

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138064.D
 Acq On : 29 May 2024 17:37
 Operator : CG\JU
 Sample : P2610-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-05242024

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-BF051424.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	40	46	52	rVB	89288	118902	1.27%	0.462%
2	5.651	602	606	618	rBV	122845	121405	1.29%	0.472%
3	6.645	771	775	780	rBV	140756	121555	1.30%	0.473%
4	7.034	838	841	844	rBV	480342	381795	4.07%	1.485%
5	7.592	933	936	938	rBV2	99491	103023	1.10%	0.401%
6	8.281	1050	1053	1055	rBV	172810	142034	1.51%	0.552%
7	8.322	1056	1060	1064	rVV	559703	569295	6.07%	2.214%
8	8.363	1064	1067	1070	rVB	125519	119831	1.28%	0.466%
9	8.598	1103	1107	1111	rVB4	117630	141655	1.51%	0.551%
10	8.822	1141	1145	1149	rBV2	146643	143541	1.53%	0.558%
11	8.892	1152	1157	1162	rVV2	281245	270803	2.89%	1.053%
12	9.139	1196	1199	1201	rBV2	162386	128239	1.37%	0.499%
13	9.257	1216	1219	1222	rBV4	130652	126441	1.35%	0.492%
14	9.328	1228	1231	1234	rBV2	118178	95001	1.01%	0.369%
15	9.392	1239	1242	1246	rVB	247457	211301	2.25%	0.822%
16	9.463	1251	1254	1257	rBV	442493	341787	3.64%	1.329%
17	9.716	1292	1297	1299	rBV4	79000	121067	1.29%	0.471%
18	9.780	1305	1308	1310	rBV	160454	140684	1.50%	0.547%
19	9.992	1341	1344	1348	rVB	561093	430083	4.58%	1.673%
20	10.080	1357	1359	1362	rVB	585229	496932	5.30%	1.933%
21	10.316	1396	1399	1401	rBV2	113294	103170	1.10%	0.401%
22	10.492	1426	1429	1432	rBV	536301	467917	4.99%	1.820%
23	10.716	1462	1467	1469	rBV	215618	245770	2.62%	0.956%
24	10.875	1491	1494	1497	rBV	87592	101031	1.08%	0.393%
25	10.969	1507	1510	1516	rBV	575367	620217	6.61%	2.412%
26	11.422	1584	1587	1589	rBV	468269	351568	3.75%	1.367%
27	11.451	1589	1592	1594	rVB	151136	130718	1.39%	0.508%
28	11.580	1610	1614	1617	rBV	534653	459978	4.90%	1.789%
29	11.845	1656	1659	1663	rBV	339157	290034	3.09%	1.128%
30	11.957	1673	1678	1681	rVB	2510897	2186759	23.31%	8.505%
31	12.257	1726	1729	1737	rBV	312181	269648	2.87%	1.049%
32	12.657	1791	1797	1799	rBV	6523824	9382591	100.00%	36.492%
33	12.680	1799	1801	1806	rVV2	5364971	4633329	49.38%	18.021%
34	12.745	1809	1812	1816	rVV	1075630	935986	9.98%	3.640%
35	13.016	1855	1858	1867	rVB2	150595	187842	2.00%	0.731%
36	13.163	1880	1883	1887	rVB	181097	159356	1.70%	0.620%

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Misc :
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Instrument :
BNA_F
ClientSampleId :
HR-01-05242024

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.374	1916	1919	1921	rBV	116490	101242	1.08%	0.394%
38	14.233	2061	2065	2068	rBV	426009	407346	4.34%	1.584%
39	15.798	2327	2331	2345	rVB	246021	351213	3.74%	1.366%

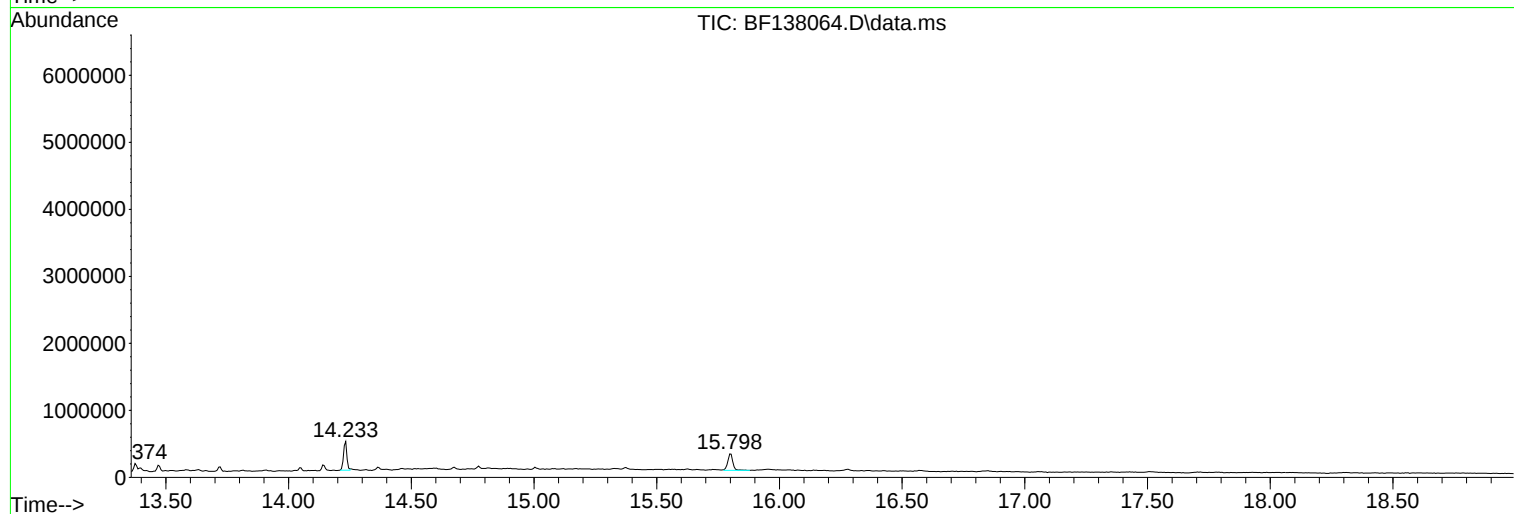
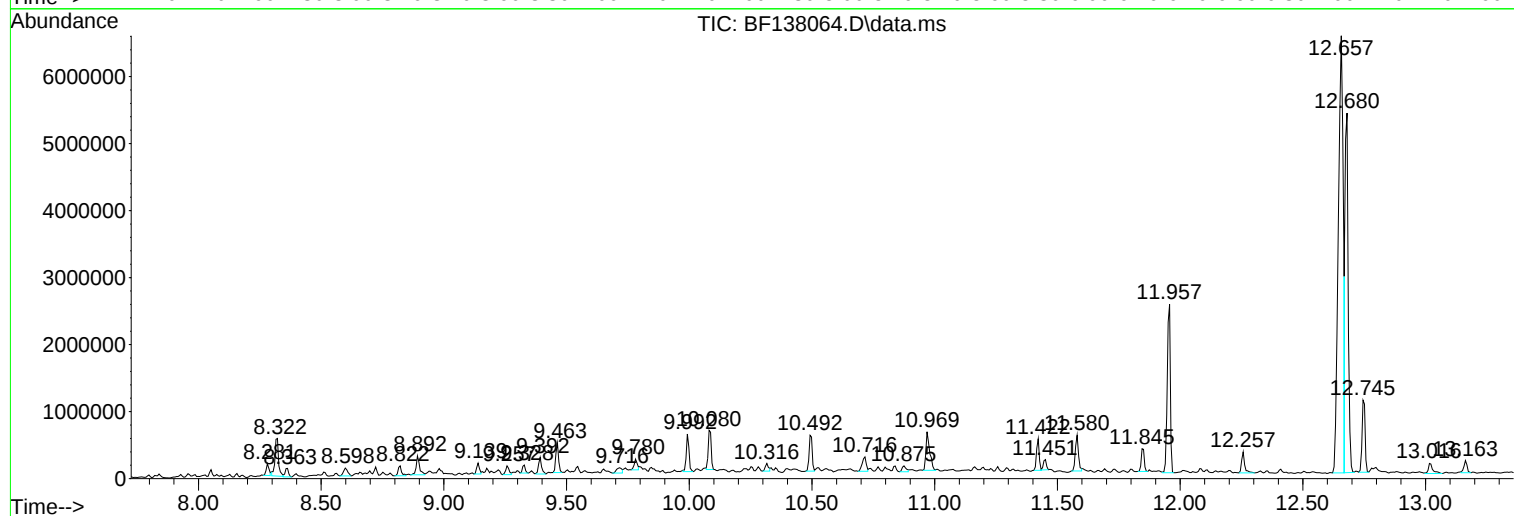
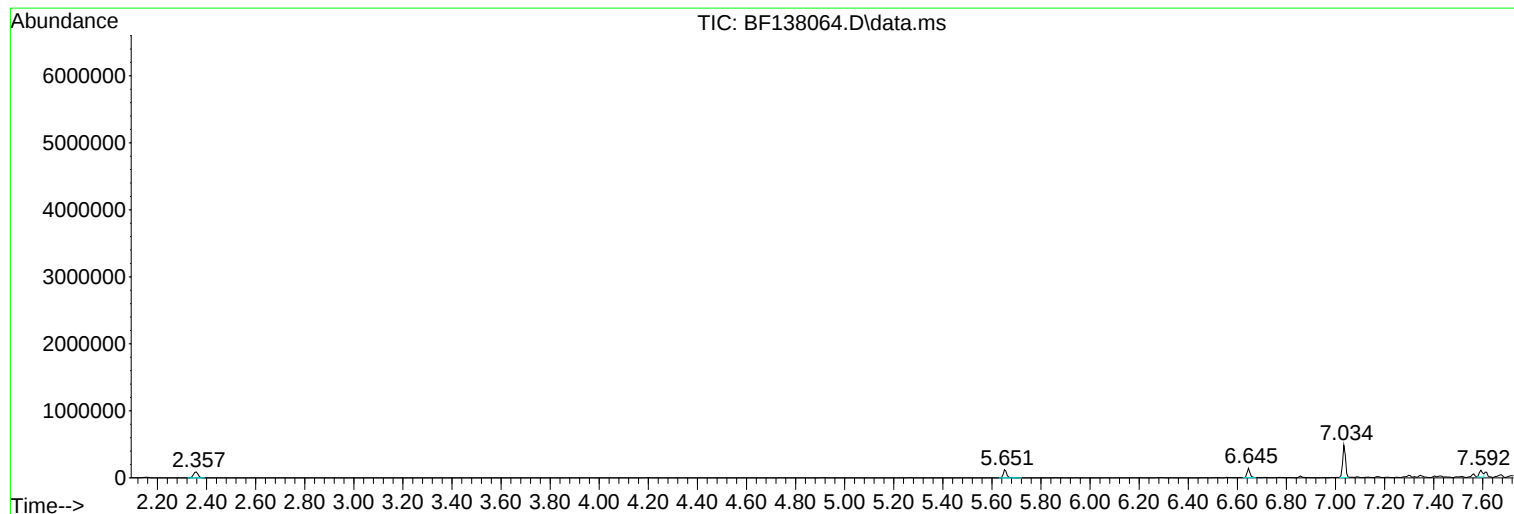
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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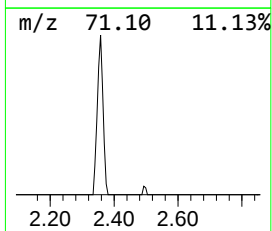
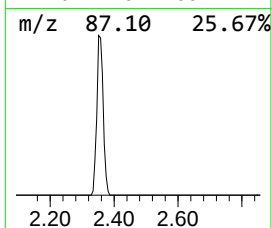
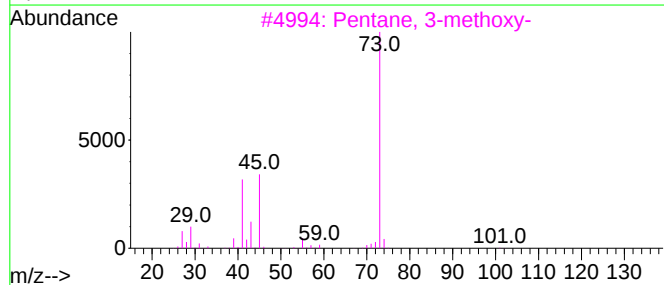
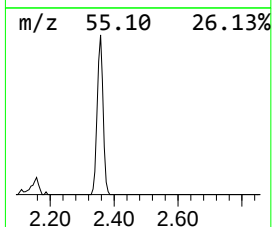
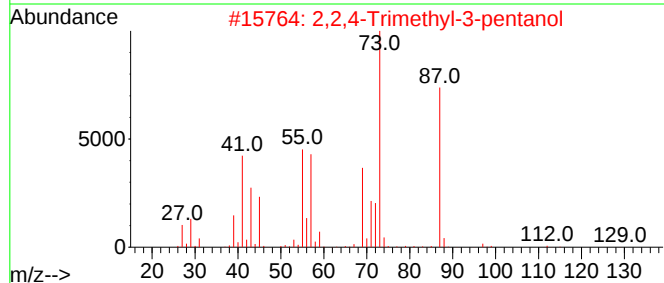
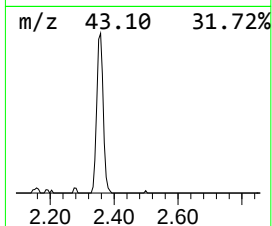
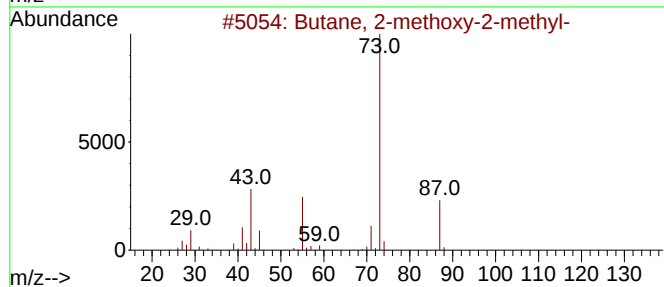
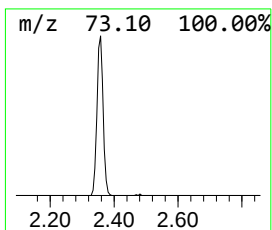
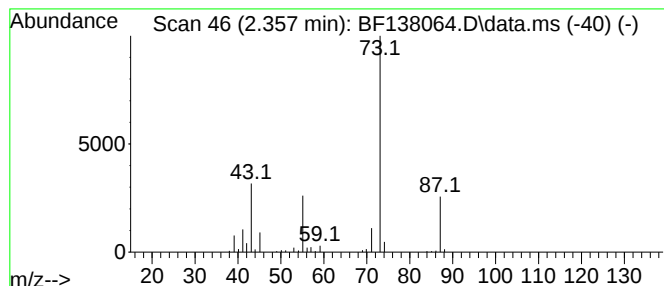
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.357	6.23 ng	118902	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-05242024

