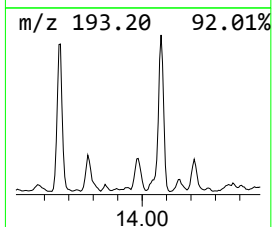
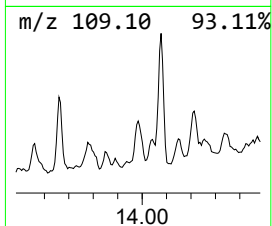
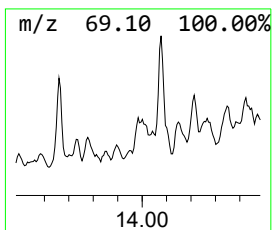
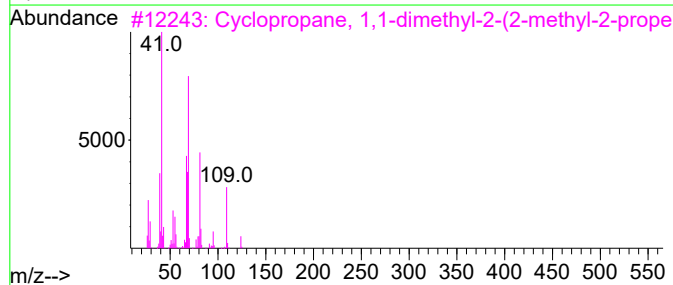
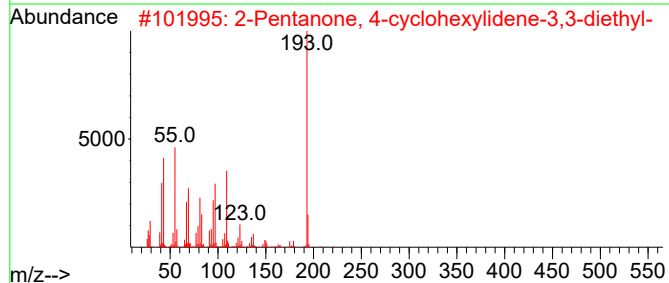
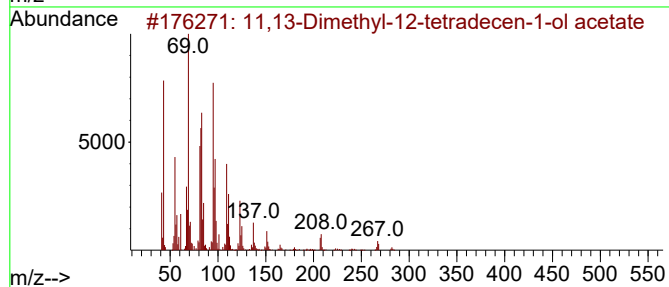
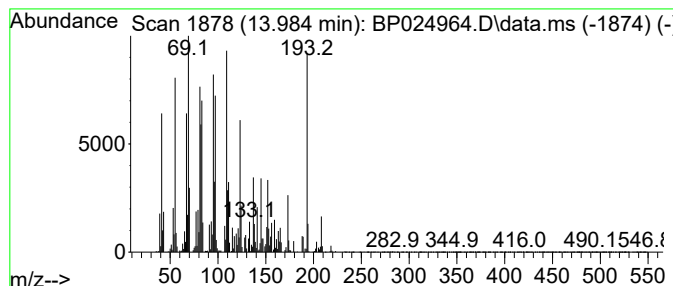
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.984 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.984	7.13 ng	1305330	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	38		
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	35		
3	Cyclopropane, 1,1-dimethyl-2-(2...	124	C9H16	069147-03-1	35		
4	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	27		
5	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	27		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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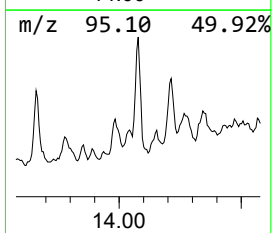
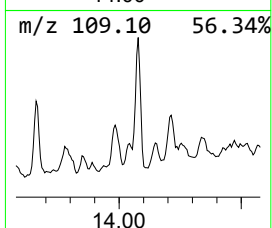
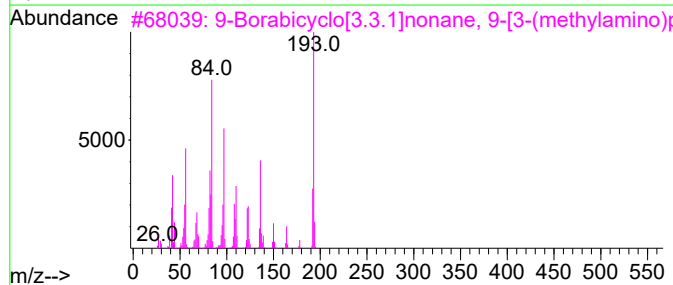
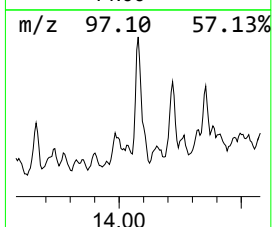
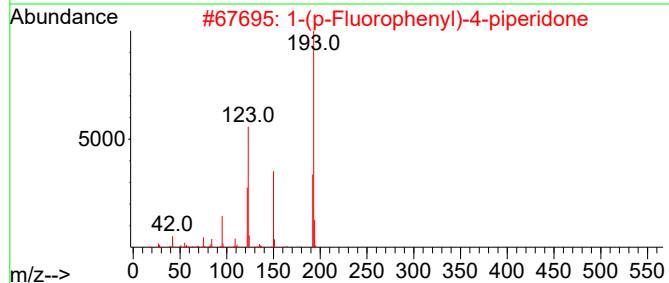
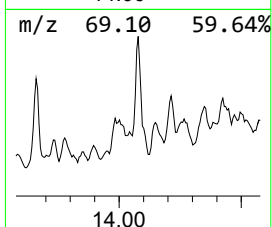
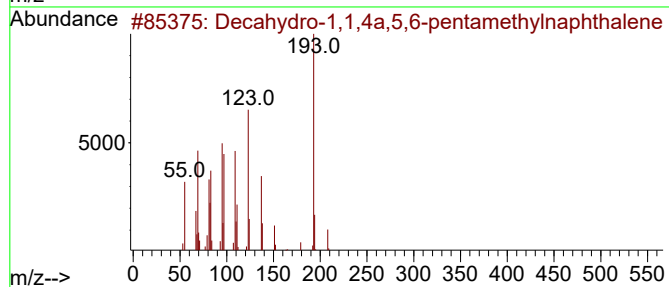
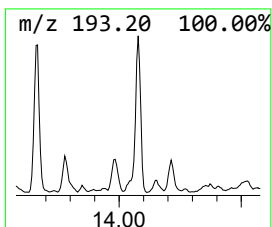
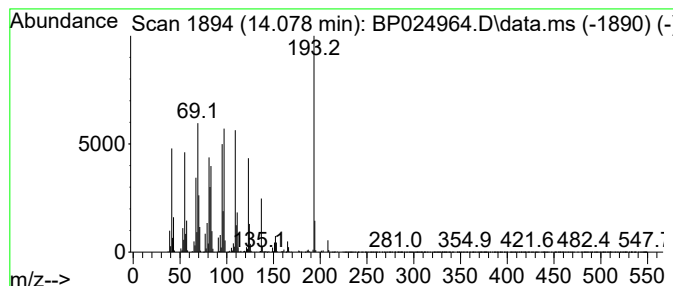
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.078 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.078	17.14 ng	3140100	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	78