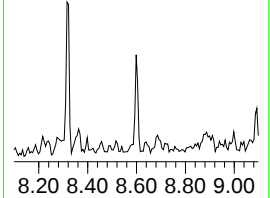
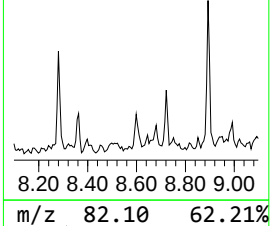
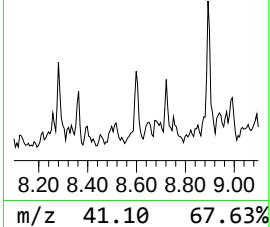
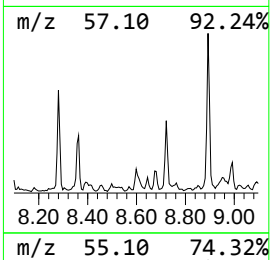
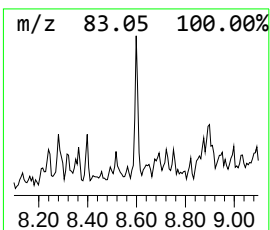
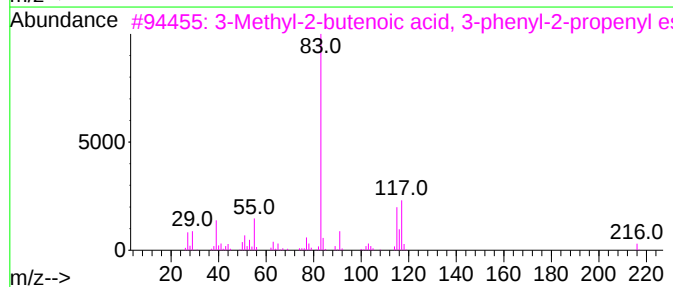
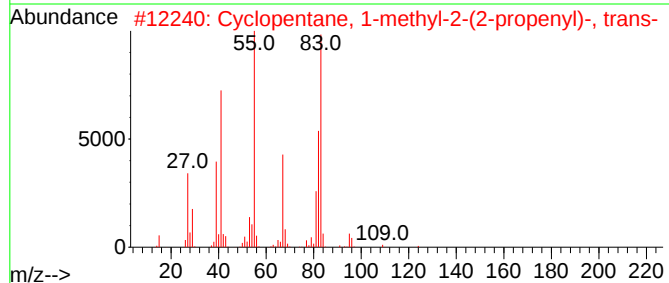
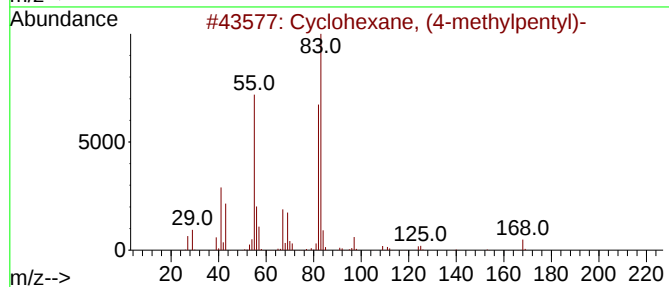
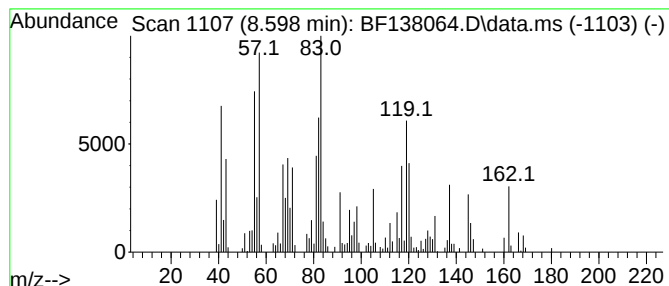
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown8.598 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	4.98 ng	141655	Naphthalene-d8	8.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	25
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	25
3			3-Methyl-2-butenic acid, 3-phen...	216	C14H16O2	056500-41-5	22
4			Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	18
5			Cyclohexane, methyl-	98	C7H14	000108-87-2	18



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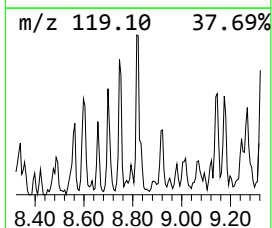
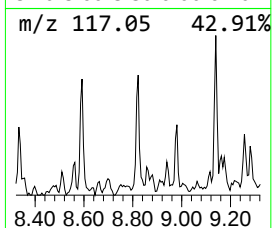
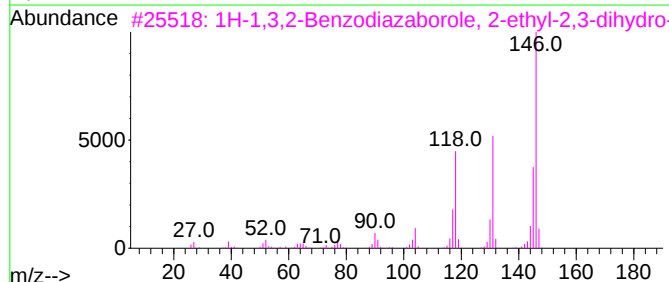
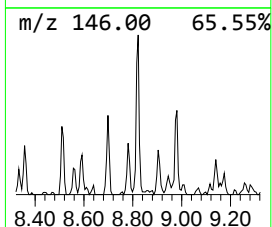
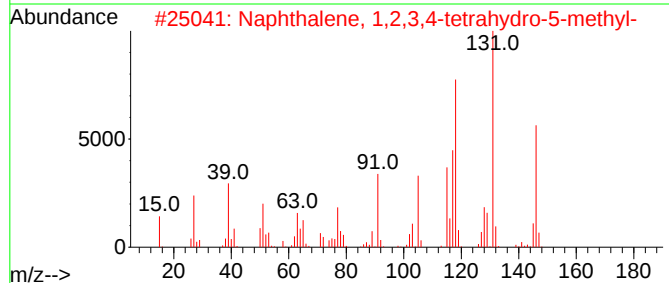
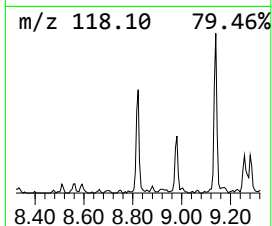
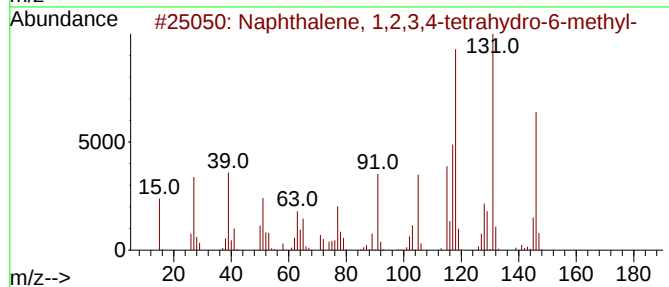
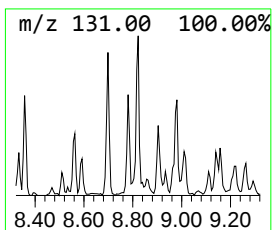
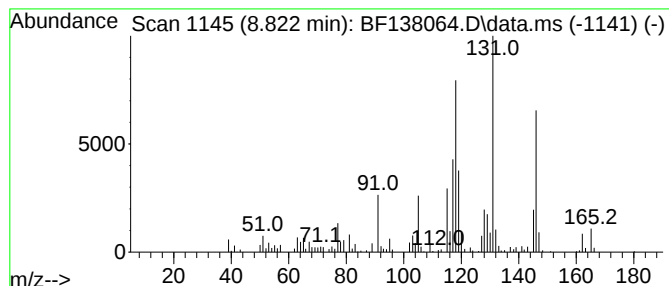
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	5.04 ng	143541	Naphthalene-d8	8.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	74
4			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	60
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50



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ALS Vial : 12 Sample Multiplier: 1

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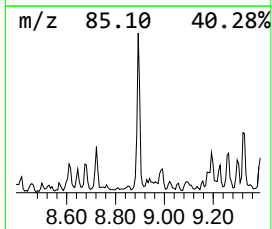
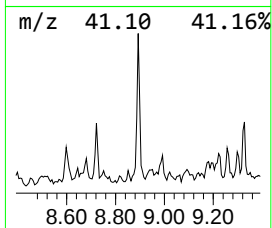
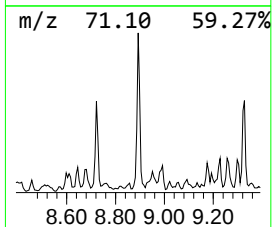
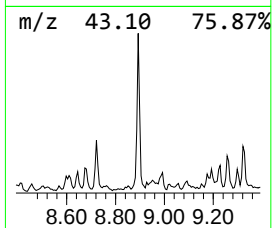
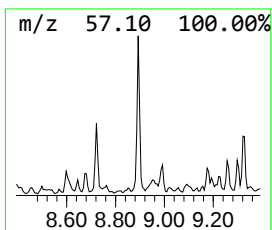
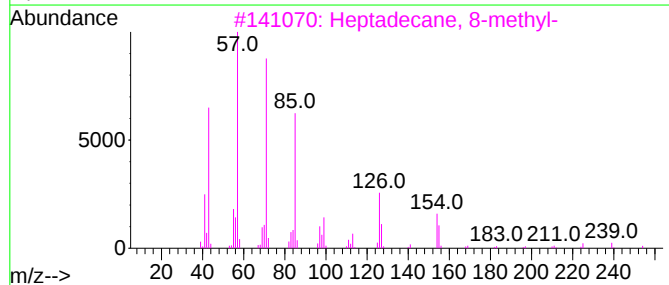
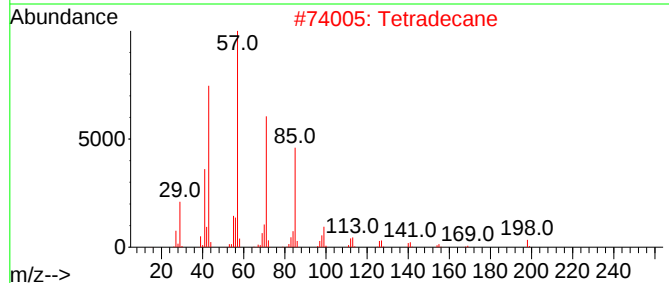
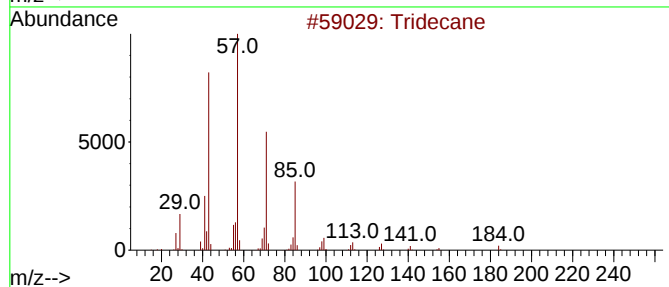
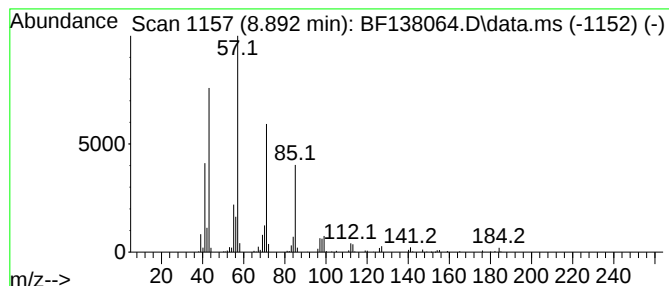
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.892	9.51 ng	270803	Naphthalene-d8	8.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tetradecane	198	C14H30	000629-59-4	90
3			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
4			Dodecane	170	C12H26	000112-40-3	90
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



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Instrument :
BNA_F
ClientSampleId :
HR-01-05242024

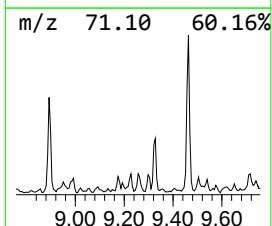
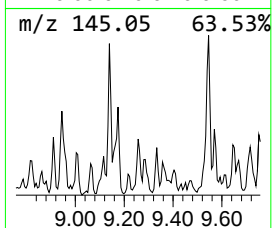
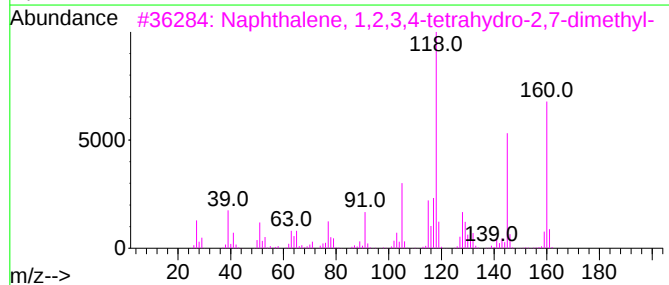
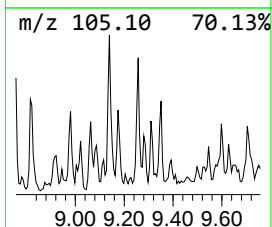
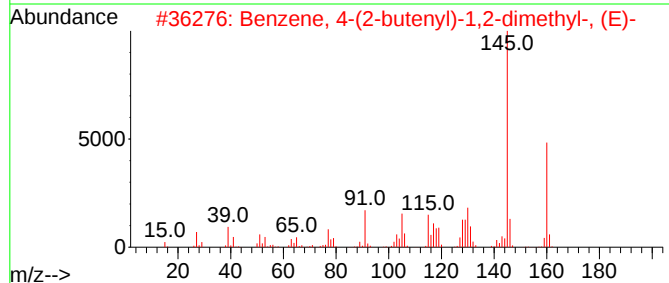
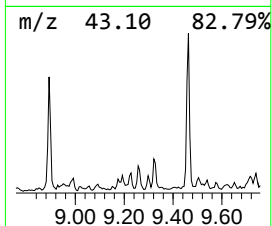
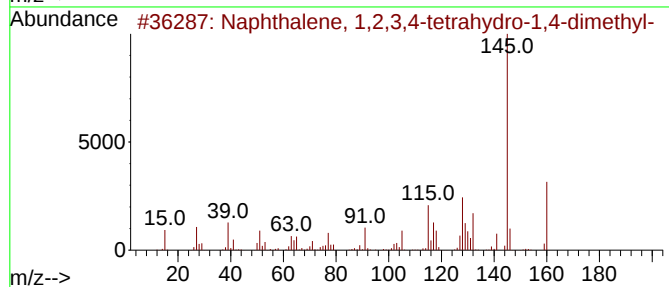
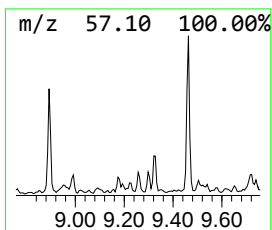
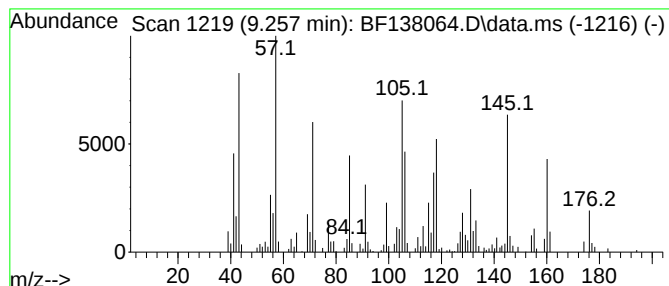
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	5.09 ng	126441	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	62
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	42
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	25
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	20
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
Sample : P2610-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-05242024