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3			9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	35
4			1-Ethynylcyclododecanol	208	C14H24O	1000484-40-4	35
5			2-Phenylindolizine	193	C14H11N	025379-20-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
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Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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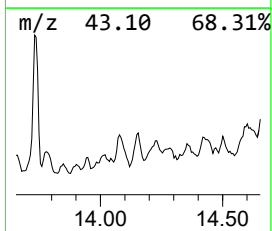
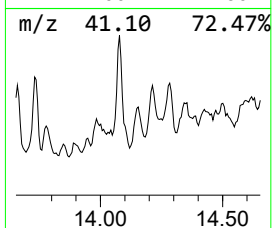
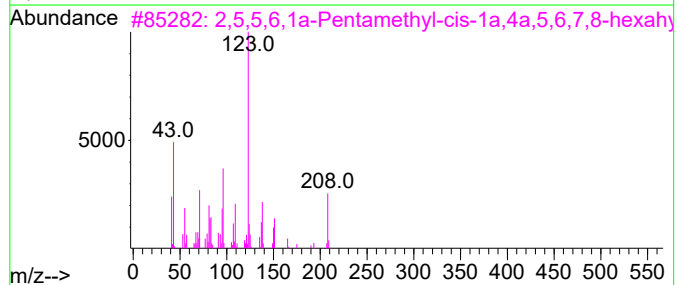
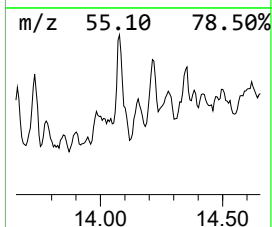
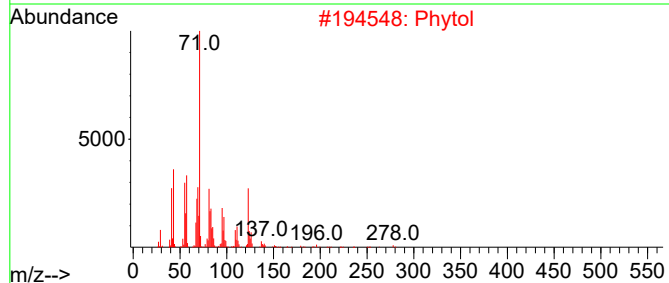
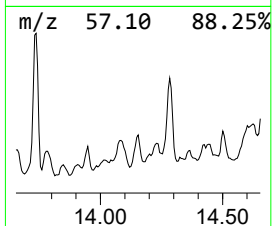
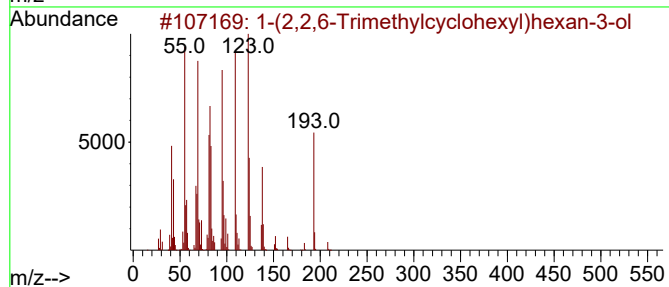
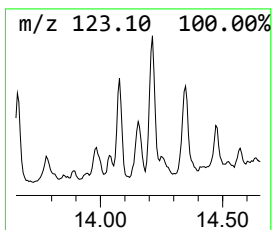
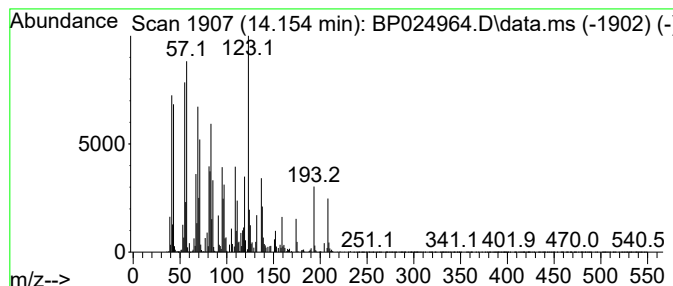
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.154 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.154	6.75 ng	1237200	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(2,2,6-Trimethylcyclohexyl)hex...	226	C15H30O	070788-30-6	47
2			Phytol	296	C20H40O	000150-86-7	43
3			2,5,5,6,1a-Pentamethyl-cis-1a,4a...	208	C14H24O	1010215-77-9	43
4			(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	38
5			2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	35