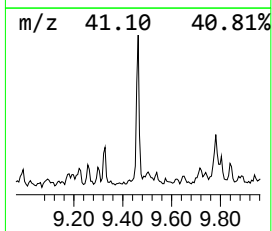
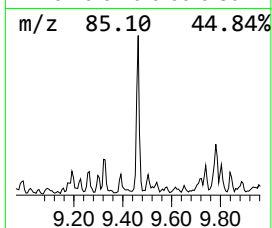
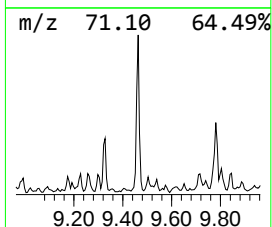
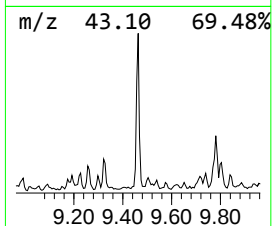
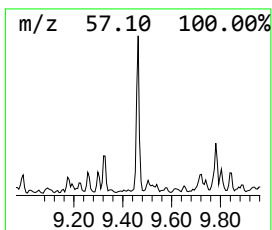
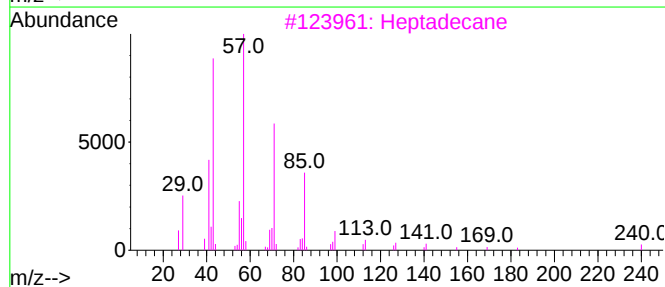
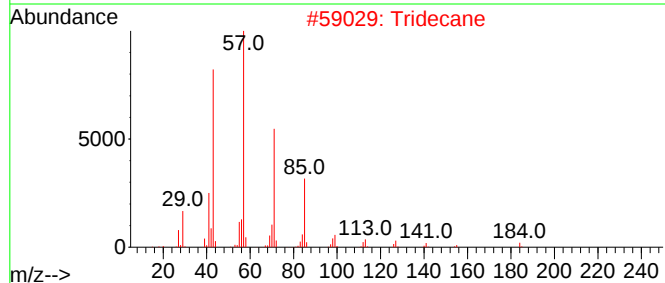
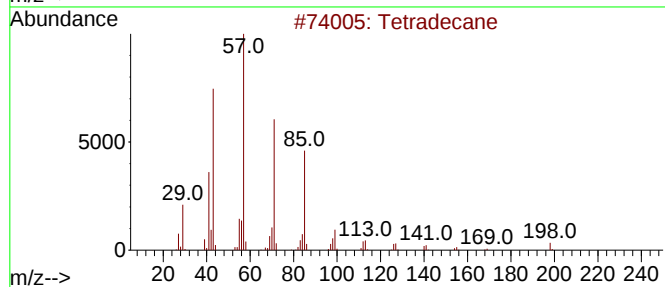
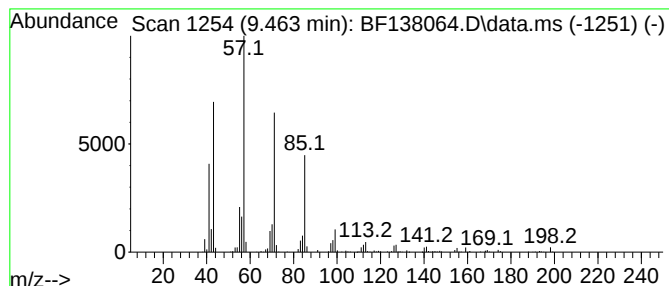
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	13.76 ng	341787	Acenaphthene-d10	10.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Tridecane	184	C13H28	000629-50-5	90
3		Heptadecane	240	C17H36	000629-78-7	86
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
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ClientSampleId :
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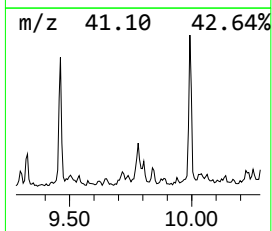
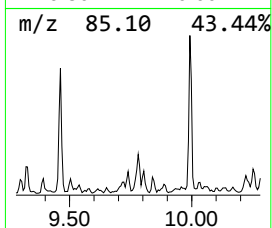
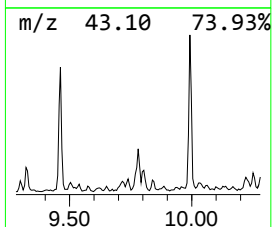
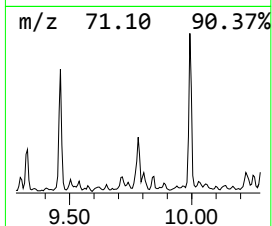
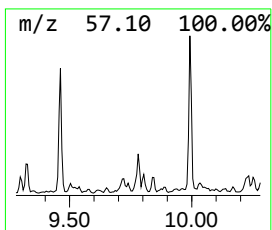
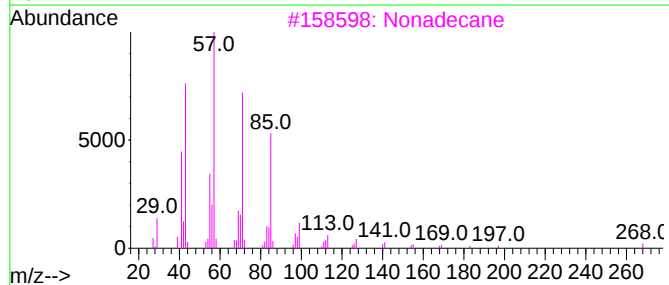
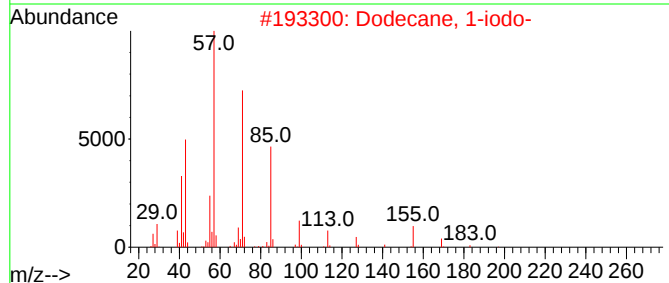
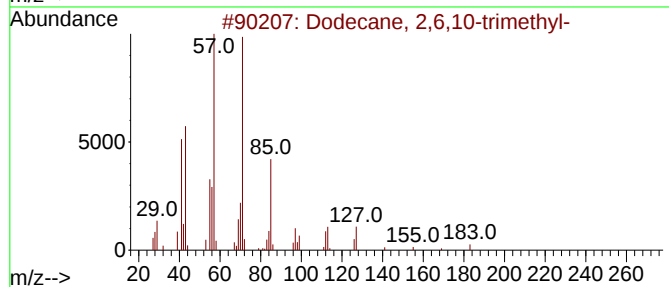
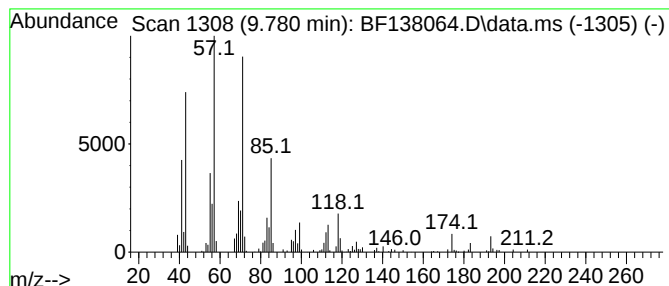
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	5.66 ng	140684	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3			Nonadecane	268	C19H40	000629-92-5	52
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
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Misc :
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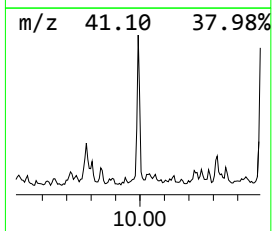
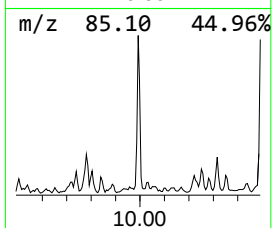
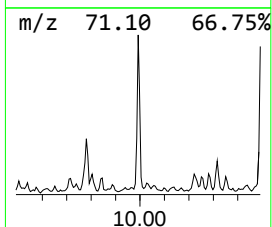
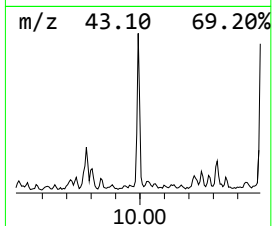
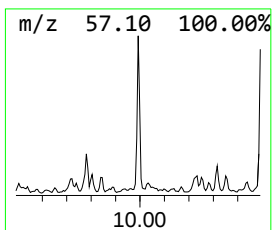
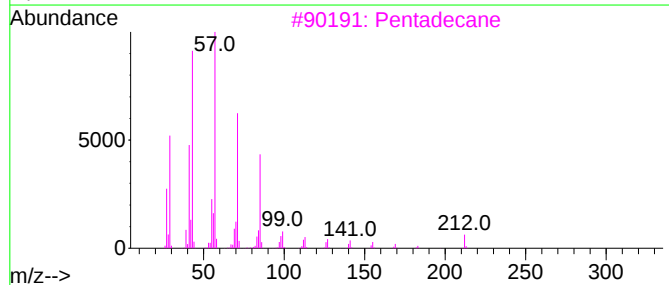
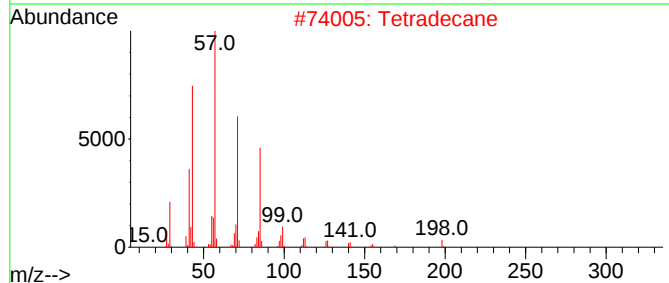
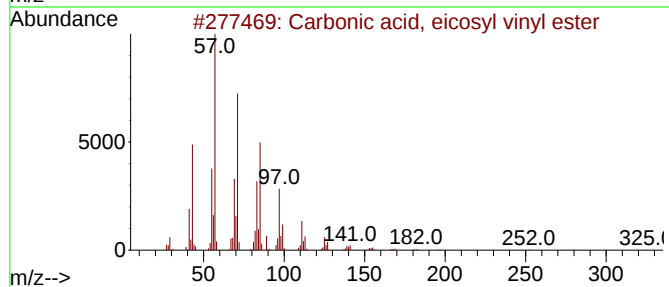
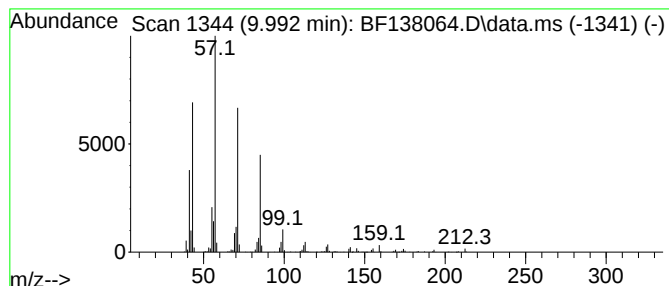
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Carbonic acid, eicosyl vinyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	17.31 ng	430083	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
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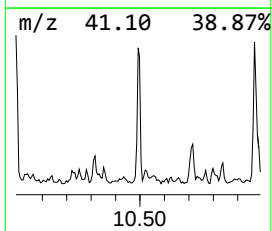
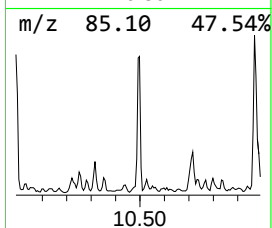
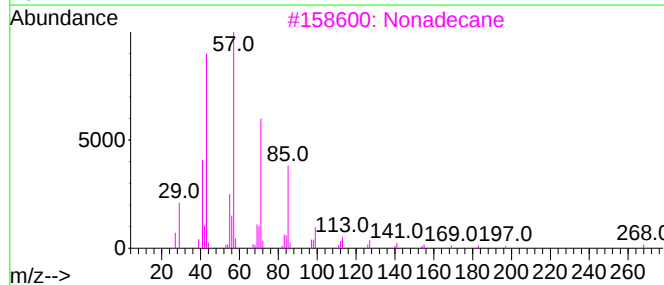
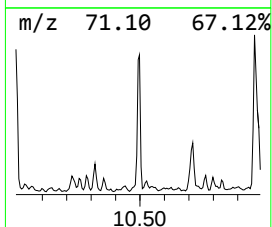
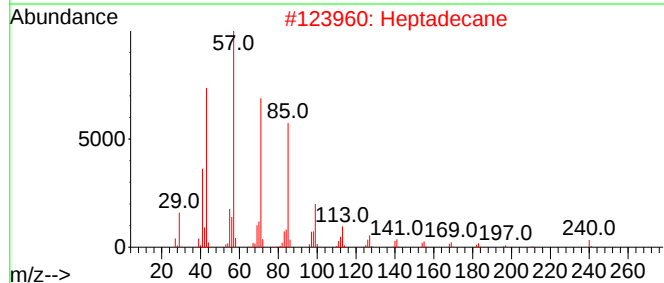
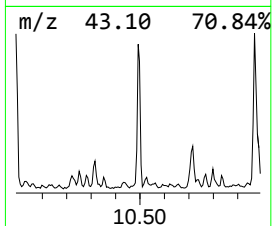
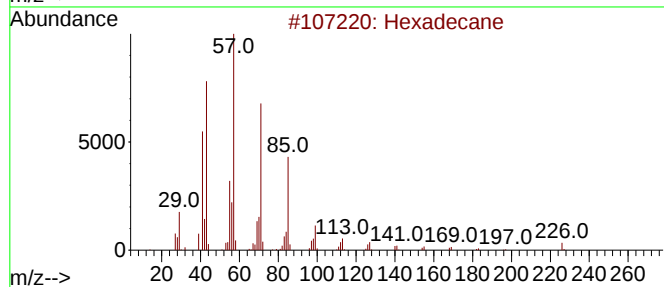
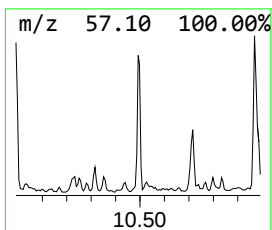
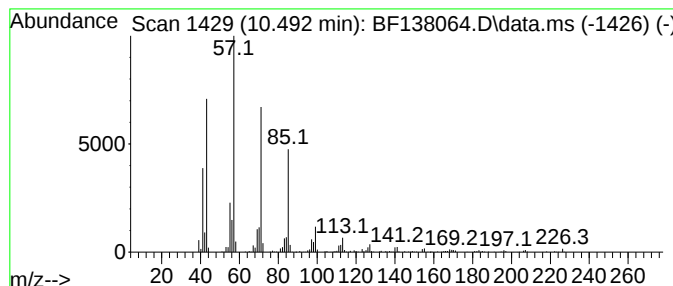
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	18.83 ng	467917	Acenaphthene-d10	10.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Heptadecane	240	C17H36	000629-78-7	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
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ALS Vial : 12 Sample Multiplier: 1

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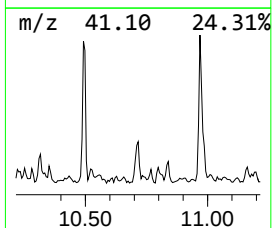
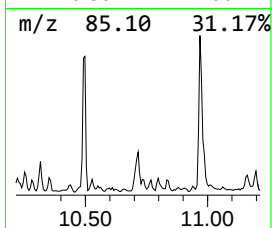
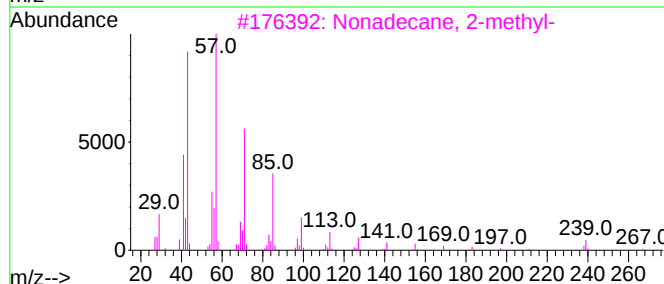
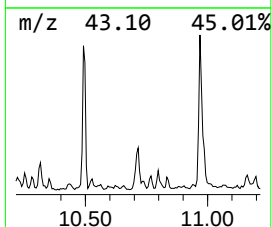
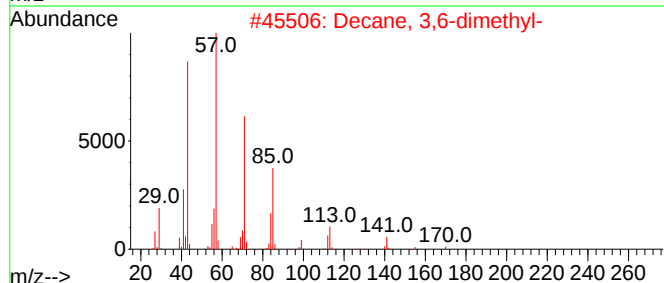
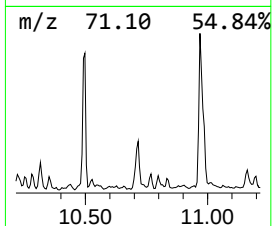
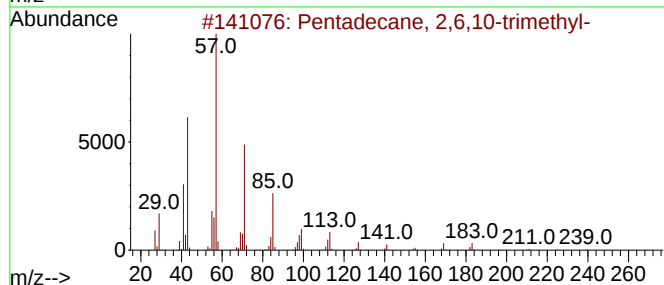
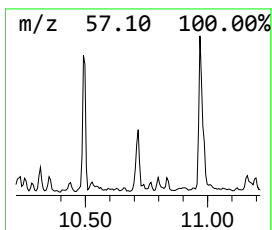
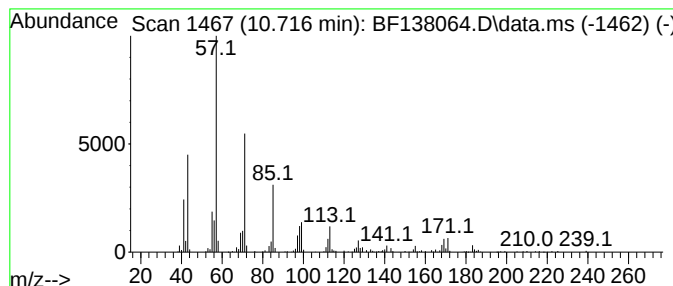
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	9.89 ng	245770	Acenaphthene-d10	10.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
4		Hentriacontane	437	C31H64	000630-04-6	72
5		5-Ethyldecane	170	C12H26	017302-36-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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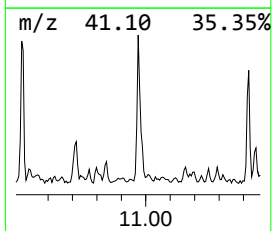
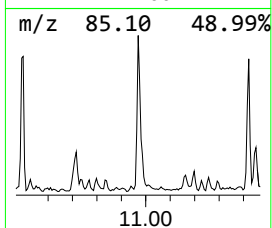
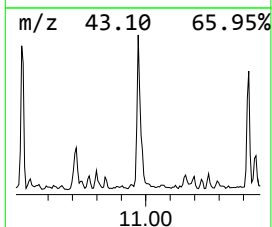
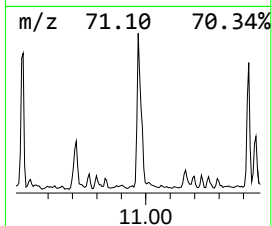
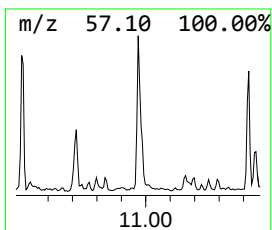
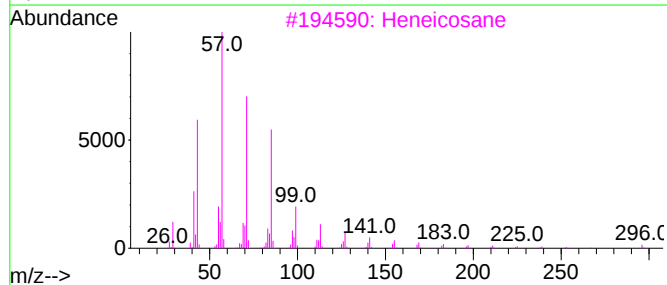
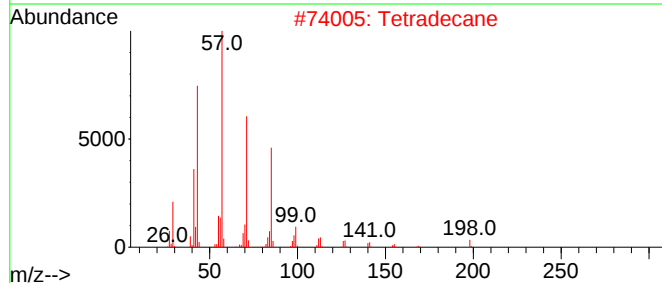
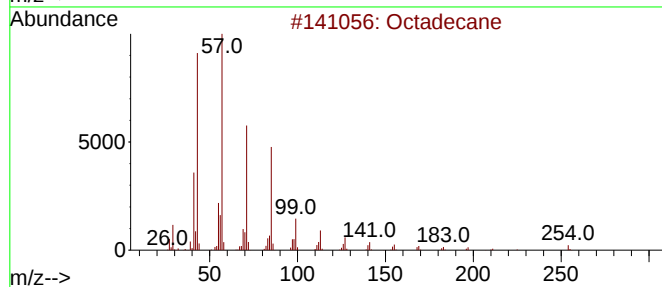
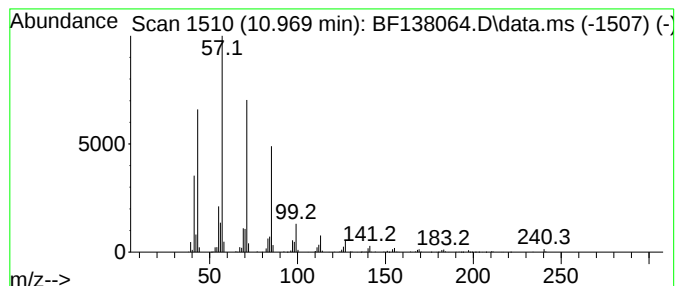
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	26.97 ng	620217	Phenanthrene-d10	11.580

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	91
2		Tetradecane	198	C14H30	000629-59-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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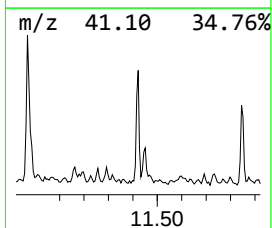
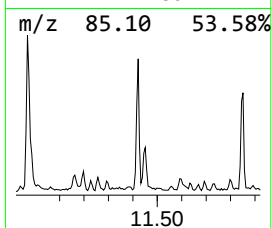
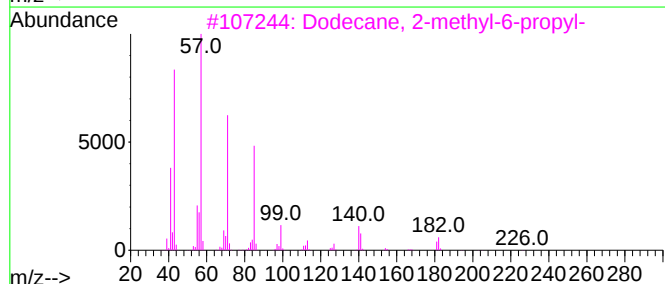
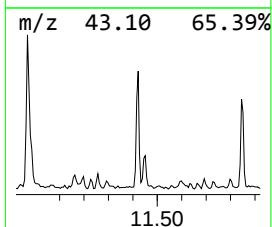
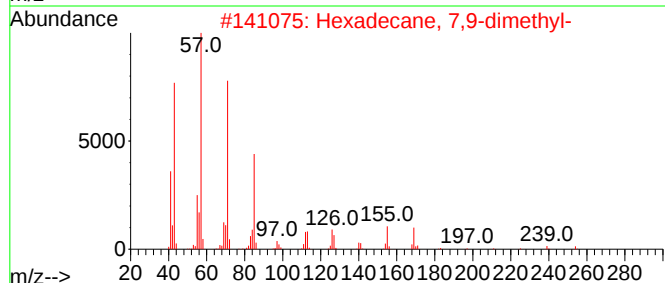
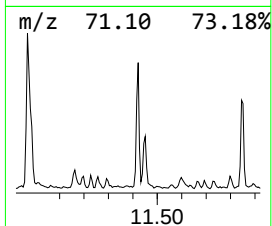
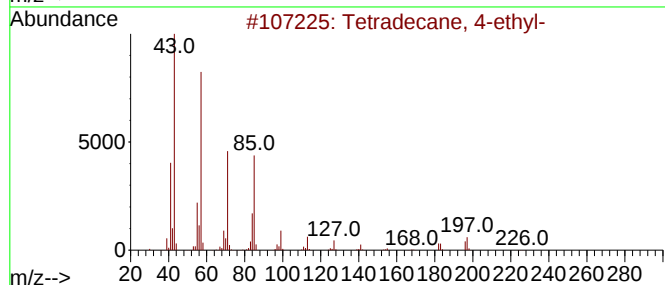
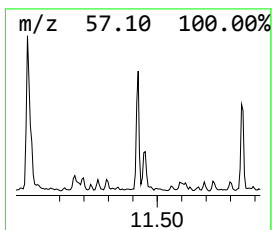
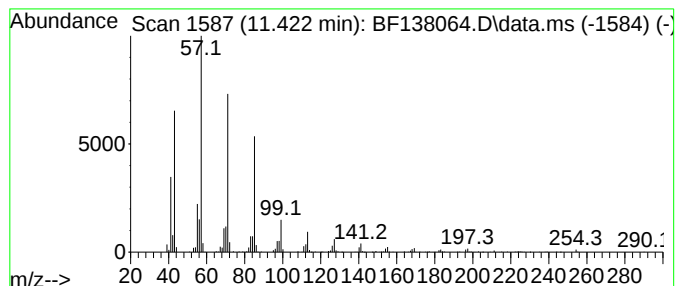
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane, 4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	15.29 ng	351568	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
2			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
Sample : P2610-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-05242024