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Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
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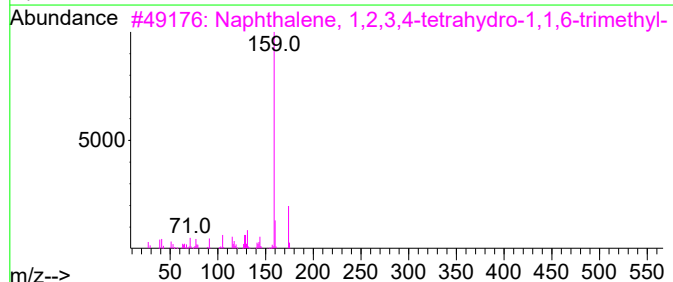
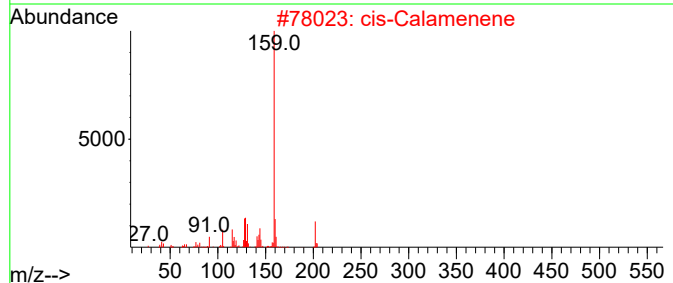
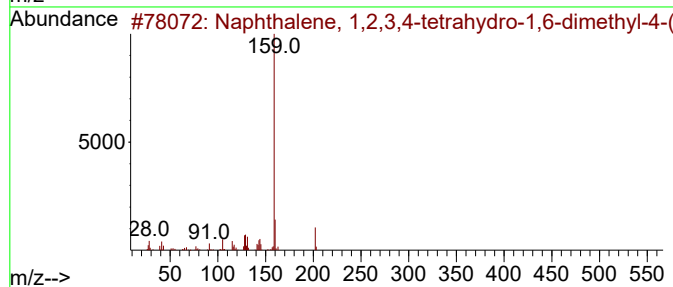
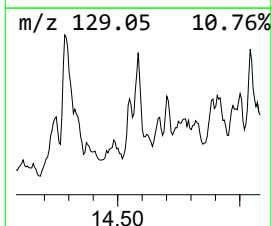
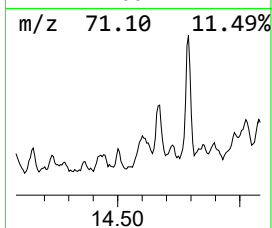
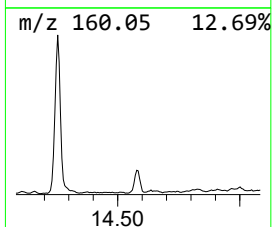
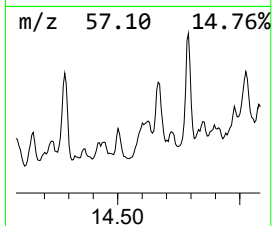
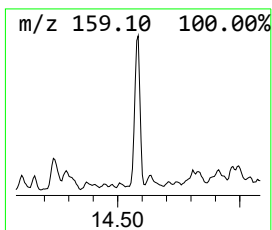
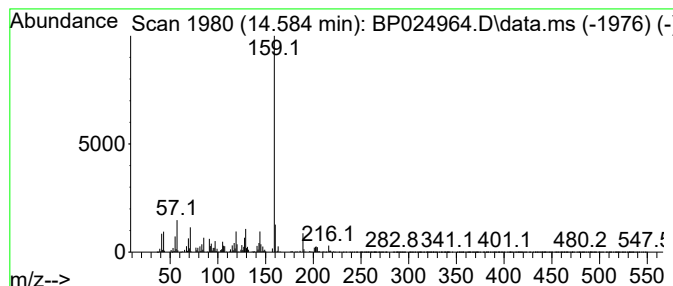
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.584	5.45 ng	998017	Acenaphthene-d10	14.254	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	87
2	cis-Calamenene	202	C15H22	072937-55-4	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72
4	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	59
5	Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
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Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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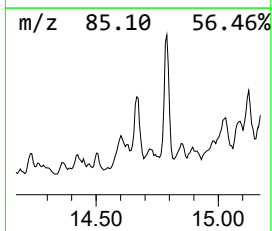
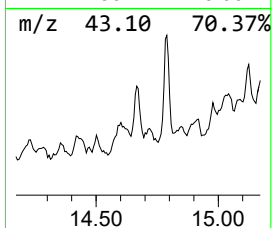
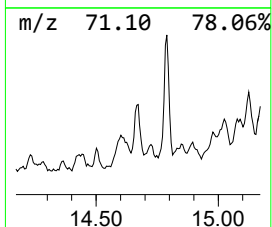
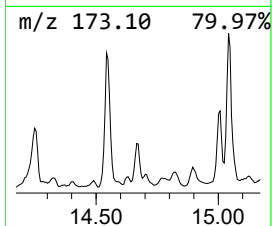
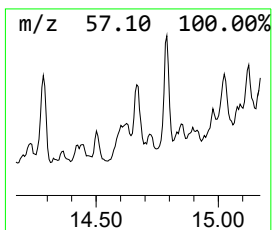
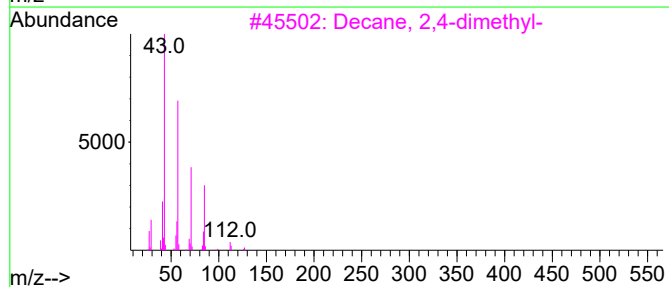
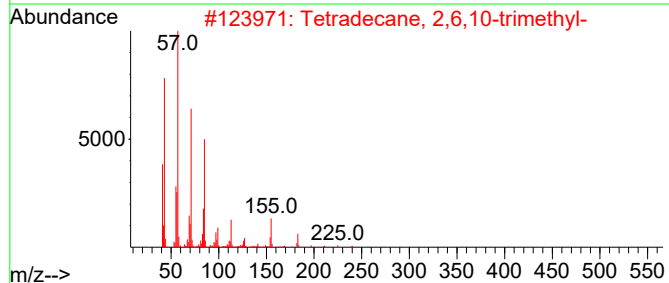
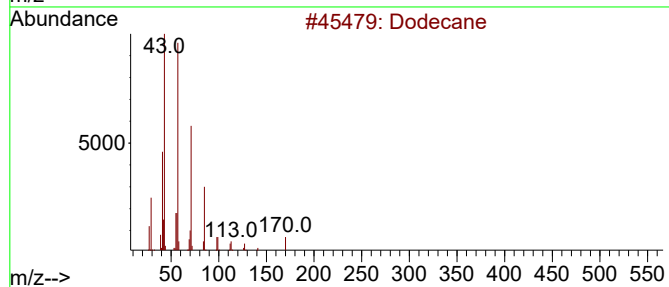