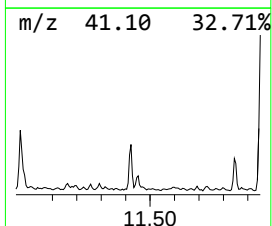
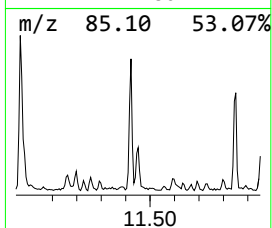
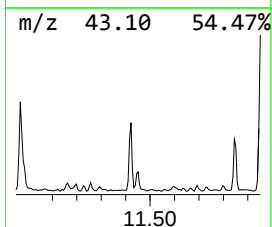
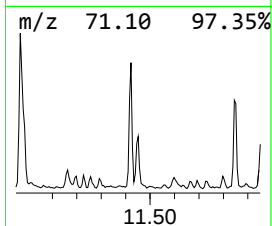
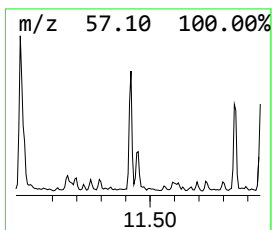
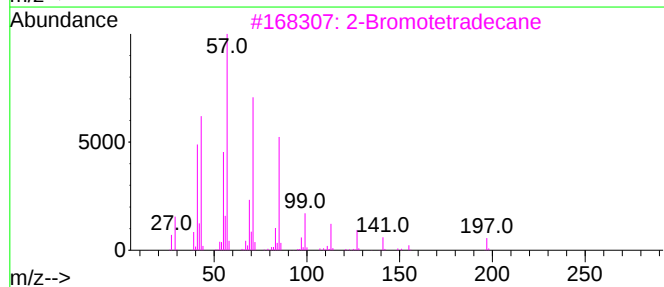
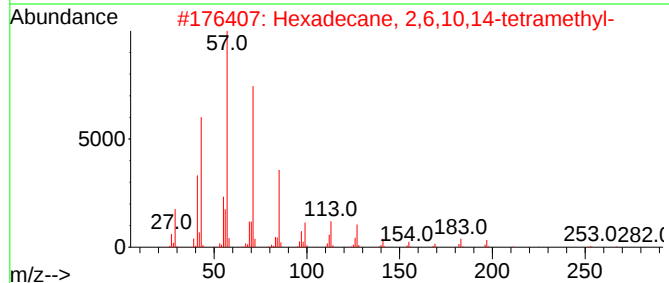
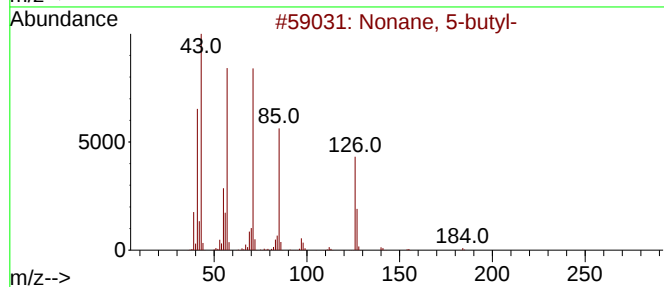
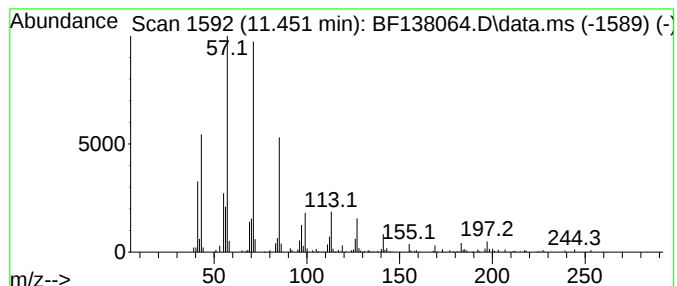
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 5-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	5.68 ng	130718	Phenanthrene-d10	11.580

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 5-butyl-	184	C13H28	017312-63-9	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
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Misc :
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Instrument :
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ClientSampleId :
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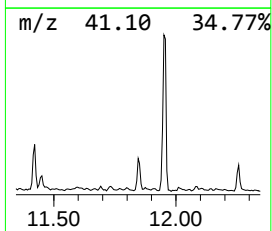
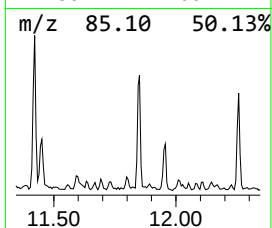
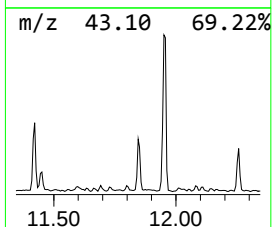
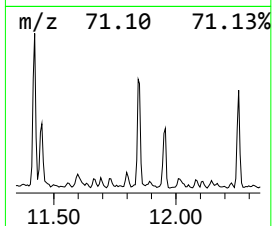
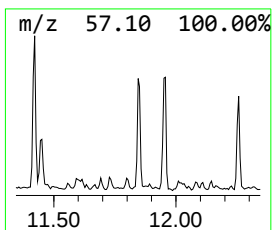
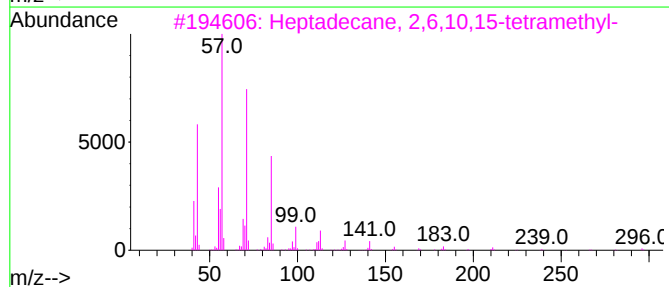
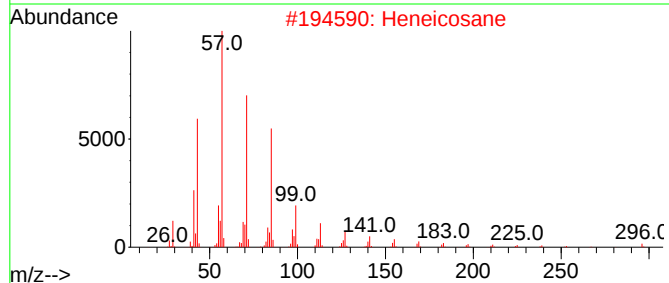
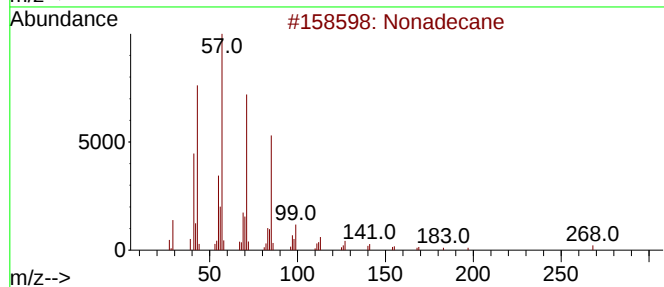
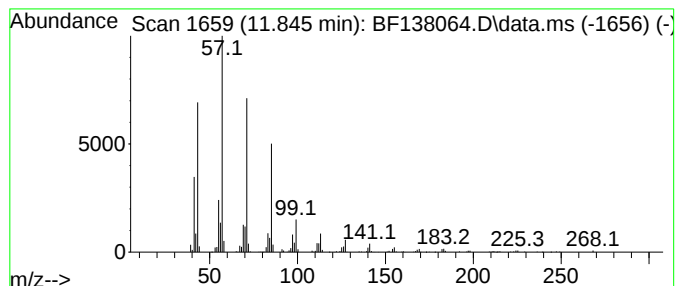
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	12.61 ng	290034	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
Sample : P2610-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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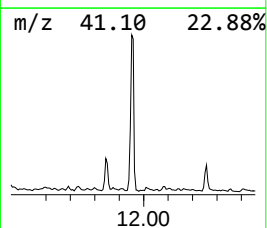
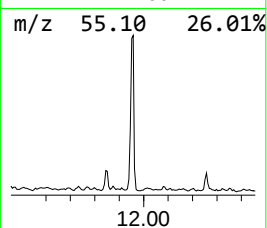
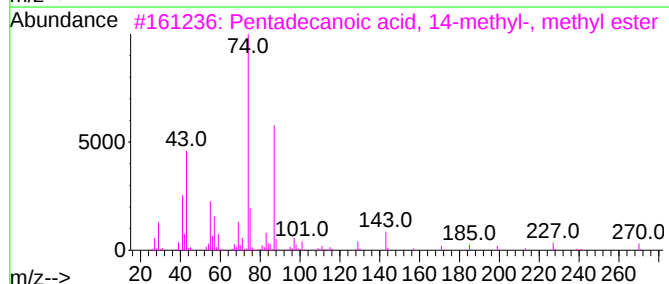
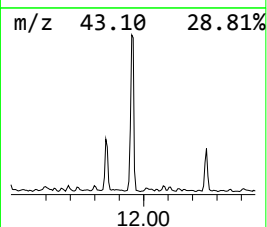
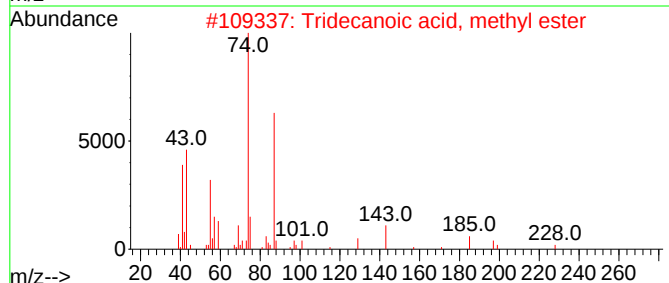
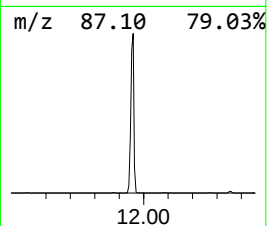
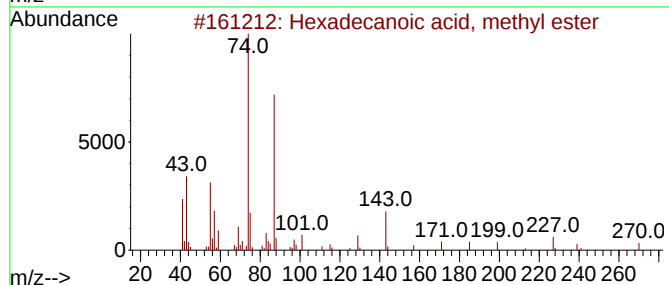
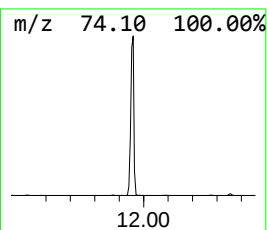
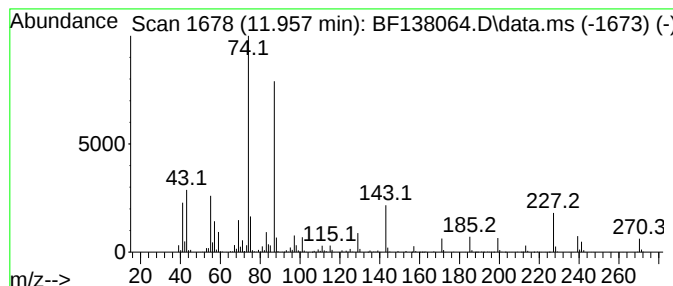
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	95.08 ng	2186760	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
5			Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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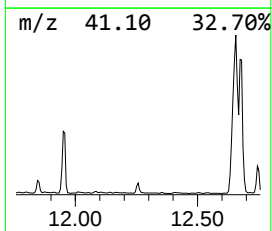
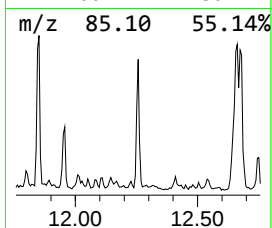
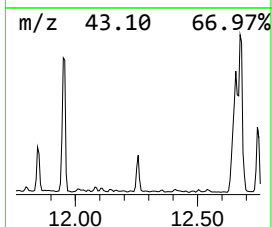
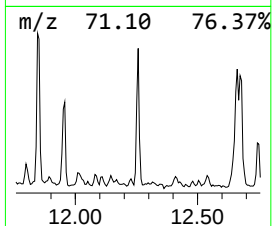
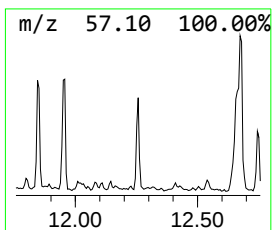
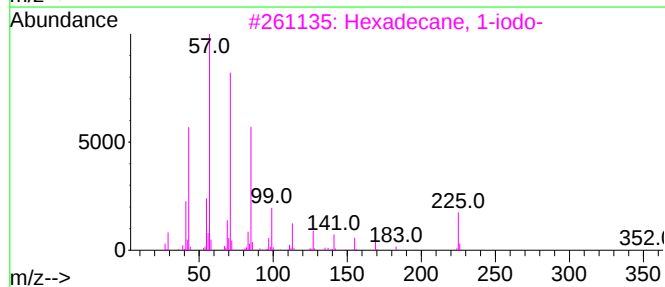
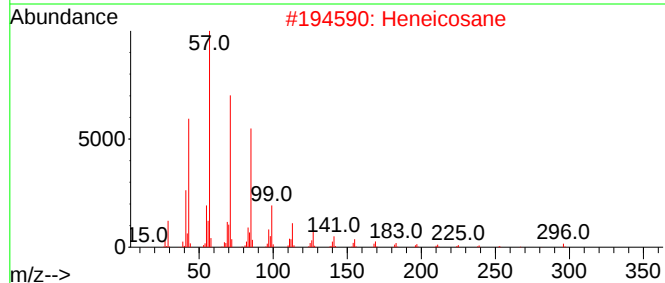
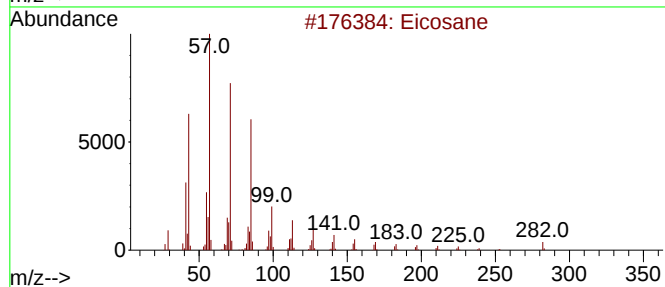
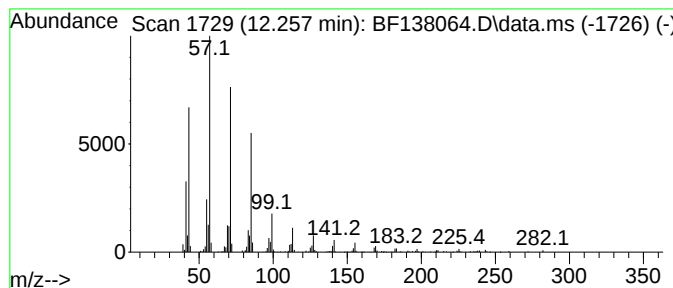
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	11.72 ng	269648	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	98
2			Heneicosane	296	C21H44	000629-94-7	91
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4			Octadecane	254	C18H38	000593-45-3	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
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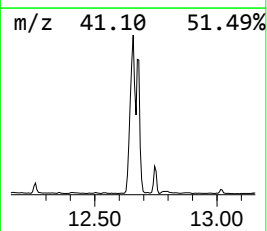
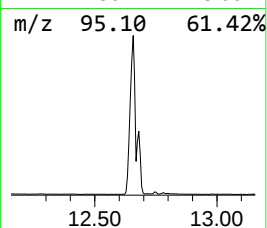
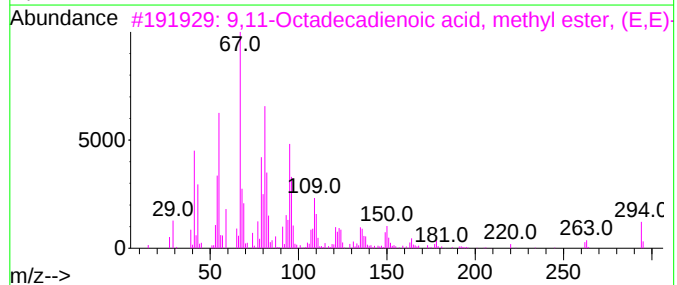
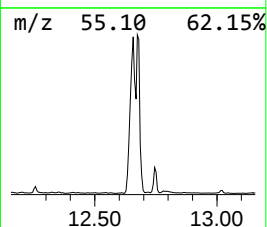
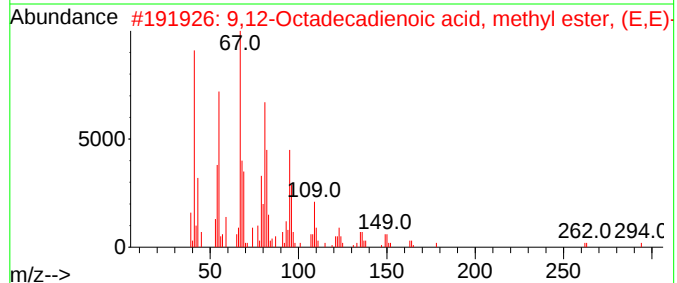
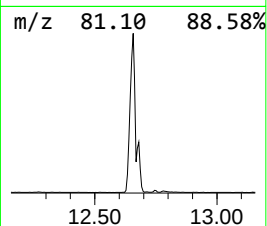
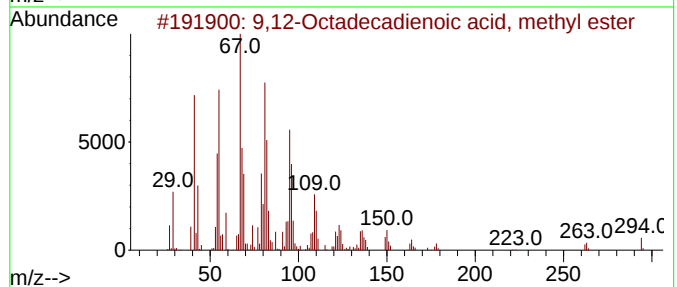
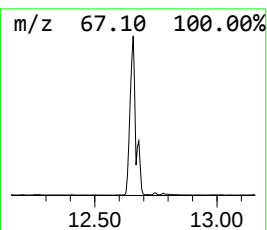
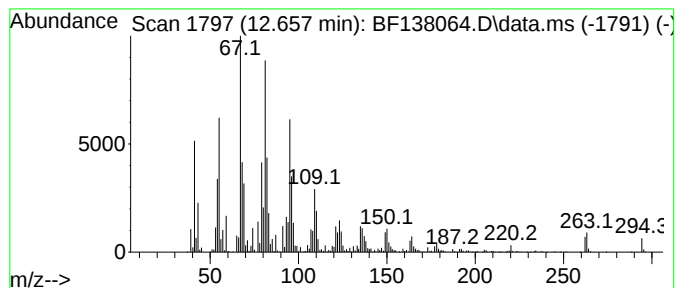
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.657	407.96 ng	9382590	Phenanthrene-d10	11.580	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
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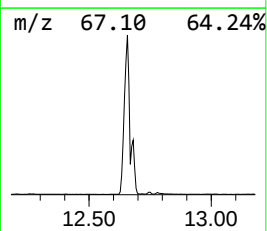
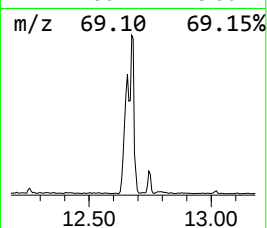
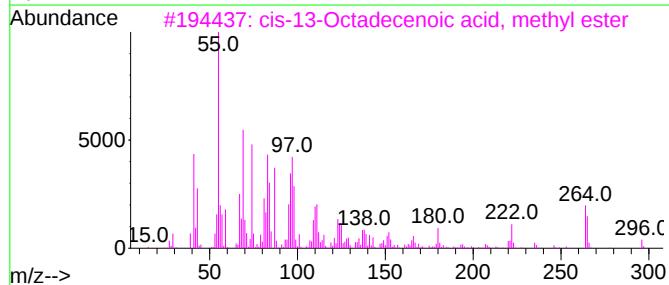
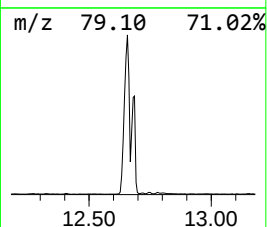
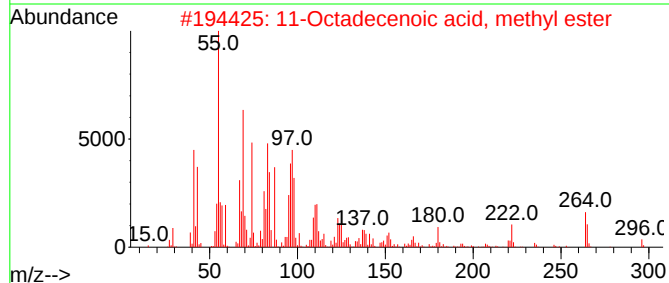
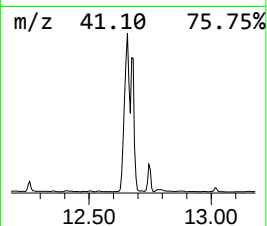
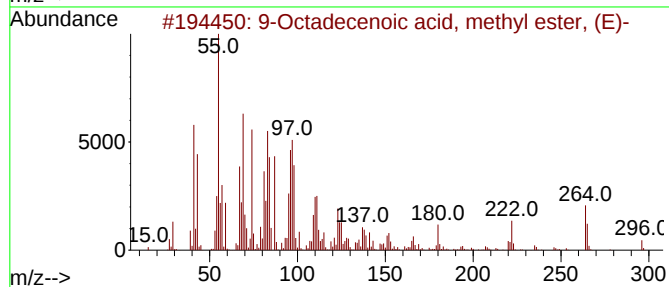
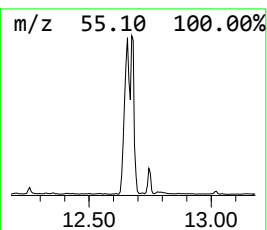
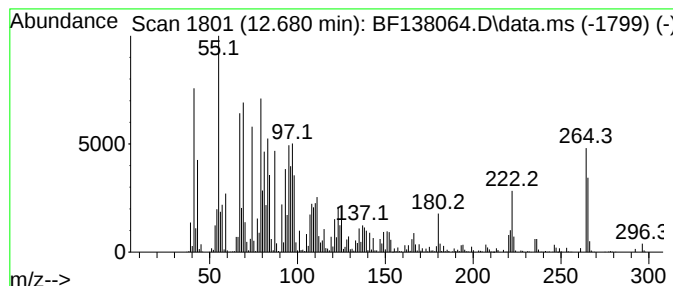
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.680	201.46 ng	4633330	Phenanthrene-d10	11.580	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	98
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
5	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
Sample : P2610-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-05242024