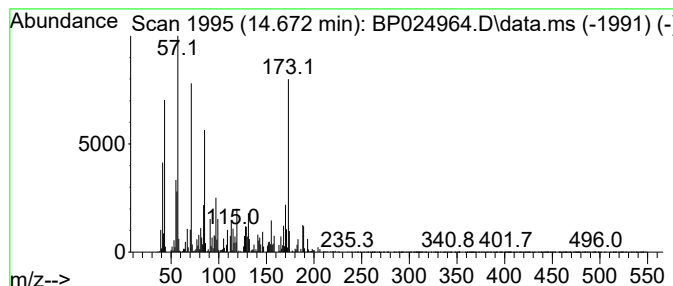
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.672 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	4.76 ng	872277	Acenaphthene-d10	14.254

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	41
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	38
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	35
4		1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	35
5		Nonane	128	C9H20	000111-84-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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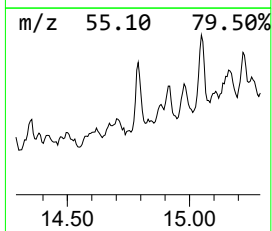
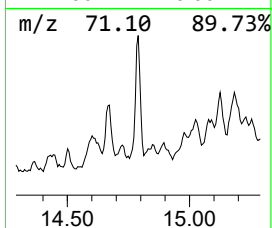
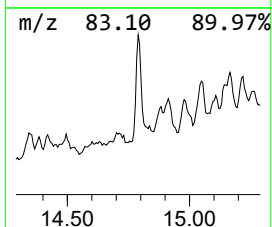
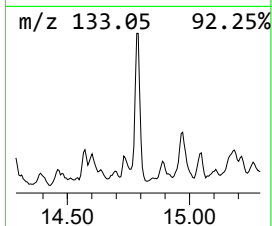
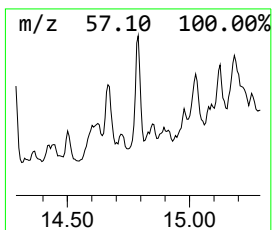
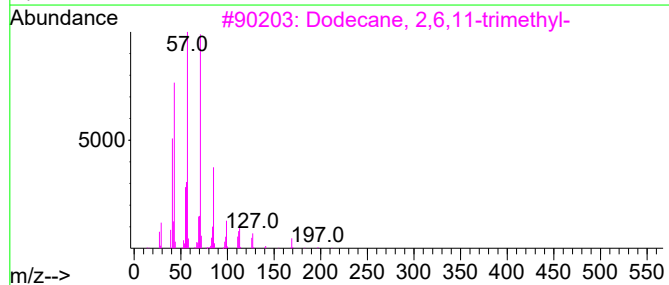
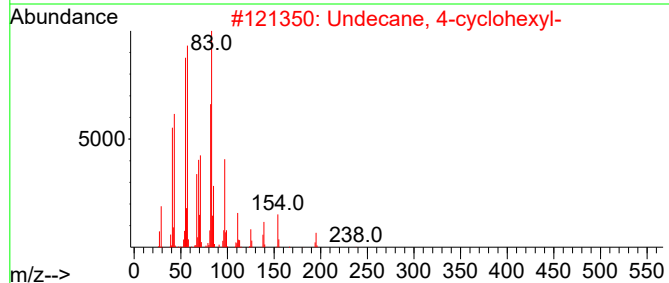
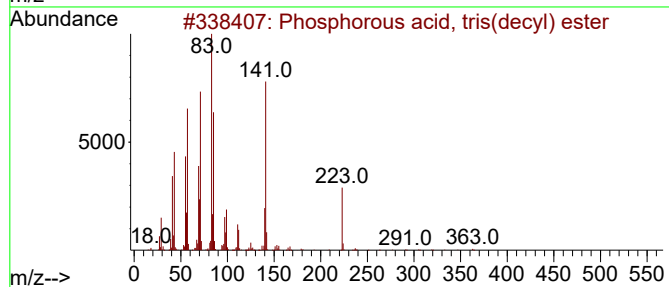
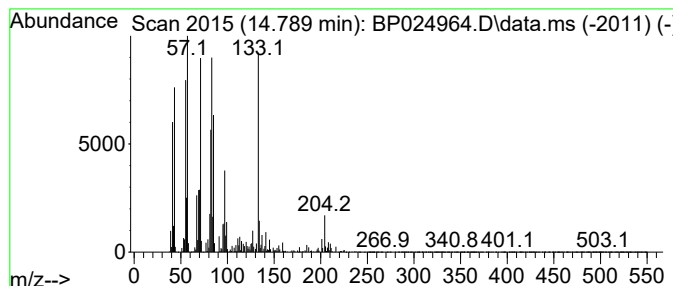
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.790 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.790	13.56 ng	2483820	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	49
2			Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	46
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	44
4			Pentadecane	212	C15H32	000629-62-9	38