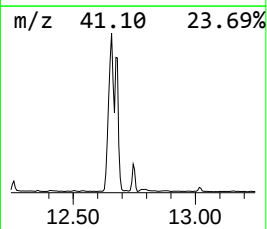
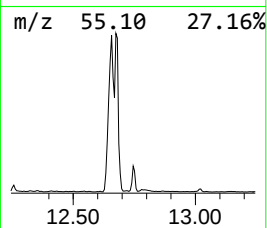
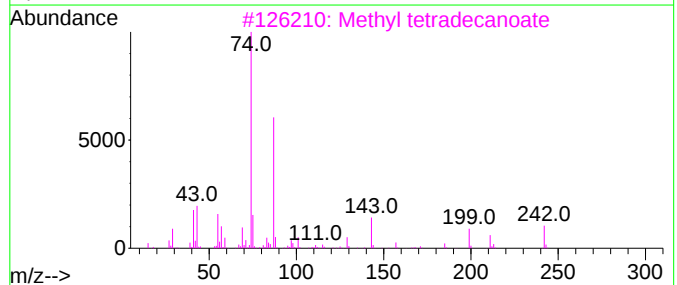
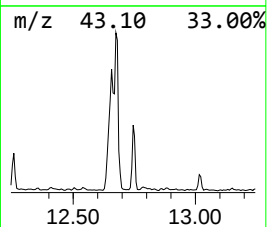
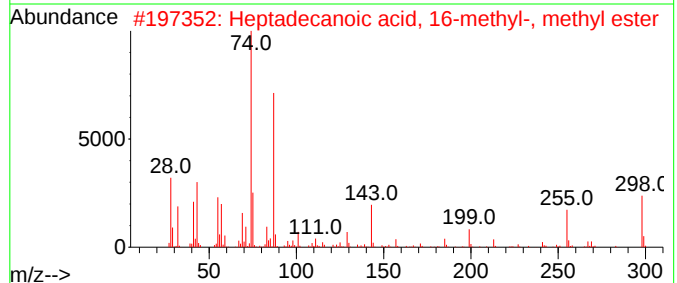
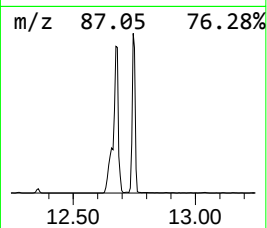
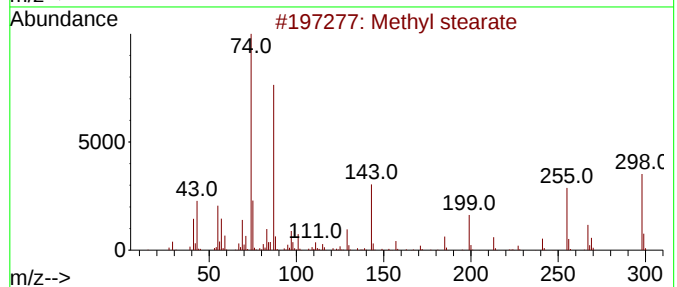
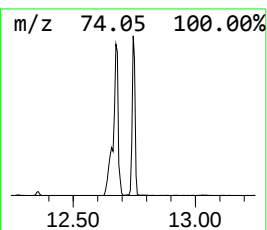
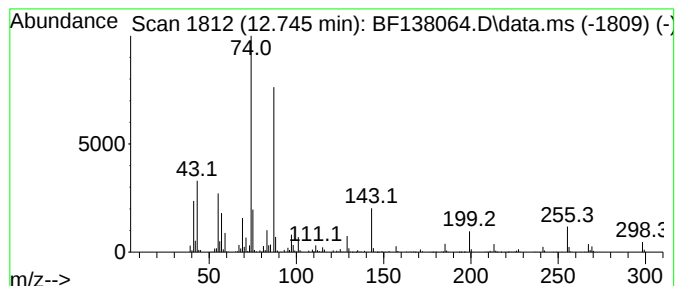
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	40.70 ng	935986	Phenanthrene-d10	11.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	99
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	97
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
Sample : P2610-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-05242024

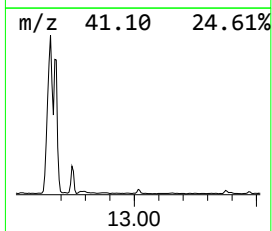
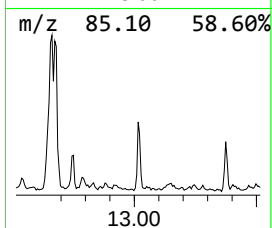
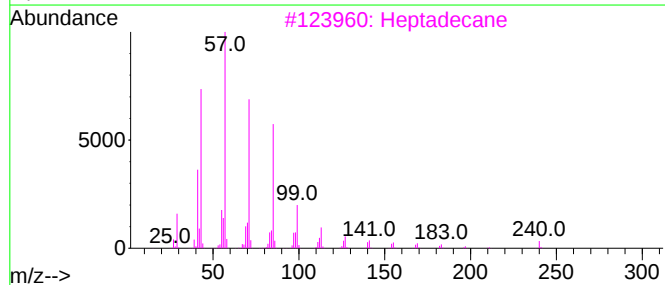
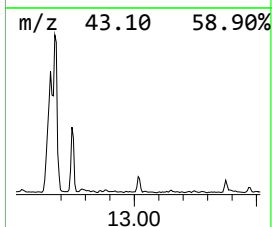
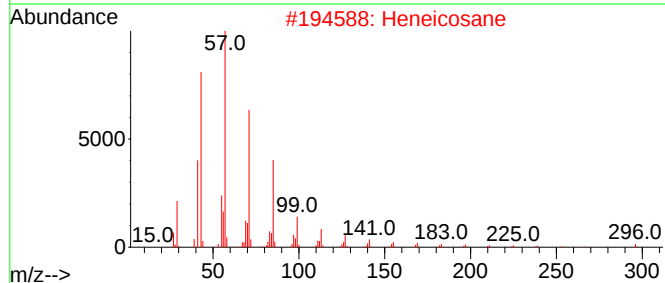
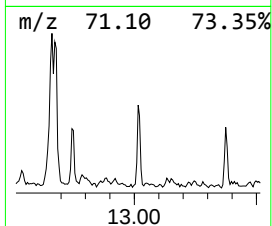
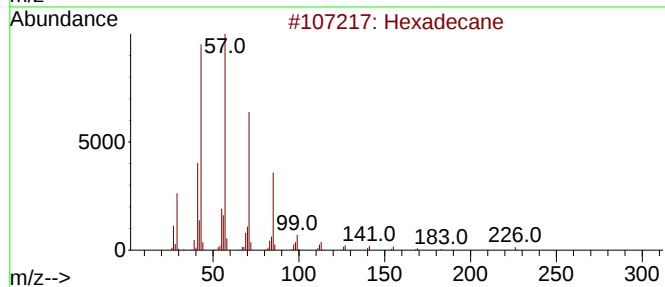
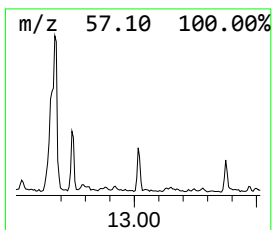
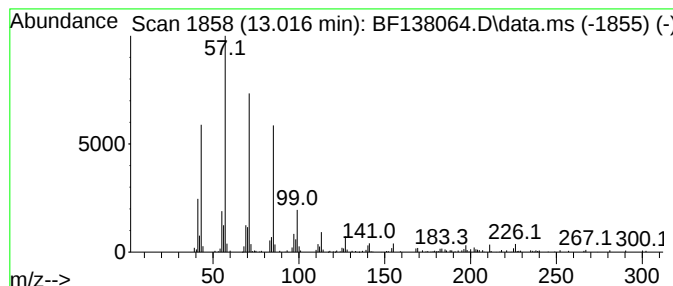
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.015	9.22 ng	187842	Chrysene-d12	14.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heneicosane	296	C21H44	000629-94-7	87
3			Heptadecane	240	C17H36	000629-78-7	87
4			Octadecane	254	C18H38	000593-45-3	86
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
Data File : BF138064.D
Acq On : 29 May 2024 17:37
Operator : CG\JU
Sample : P2610-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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
Butane, 2-metho...	2.357	6.2	ng	118902	1	7.034	381795	20.0
unknown8.598	8.598	5.0	ng	141655	2	8.322	569295	20.0
Naphthalene, 1,...	8.822	5.0	ng	143541	2	8.322	569295	20.0
Tridecane	8.892	9.5	ng	270803	2	8.322	569295	20.0
Naphthalene, 1,...	9.257	5.1	ng	126441	3	10.080	496932	20.0
Tetradecane	9.463	13.8	ng	341787	3	10.080	496932	20.0
Dodecane, 2,6,1...	9.780	5.7	ng	140684	3	10.080	496932	20.0
Carbonic acid, ...	9.992	17.3	ng	430083	3	10.080	496932	20.0
Hexadecane	10.492	18.8	ng	467917	3	10.080	496932	20.0
Pentadecane, 2,...	10.716	9.9	ng	245770	3	10.080	496932	20.0
Octadecane	10.969	27.0	ng	620217	4	11.580	459978	20.0
Tetradecane, 4-...	11.422	15.3	ng	351568	4	11.580	459978	20.0
Nonane, 5-butyl-	11.451	5.7	ng	130718	4	11.580	459978	20.0
Nonadecane	11.845	12.6	ng	290034	4	11.580	459978	20.0
Hexadecanoic ac...	11.957	95.1	ng	2186760	4	11.580	459978	20.0
Eicosane	12.257	11.7	ng	269648	4	11.580	459978	20.0
9,12-Octadecadi...	12.657	408.0	ng	9382590	4	11.580	459978	20.0
9-Octadecenoic ...	12.680	201.5	ng	4633330	4	11.580	459978	20.0
Methyl stearate	12.745	40.7	ng	935986	4	11.580	459978	20.0
Heneicosane	13.015	9.2	ng	187842	5	14.233	407346	20.0