5			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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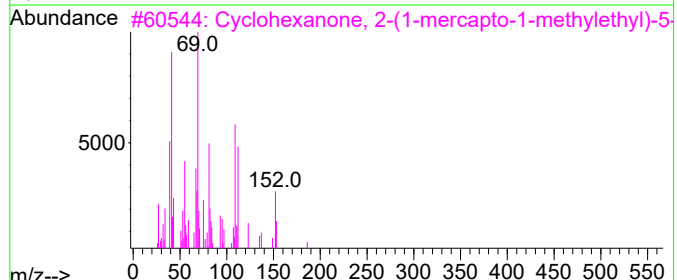
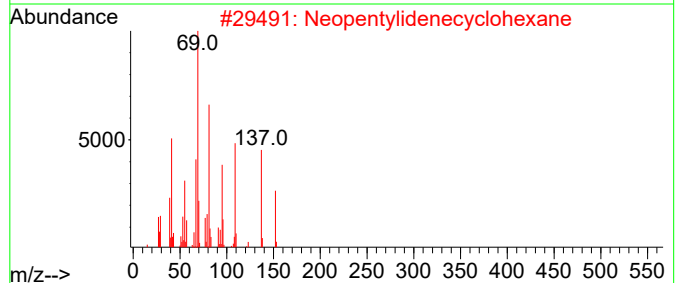
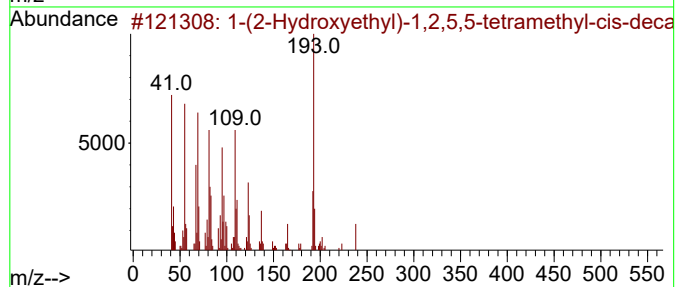
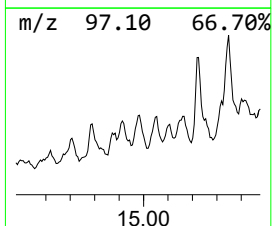
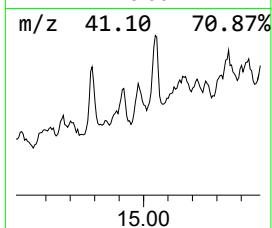
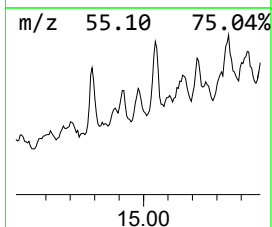
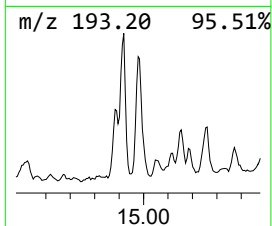
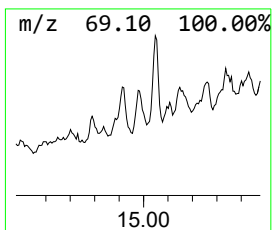
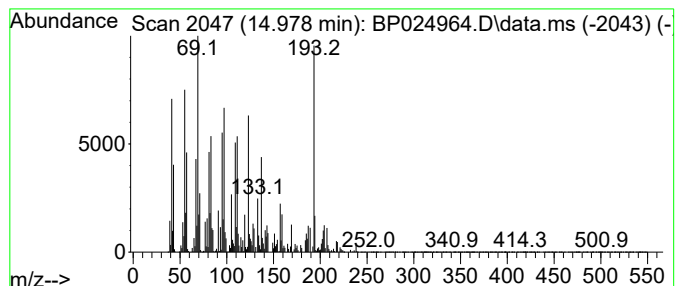
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.978 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.978	15.32 ng	2806310	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1010298-97-4	43		
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	35		
3	Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	033281-91-3	25		
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25		
5	Cyclobutanecarboxamide, N-(4-flu...	193	C11H12FNO	1000307-04-6	18		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
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Misc :
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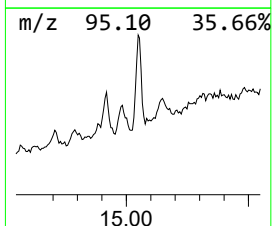
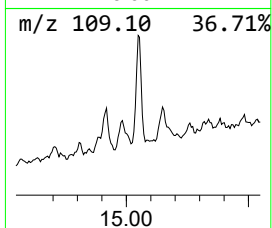
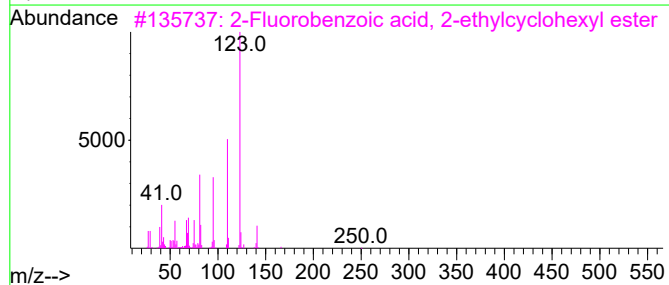
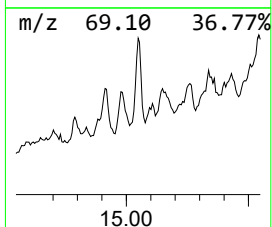
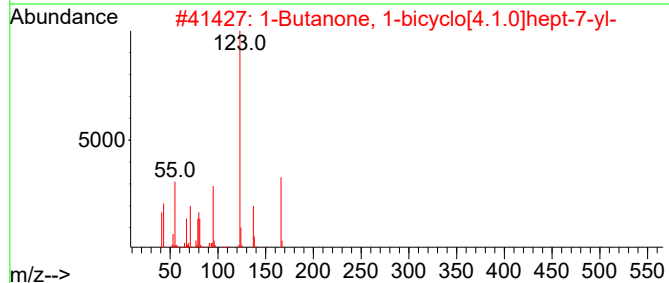
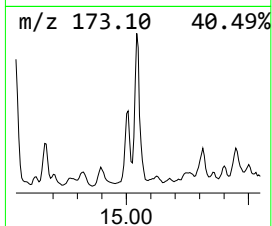
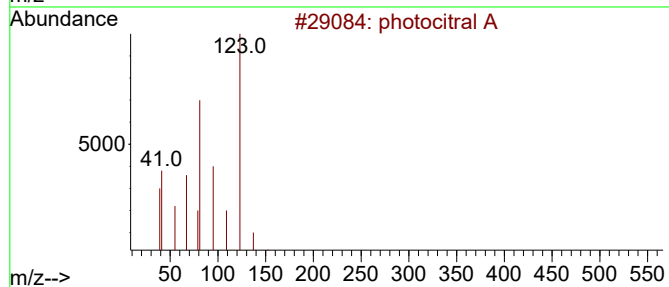
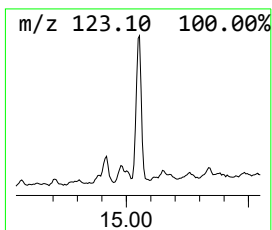
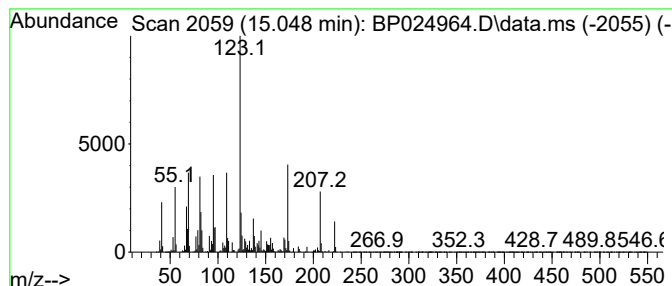
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.048 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.048	23.51 ng	4307130	Acenaphthene-d10	14.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			photocitral A	152	C10H16O	055253-28-6	43
2			1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	38
3			2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	35
4			trans-2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	115754-87-5	35
5			1-Butanone, 4-chloro-1-(4-fluoro...	200	C10H10ClFO	003874-54-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
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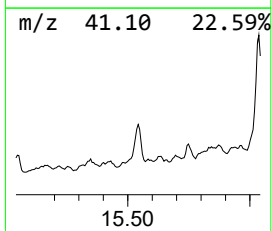
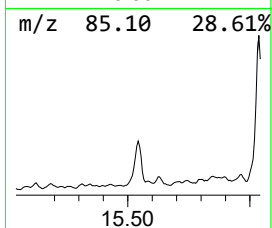
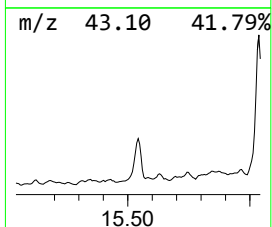
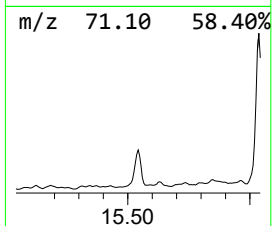
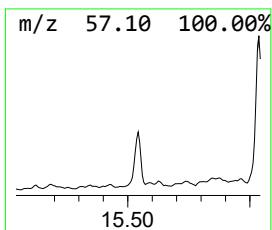
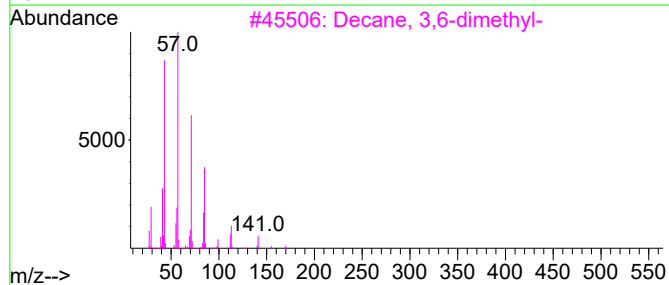
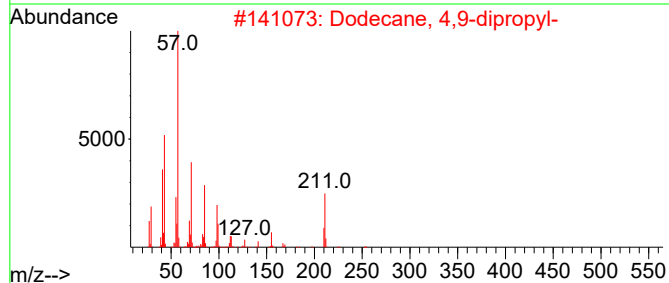
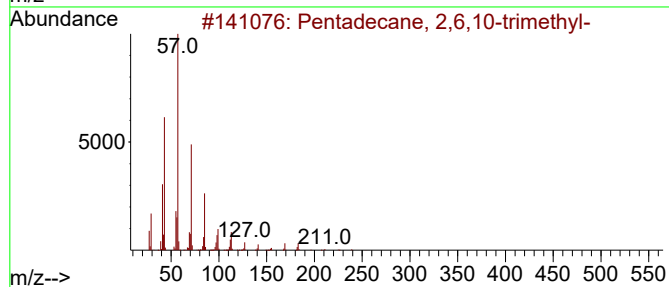
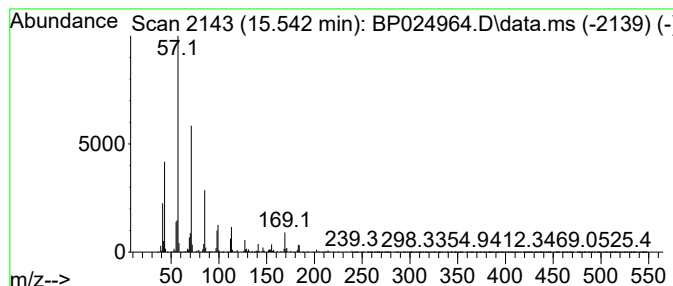
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.542	32.40 ng	5935230	Acenaphthene-d10	14.254

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	68
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
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Sample : Q2328-01
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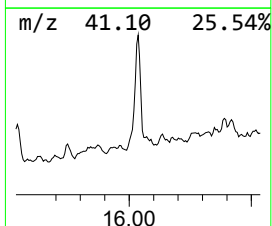
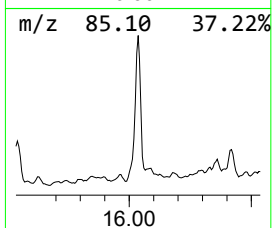
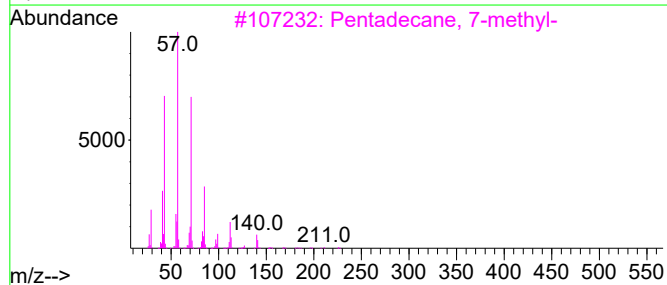
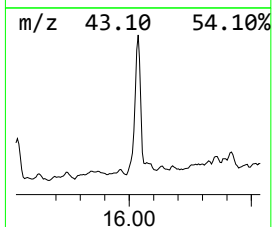
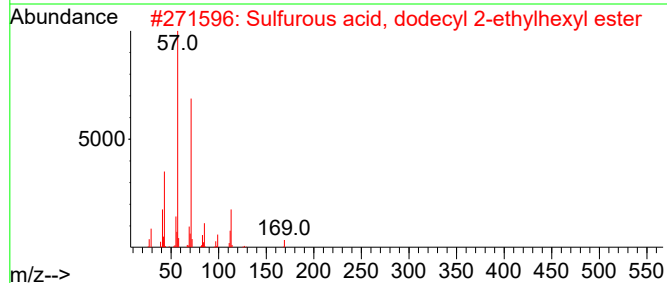
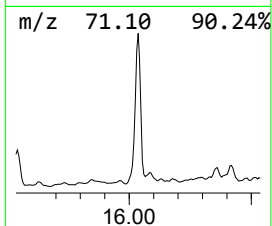
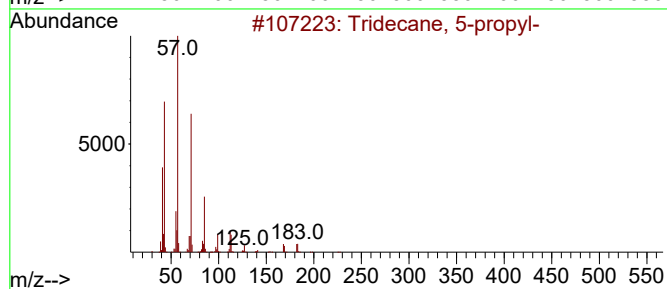
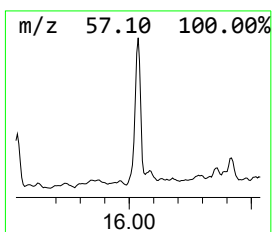
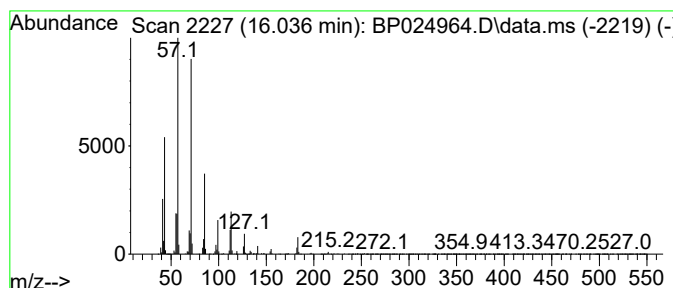
Instrument :
BNA_P
ClientSampleId :
CHRT25653

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.037	24.65 ng	21858900	Phenanthrene-d10	17.066	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT25653

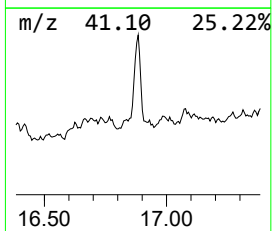
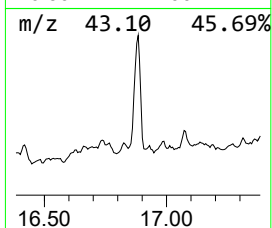
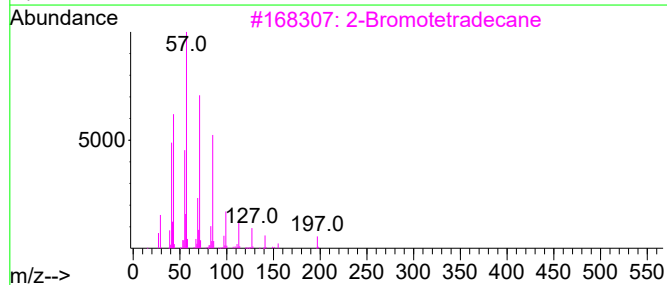
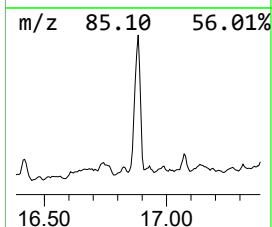
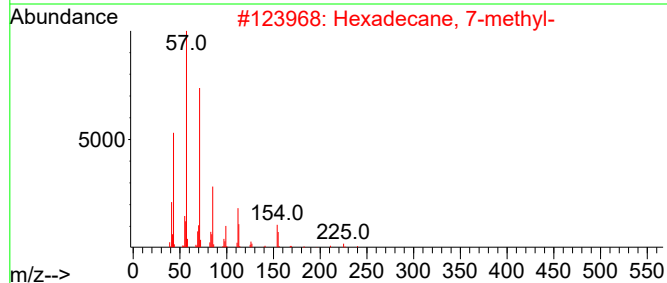
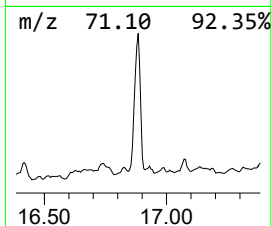
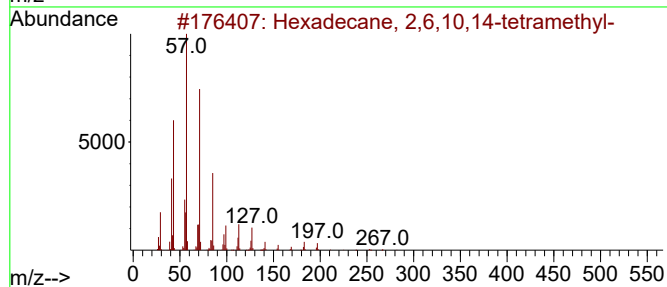
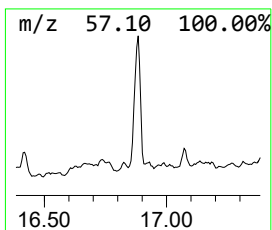
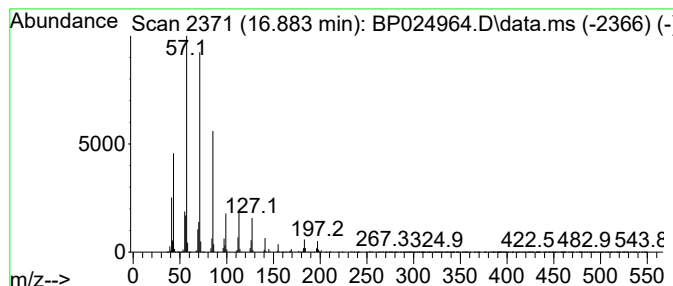
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.884	20.00 ng	17733200	Phenanthrene-d10	17.066

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92
2		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	90
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024964.D
Acq On : 16 Jun 2025 17:04
Operator : RC/JU
Sample : Q2328-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT25653

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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-...	4.772	5.4	ng	401246	1	7.607	1488260	20.0
Heptadecane, 2,...	11.396	2.4	ng	265012	2	10.378	2203180	20.0
unknown12.666	12.666	2.2	ng	395669	3	14.254	3663560	20.0
Nonane, 3,7-dim...	12.772	3.5	ng	647093	3	14.254	3663560	20.0
2-Pentanone, 4-...	13.013	2.4	ng	431107	3	14.254	3663560	20.0
Phenol, 2,6-bis...	13.595	7.0	ng	1274370	3	14.254	3663560	20.0
unknown13.660	13.660	8.2	ng	1504960	3	14.254	3663560	20.0
Hexadecane	13.731	8.9	ng	1636210	3	14.254	3663560	20.0
Decahydro-1,1,4...	13.778	4.4	ng	801028	3	14.254	3663560	20.0
unknown13.984	13.984	7.1	ng	1305330	3	14.254	3663560	20.0
unknown14.078	14.078	17.1	ng	3140100	3	14.254	3663560	20.0
unknown14.154	14.154	6.8	ng	1237200	3	14.254	3663560	20.0
Naphthalene, 1,...	14.584	5.5	ng	998017	3	14.254	3663560	20.0
unknown14.672	14.672	4.8	ng	872277	3	14.254	3663560	20.0
unknown14.790	14.790	13.6	ng	2483820	3	14.254	3663560	20.0
unknown14.978	14.978	15.3	ng	2806310	3	14.254	3663560	20.0
unknown15.048	15.048	23.5	ng	4307130	3	14.254	3663560	20.0
Pentadecane, 2,...	15.542	32.4	ng	5935230	3	14.254	3663560	20.0
Tridecane, 5-pr...	16.037	24.6	ng	21858900	4	17.066	17733200	20.0
Hexadecane, 2,6...	16.884	20.0	ng	17733200	4	17.066	17733200	20.0